

CRESTONE PEAK RESOURCES

**WELD COUNTY
SEC 25-T4N-R65W
SHELTON 25W-25-13**

**OWB
PROPOSAL 1**

Anticollision Report

28 September, 2022

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| | | | |
|-------------------------------------|---------------------------------------------------------------------|-----------------------|---------------------|
| Reference | PROPOSAL 1 | | |
| Filter type: | NO GLOBAL FILTER: Using user defined selection & filtering criteria | | |
| Interpolation Method: | MD Interval 100.00usft | Error Model: | ISCWSA |
| Depth Range: | Unlimited | Scan Method: | Closest Approach 3D |
| Results Limited by: | Maximum center-center distance of 10,000.00 usft | Error Surface: | Pedal Curve |
| Warning Levels Evaluated at: | 2.00 Sigma | Casing Method: | Not applied |

| | | | | |
|----------------------------|------------------|--------------------------|------------------|---------------------|
| Survey Tool Program | Date | 9/28/2022 | | |
| From (usft) | To (usft) | Survey (Wellbore) | Tool Name | Description |
| 0.00 | 20,442.82 | PROPOSAL 1 (OWB) | MWD OWSG | OWSG MWD - Standard |

| Summary | | | | | | |
|------------------------------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|---------------------|
| Site Name | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning |
| Offset Well - Wellbore - Design | | | | | | |
| SEC 25-T4N-R65W | | | | | | |
| ABND VERT BEEBE DRAW 1 GYRO - OWB - GYRO | 9,110.21 | 6,764.23 | 612.60 | 520.92 | 6.682 | CC, ES, SF |
| ABND VERT BEEBE DRAW 2 GYRO - OWB - GYRO | 8,120.20 | 6,802.41 | 816.88 | 749.08 | 12.048 | CC, ES, SF |
| ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO | 9,242.09 | 6,779.82 | 377.69 | 281.96 | 3.945 | CC, ES |
| ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO | 9,300.00 | 6,783.47 | 382.09 | 283.36 | 3.870 | SF |
| ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO | 8,049.37 | 6,801.01 | 382.29 | 315.47 | 5.721 | CC, ES |
| ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO | 8,100.00 | 6,801.75 | 385.63 | 316.00 | 5.539 | SF |
| ABND VERT CPC PLUSS 25-1 - OWB - Design #1 | 500.00 | 480.00 | 2,539.71 | 2,530.72 | 282.631 | CC |
| ABND VERT CPC PLUSS 25-1 - OWB - Design #1 | 700.00 | 679.84 | 2,542.18 | 2,529.01 | 193.104 | ES |
| ABND VERT CPC PLUSS 25-1 - OWB - Design #1 | 7,200.00 | 6,708.87 | 3,991.19 | 3,837.54 | 25.976 | SF |
| ABND VERT FLIPPIN 25BU GYRO - OWB - GYRO | 8,580.44 | 6,792.77 | 115.52 | 36.81 | 1.468 | Level 3, CC, ES, SF |
| ABND VERT OCOMA G 25-16 GYRO - OWB - GYRO | 3,226.29 | 3,067.90 | 1,238.64 | 1,218.96 | 62.946 | CC |
| ABND VERT OCOMA G 25-16 GYRO - OWB - GYRO | 3,300.00 | 3,131.12 | 1,239.13 | 1,218.89 | 61.224 | ES |
| ABND VERT OCOMA G 25-16 GYRO - OWB - GYRO | 5,700.00 | 5,431.21 | 1,493.82 | 1,459.21 | 43.165 | SF |
| ABND VERT OCOMA G25-23 GYRO - OWB - GYRO | 4,457.24 | 4,194.92 | 266.24 | 223.81 | 6.275 | CC |
| ABND VERT OCOMA G25-23 GYRO - OWB - GYRO | 4,500.00 | 4,236.02 | 266.61 | 223.71 | 6.216 | ES |
| ABND VERT OCOMA G25-23 GYRO - OWB - GYRO | 4,600.00 | 4,331.28 | 270.14 | 226.39 | 6.175 | SF |
| ABND VERT OCOMA G25-9 GYRO - OWB - GYRO | 1,712.64 | 1,655.97 | 77.11 | 69.09 | 9.623 | CC, ES, SF |
| ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO | 157.08 | 122.08 | 1,166.95 | 1,166.50 | 2,597.950 | CC |
| ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO | 500.00 | 461.81 | 1,167.55 | 1,165.63 | 610.104 | ES |
| ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO | 6,800.00 | 6,402.35 | 2,668.60 | 2,635.75 | 81.222 | SF |
| ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO | 2,396.59 | 2,243.57 | 1,114.33 | 1,100.93 | 83.140 | CC |
| ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO | 2,500.00 | 2,343.32 | 1,114.88 | 1,100.66 | 78.444 | ES |
| ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO | 5,000.00 | 4,688.39 | 1,439.66 | 1,410.16 | 48.793 | SF |
| ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO | 5,728.06 | 5,378.53 | 1,360.67 | 1,321.73 | 34.945 | CC, ES |
| ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO | 6,900.00 | 6,470.98 | 1,429.34 | 1,382.59 | 30.572 | SF |
| EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SUR | 2,924.17 | 2,781.94 | 1,685.13 | 1,659.69 | 66.233 | CC |
| EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SUR | 3,000.00 | 2,834.94 | 1,685.89 | 1,659.67 | 64.310 | ES |
| EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SUR | 6,900.00 | 7,600.30 | 2,205.12 | 2,144.48 | 36.365 | SF |
| EXIST HZ HEARTLAND G25-72-1HN - OWB - FINAL SU | 3,403.40 | 3,245.30 | 1,643.62 | 1,613.08 | 53.809 | CC |
| EXIST HZ HEARTLAND G25-72-1HN - OWB - FINAL SU | 3,500.00 | 3,334.82 | 1,644.02 | 1,612.43 | 52.036 | ES |
| EXIST HZ HEARTLAND G25-72-1HN - OWB - FINAL SU | 6,900.00 | 7,622.39 | 1,932.12 | 1,871.41 | 31.824 | SF |
| EXIST HZ HEARTLAND G25-73-1HN - OWB - FINAL SU | 5,129.70 | 4,897.18 | 1,305.54 | 1,255.69 | 26.188 | CC |
| EXIST HZ HEARTLAND G25-73-1HN - OWB - FINAL SU | 5,300.00 | 5,053.82 | 1,306.71 | 1,255.07 | 25.301 | ES |
| EXIST HZ HEARTLAND G25-73-1HN - OWB - FINAL SU | 7,000.00 | 7,613.00 | 1,373.51 | 1,312.68 | 22.578 | SF |
| EXIST HZ SHELTON G24-74-1HN - OWB - FINAL SURV | 2,311.02 | 2,199.67 | 3,476.22 | 3,457.63 | 186.982 | CC |
| EXIST HZ SHELTON G24-74-1HN - OWB - FINAL SURV | 2,600.00 | 2,479.68 | 3,478.24 | 3,456.13 | 157.340 | ES |
| EXIST HZ SHELTON G24-74-1HN - OWB - FINAL SURV | 9,300.00 | 6,436.00 | 5,103.19 | 5,009.34 | 54.378 | SF |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

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| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

Summary

| Site Name | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning |
|------------------------------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|-----------------|
| Offset Well - Wellbore - Design | | | | | | |
| SEC 25-T4N-R65W | | | | | | |
| EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVE | 7,391.46 | 10,435.47 | 222.46 | 164.69 | 3.851 | CC |
| EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVE | 7,400.00 | 10,435.70 | 222.68 | 162.71 | 3.713 | ES |
| EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVE | 7,500.00 | 10,436.73 | 256.35 | 172.49 | 3.057 | SF |
| EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SUR | 2,016.73 | 1,797.33 | 3,517.10 | 3,502.53 | 241.464 | CC |
| EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SUR | 2,100.00 | 1,836.00 | 3,517.76 | 3,502.46 | 229.875 | ES |
| EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SUR | 9,800.00 | 6,341.00 | 4,859.06 | 4,752.63 | 45.656 | SF |
| EXIST HZ SHELTON PC G25-74-1HN - OWB - FINAL S | 6,984.34 | 10,816.00 | 772.70 | 678.01 | 8.160 | CC |
| EXIST HZ SHELTON PC G25-74-1HN - OWB - FINAL S | 7,000.00 | 10,816.00 | 773.07 | 677.50 | 8.089 | ES |
| EXIST HZ SHELTON PC G25-74-1HN - OWB - FINAL S | 7,100.00 | 10,831.62 | 792.44 | 691.67 | 7.864 | SF |
| EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO | 5,186.95 | 4,847.73 | 622.97 | 588.07 | 17.850 | CC |
| EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO | 5,200.00 | 4,859.98 | 622.99 | 587.97 | 17.793 | ES |
| EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO | 5,600.00 | 5,232.90 | 640.47 | 602.60 | 16.914 | SF |
| EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO | 6,815.97 | 6,393.60 | 504.05 | 456.54 | 10.610 | CC, ES |
| EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO | 6,900.00 | 6,473.38 | 505.10 | 456.92 | 10.485 | SF |
| EXIST VERT PLUSS G 25-07 GYRO - OWB - GYRO | 3,869.37 | 3,653.64 | 1,783.57 | 1,758.95 | 72.444 | CC |
| EXIST VERT PLUSS G 25-07 GYRO - OWB - GYRO | 4,000.00 | 3,776.19 | 1,784.16 | 1,758.56 | 69.697 | ES |
| EXIST VERT PLUSS G 25-07 GYRO - OWB - GYRO | 7,700.00 | 6,784.75 | 2,335.39 | 2,285.57 | 46.877 | SF |
| EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO | 2,161.64 | 2,079.65 | 3,064.73 | 3,053.38 | 270.096 | CC |
| EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO | 2,400.00 | 2,302.55 | 3,065.75 | 3,052.59 | 232.946 | ES |
| EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO | 9,300.00 | 7,123.43 | 4,370.76 | 4,297.49 | 59.652 | SF |
| SHELTON 25W-25-01 - OWB - PROPOSAL 1 | 100.00 | 101.00 | 269.95 | 269.68 | 999.064 | CC, ES |
| SHELTON 25W-25-01 - OWB - PROPOSAL 1 | 20,442.82 | 20,870.85 | 3,955.21 | 3,168.74 | 5.029 | SF |
| SHELTON 25W-25-02 - OWB - PROPOSAL 1 | 200.00 | 201.00 | 247.73 | 246.74 | 250.385 | CC, ES |
| SHELTON 25W-25-02 - OWB - PROPOSAL 1 | 20,442.82 | 20,768.23 | 3,625.52 | 2,839.01 | 4.610 | SF |
| SHELTON 25W-25-03 - OWB - PROPOSAL 1 | 300.00 | 301.00 | 225.50 | 223.80 | 132.158 | CC, ES |
| SHELTON 25W-25-03 - OWB - PROPOSAL 1 | 20,442.82 | 20,676.22 | 3,296.55 | 2,510.02 | 4.191 | SF |
| SHELTON 25W-25-04 - OWB - PROPOSAL 1 | 400.00 | 401.00 | 202.55 | 200.13 | 83.587 | CC, ES |
| SHELTON 25W-25-04 - OWB - PROPOSAL 1 | 20,442.82 | 20,595.83 | 2,966.50 | 2,179.92 | 3.771 | SF |
| SHELTON 25W-25-05 - OWB - PROPOSAL 1 | 500.00 | 501.00 | 179.97 | 176.83 | 57.310 | CC, ES |
| SHELTON 25W-25-05 - OWB - PROPOSAL 1 | 20,442.82 | 20,527.28 | 2,636.80 | 1,850.20 | 3.352 | SF |
| SHELTON 25W-25-06 - OWB - PROPOSAL 1 | 500.00 | 501.00 | 158.11 | 154.97 | 50.350 | CC, ES |
| SHELTON 25W-25-06 - OWB - PROPOSAL 1 | 20,442.82 | 20,471.07 | 2,307.11 | 1,520.47 | 2.933 | SF |
| SHELTON 25W-25-07 - OWB - PROPOSAL 1 | 500.00 | 500.00 | 135.52 | 132.38 | 43.206 | CC, ES |
| SHELTON 25W-25-07 - OWB - PROPOSAL 1 | 20,442.82 | 20,428.62 | 1,978.15 | 1,191.48 | 2.515 | SF |
| SHELTON 25W-25-08 - OWB - PROPOSAL 1 | 500.00 | 500.00 | 112.57 | 109.43 | 35.888 | CC, ES |
| SHELTON 25W-25-08 - OWB - PROPOSAL 1 | 20,442.82 | 20,400.80 | 1,648.09 | 861.39 | 2.095 | SF |
| SHELTON 25W-25-09 - OWB - PROPOSAL 1 | 500.00 | 500.00 | 89.98 | 86.85 | 28.688 | CC, ES |
| SHELTON 25W-25-09 - OWB - PROPOSAL 1 | 20,442.82 | 20,394.90 | 1,318.40 | 531.45 | 1.675 | SF |
| SHELTON 25W-25-10 - OWB - PROPOSAL 1 | 500.00 | 501.00 | 68.12 | 64.98 | 21.694 | CC, ES |
| SHELTON 25W-25-10 - OWB - PROPOSAL 1 | 20,442.82 | 20,384.84 | 988.71 | 202.16 | 1.257 | Level 3, SF |
| SHELTON 25W-25-11 - OWB - PROPOSAL 1 | 500.00 | 500.00 | 45.17 | 42.04 | 14.402 | CC |
| SHELTON 25W-25-11 - OWB - PROPOSAL 1 | 20,442.82 | 20,391.20 | 659.75 | -126.41 | 0.839 | Level 1, ES, SF |
| SHELTON 25W-25-12 - OWB - PROPOSAL 1 | 500.00 | 500.00 | 22.59 | 19.45 | 7.201 | CC |
| SHELTON 25W-25-12 - OWB - PROPOSAL 1 | 20,442.82 | 20,413.39 | 329.69 | -456.08 | 0.420 | Level 1, ES, SF |
| SHELTON 25W-25-14 - OWB - PROPOSAL 1 | 400.00 | 400.00 | 21.86 | 19.44 | 9.034 | CC |
| SHELTON 25W-25-14 - OWB - PROPOSAL 1 | 20,442.82 | 20,492.84 | 329.69 | -455.16 | 0.420 | Level 1, ES, SF |
| SHELTON 25W-25-15 - OWB - PROPOSAL 1 | 300.00 | 300.00 | 44.81 | 43.11 | 26.316 | CC |
| SHELTON 25W-25-15 - OWB - PROPOSAL 1 | 20,442.82 | 20,555.63 | 658.65 | -125.84 | 0.840 | Level 1, ES, SF |
| SHELTON 25W-25-16 - OWB - PROPOSAL 1 | 100.00 | 101.00 | 67.40 | 67.13 | 249.432 | CC, ES |
| SHELTON 25W-25-16 - OWB - PROPOSAL 1 | 20,442.82 | 20,616.38 | 988.36 | 204.26 | 1.261 | Level 3, SF |
| SI VERT DABNEY G 25-3 GYRO - OWB - GYRO | 7,995.54 | 6,766.88 | 3,429.20 | 3,364.06 | 52.646 | CC |
| SI VERT DABNEY G 25-3 GYRO - OWB - GYRO | 8,100.00 | 6,765.54 | 3,430.79 | 3,363.79 | 51.207 | ES |
| SI VERT DABNEY G 25-3 GYRO - OWB - GYRO | 9,600.00 | 6,744.42 | 3,785.93 | 3,697.29 | 42.713 | SF |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
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| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Summary | | | | | | |
|--------------------------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|---------|
| Site Name | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning |
| Offset Well - Wellbore - Design | | | | | | |
| SEC 25-T4N-R65W | | | | | | |
| SI VERT DABNEY G 25-6 GYRO - OWB - GYRO | 7,993.16 | 6,814.21 | 2,232.94 | 2,167.74 | 34.251 | CC |
| SI VERT DABNEY G 25-6 GYRO - OWB - GYRO | 8,000.00 | 6,814.03 | 2,232.95 | 2,167.65 | 34.196 | ES |
| SI VERT DABNEY G 25-6 GYRO - OWB - GYRO | 8,700.00 | 6,795.09 | 2,342.07 | 2,268.32 | 31.758 | SF |
| SI VERT FREEDOM G 25-5 - OWB - Design #1 | 9,324.81 | 6,753.00 | 2,215.20 | 2,002.90 | 10.434 | CC |
| SI VERT FREEDOM G 25-5 - OWB - Design #1 | 9,400.00 | 6,753.00 | 2,216.48 | 2,002.87 | 10.377 | ES |
| SI VERT FREEDOM G 25-5 - OWB - Design #1 | 9,600.00 | 6,753.00 | 2,232.23 | 2,015.64 | 10.306 | SF |
| SI VERT RUPERT G 25-4 GYRO - OWB - GYRO | 9,402.43 | 6,855.27 | 3,502.90 | 3,403.22 | 35.142 | CC |
| SI VERT RUPERT G 25-4 GYRO - OWB - GYRO | 9,500.00 | 6,855.54 | 3,504.26 | 3,402.61 | 34.474 | ES |
| SI VERT RUPERT G 25-4 GYRO - OWB - GYRO | 10,600.00 | 6,858.32 | 3,701.96 | 3,583.30 | 31.200 | SF |
| SI VERT SHELTON 18-25XX GYRO - OWB - FINAL | 8,607.33 | 6,846.00 | 2,537.60 | 2,437.37 | 25.318 | CC, ES |
| SI VERT SHELTON 18-25XX GYRO - OWB - FINAL | 9,300.00 | 6,846.00 | 2,630.44 | 2,520.25 | 23.872 | SF |
| SI VERT SHELTON 18-25XX GYRO - STK - STK | 8,773.65 | 6,950.77 | 2,518.92 | 2,416.06 | 24.488 | CC |
| SI VERT SHELTON 18-25XX GYRO - STK - STK | 8,800.00 | 6,951.37 | 2,519.06 | 2,415.73 | 24.378 | ES |
| SI VERT SHELTON 18-25XX GYRO - STK - STK | 9,400.00 | 6,965.22 | 2,595.54 | 2,483.55 | 23.176 | SF |

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| Site Error: | 0.00 usft | North Reference: | True |
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| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
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| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Summary | | | | | | |
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| Site Name | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning |
| Offset Well - Wellbore - Design | | | | | | |
| SEC 26-T4N-R65W | | | | | | |
| ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GY | 11,381.15 | 6,747.54 | 301.79 | 151.32 | 2.006 | CC, ES, SF |
| ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB - | 13,299.19 | 6,705.51 | 829.90 | 628.37 | 4.118 | CC |
| ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB - | 13,300.00 | 6,705.51 | 829.90 | 628.36 | 4.118 | ES, SF |
| ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB - | 14,559.44 | 6,699.54 | 966.63 | 731.02 | 4.103 | CC, ES |
| ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB - | 14,600.00 | 6,699.22 | 967.48 | 731.64 | 4.102 | SF |
| ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB - | 13,359.35 | 6,705.84 | 488.41 | 285.35 | 2.405 | CC |
| ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB - | 13,400.00 | 6,705.77 | 490.09 | 285.31 | 2.393 | ES, SF |
| ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB - | 11,975.29 | 6,718.97 | 526.82 | 360.62 | 3.170 | CC |
| ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB - | 12,000.00 | 6,718.72 | 527.40 | 359.97 | 3.150 | ES, SF |
| ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB - | 10,600.22 | 6,745.21 | 432.13 | 302.11 | 3.323 | CC, ES, SF |
| ABND VERT BEEBE DRAW R G 26-9 - OWB - Design # | 10,679.94 | 6,755.00 | 812.61 | 565.31 | 3.286 | CC, ES |
| ABND VERT BEEBE DRAW R G 26-9 - OWB - Design # | 10,700.00 | 6,755.00 | 812.85 | 565.47 | 3.286 | SF |
| ABND VERT DUPPER 2 - OWB - Design #1 | 14,662.03 | 6,705.00 | 3,490.70 | 3,138.19 | 9.903 | CC |
| ABND VERT DUPPER 2 - OWB - Design #1 | 14,700.00 | 6,705.00 | 3,490.90 | 3,137.56 | 9.880 | ES |
| ABND VERT DUPPER 2 - OWB - Design #1 | 15,100.00 | 6,705.00 | 3,518.07 | 3,157.63 | 9.761 | SF |
| ABND VERT DUPPER R G 26-5 GYRO - OWB - GYRO | 14,652.14 | 6,728.80 | 2,112.10 | 1,874.24 | 8.880 | CC |
| ABND VERT DUPPER R G 26-5 GYRO - OWB - GYRO | 14,700.00 | 6,728.88 | 2,112.64 | 1,873.91 | 8.849 | ES |
| ABND VERT DUPPER R G 26-5 GYRO - OWB - GYRO | 14,800.00 | 6,729.06 | 2,117.27 | 1,877.10 | 8.816 | SF |
| ABND VERT DUPPER R G 26-6 - OWB - Design #1 | 13,330.92 | 6,710.00 | 2,152.28 | 1,835.43 | 6.793 | CC |
| ABND VERT DUPPER R G 26-6 - OWB - Design #1 | 13,400.00 | 6,710.00 | 2,153.39 | 1,835.30 | 6.770 | ES |
| ABND VERT DUPPER R G 26-6 - OWB - Design #1 | 13,500.00 | 6,710.00 | 2,158.91 | 1,839.39 | 6.757 | SF |
| ABND VERT SHELTON G 26-17D GYRO - OWB - GYRO | 11,447.46 | 6,702.64 | 2,904.55 | 2,752.32 | 19.080 | CC |
| ABND VERT SHELTON G 26-17D GYRO - OWB - GYRO | 11,500.00 | 6,702.00 | 2,905.02 | 2,751.72 | 18.949 | ES |
| ABND VERT SHELTON G 26-17D GYRO - OWB - GYRO | 12,000.00 | 6,696.93 | 2,956.63 | 2,795.56 | 18.356 | SF |
| EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVE | 14,003.65 | 6,839.24 | 1,083.81 | 837.08 | 4.393 | CC, ES |
| EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVE | 14,100.00 | 6,839.25 | 1,088.08 | 838.56 | 4.361 | SF |
| EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINA | 10,211.69 | 6,705.00 | 1,233.83 | 1,092.82 | 8.749 | CC |
| EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINA | 20,100.00 | 16,680.43 | 1,320.04 | 679.57 | 2.061 | ES |
| EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINA | 20,200.00 | 16,730.00 | 1,324.01 | 680.17 | 2.056 | SF |
| EXIST VERT ARENS G 26-19 GYRO - OWB - GYRO | 13,980.61 | 6,751.32 | 2,554.35 | 2,334.18 | 11.602 | CC |
| EXIST VERT ARENS G 26-19 GYRO - OWB - GYRO | 14,000.00 | 6,751.22 | 2,554.42 | 2,333.86 | 11.581 | ES |
| EXIST VERT ARENS G 26-19 GYRO - OWB - GYRO | 14,300.00 | 6,749.65 | 2,574.24 | 2,349.15 | 11.437 | SF |
| EXIST VERT BEEBE DRAW 1 - OWB - Design #1 | 14,328.86 | 6,716.00 | 138.16 | -113.20 | 0.550 | Level 1, CC, ES, SF |
| EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1 | 14,844.07 | 6,724.00 | 682.15 | 324.42 | 1.907 | CC, ES |
| EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1 | 14,900.00 | 6,724.00 | 684.44 | 324.71 | 1.903 | SF |
| EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB - | 12,038.57 | 6,727.62 | 905.58 | 737.73 | 5.395 | CC, ES, SF |
| EXIST VERT SHELTON R G 26-8 - OWB - Design #1 | 10,716.61 | 6,732.00 | 2,127.60 | 1,879.74 | 8.584 | CC, ES |
| EXIST VERT SHELTON R G 26-8 - OWB - Design #1 | 10,900.00 | 6,732.00 | 2,135.48 | 1,884.68 | 8.515 | SF |
| EXIST VERT SHELTON RG 26-7 - OWB - GYRO | 12,088.98 | 6,723.01 | 2,107.70 | 1,938.41 | 12.450 | CC |
| EXIST VERT SHELTON RG 26-7 - OWB - GYRO | 12,100.00 | 6,722.92 | 2,107.73 | 1,938.23 | 12.435 | ES |
| EXIST VERT SHELTON RG 26-7 - OWB - GYRO | 12,300.00 | 6,721.10 | 2,118.24 | 1,945.77 | 12.282 | SF |
| SI VERT DUPPER 1 - OWB - Design #1 | 13,529.18 | 6,705.00 | 3,448.33 | 3,126.24 | 10.706 | CC |
| SI VERT DUPPER 1 - OWB - Design #1 | 13,600.00 | 6,705.00 | 3,449.06 | 3,125.44 | 10.658 | ES |
| SI VERT DUPPER 1 - OWB - Design #1 | 14,000.00 | 6,705.00 | 3,480.33 | 3,149.71 | 10.527 | SF |
| SI VERT SHELTON R G 26-2 - OWB - Design #1 | 12,270.44 | 6,705.00 | 3,330.08 | 3,041.62 | 11.544 | CC |
| SI VERT SHELTON R G 26-2 - OWB - Design #1 | 12,300.00 | 6,705.00 | 3,330.21 | 3,041.11 | 11.519 | ES |
| SI VERT SHELTON R G 26-2 - OWB - Design #1 | 12,800.00 | 6,705.00 | 3,371.93 | 3,074.09 | 11.321 | SF |
| SI VERT SHELTON RG 26-1 - OWB - Design #1 | 10,716.82 | 6,726.00 | 3,402.67 | 3,154.93 | 13.735 | CC |
| SI VERT SHELTON RG 26-1 - OWB - Design #1 | 10,800.00 | 6,726.00 | 3,403.69 | 3,154.20 | 13.642 | ES |
| SI VERT SHELTON RG 26-1 - OWB - Design #1 | 11,400.00 | 6,726.00 | 3,470.58 | 3,210.80 | 13.360 | SF |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Summary | | | | | | |
|-----------------------------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|---------------------|
| Site Name | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning |
| Offset Well - Wellbore - Design | | | | | | |
| SEC 27-T4N-R65W | | | | | | |
| ABND VERT ANDERSON 12-27 - OWB - Design #1 | 20,106.43 | 6,770.00 | 2,036.05 | 1,535.35 | 4.066 | CC, ES |
| ABND VERT ANDERSON 12-27 - OWB - Design #1 | 20,200.00 | 6,770.00 | 2,038.20 | 1,536.08 | 4.059 | SF |
| ABND VERT ANDERSON 17-27 GYRO - OWB - GYRO | 16,731.99 | 6,758.30 | 2,952.33 | 2,658.42 | 10.045 | CC |
| ABND VERT ANDERSON 17-27 GYRO - OWB - GYRO | 16,800.00 | 6,757.01 | 2,953.11 | 2,657.80 | 10.000 | ES |
| ABND VERT ANDERSON 17-27 GYRO - OWB - GYRO | 17,100.00 | 6,751.32 | 2,975.17 | 2,675.54 | 9.929 | SF |
| ABND VERT BOHLENDER 1 - OWB - Design #1 | 19,944.27 | 6,760.00 | 2,888.47 | 2,392.34 | 5.822 | CC |
| ABND VERT BOHLENDER 1 - OWB - Design #1 | 20,000.00 | 6,760.00 | 2,889.01 | 2,391.74 | 5.810 | ES |
| ABND VERT BOHLENDER 1 - OWB - Design #1 | 20,200.00 | 6,760.00 | 2,899.77 | 2,399.58 | 5.797 | SF |
| ABND VERT BOHLENDER 2 GYRO - OWB - GYRO | 17,216.14 | 6,819.19 | 3,430.51 | 3,123.33 | 11.168 | CC |
| ABND VERT BOHLENDER 2 GYRO - OWB - GYRO | 17,300.00 | 6,817.75 | 3,431.53 | 3,122.57 | 11.107 | ES |
| ABND VERT BOHLENDER 2 GYRO - OWB - GYRO | 17,600.00 | 6,817.59 | 3,451.90 | 3,138.08 | 10.999 | SF |
| ABND VERT DUPPER 3 - OWB - Design #1 | 15,875.63 | 6,714.00 | 2,210.33 | 1,824.98 | 5.736 | CC |
| ABND VERT DUPPER 3 - OWB - Design #1 | 15,900.00 | 6,714.00 | 2,210.46 | 1,824.65 | 5.729 | ES |
| ABND VERT DUPPER 3 - OWB - Design #1 | 16,000.00 | 6,714.00 | 2,213.82 | 1,826.43 | 5.715 | SF |
| ABND VERT KNAUB 22-27 GYRO - OWB - GYRO | 18,489.16 | 6,727.37 | 2,205.21 | 1,863.71 | 6.457 | CC |
| ABND VERT KNAUB 22-27 GYRO - OWB - GYRO | 18,500.00 | 6,727.37 | 2,205.24 | 1,863.52 | 6.453 | ES |
| ABND VERT KNAUB 22-27 GYRO - OWB - GYRO | 18,600.00 | 6,727.38 | 2,208.00 | 1,864.69 | 6.432 | SF |
| ABND VERT LIBSACK R G 27-10 GYRO - OWB - GYRO | 17,289.13 | 6,710.97 | 749.84 | 441.01 | 2.428 | CC, ES |
| ABND VERT LIBSACK R G 27-10 GYRO - OWB - GYRO | 17,300.00 | 6,711.06 | 749.92 | 441.05 | 2.428 | SF |
| ABND VERT LIBSACK R G 27-15 GYRO - OWB - GYRO | 17,296.71 | 6,715.04 | 364.65 | 55.19 | 1.178 | Level 2, CC |
| ABND VERT LIBSACK R G 27-15 GYRO - OWB - GYRO | 17,300.00 | 6,715.00 | 364.66 | 54.99 | 1.178 | Level 2, ES, SF |
| ABND VERT OSTER 21-27 GYRO - OWB - GYRO | 18,502.57 | 6,728.57 | 3,603.90 | 3,262.09 | 10.544 | CC |
| ABND VERT OSTER 21-27 GYRO - OWB - GYRO | 18,600.00 | 6,727.38 | 3,605.22 | 3,261.32 | 10.483 | ES |
| ABND VERT OSTER 21-27 GYRO - OWB - GYRO | 18,900.00 | 6,723.72 | 3,625.74 | 3,276.97 | 10.396 | SF |
| ABND VERT OSTER 27-11G GYRO - OWB - GYRO | 18,439.55 | 6,778.78 | 726.44 | 386.78 | 2.139 | CC, ES, SF |
| ABND VERT OSTER 4-27 - OWB - Design #1 | 20,060.81 | 6,760.00 | 3,606.04 | 3,106.75 | 7.222 | CC |
| ABND VERT OSTER 4-27 - OWB - Design #1 | 20,100.00 | 6,760.00 | 3,606.25 | 3,106.09 | 7.210 | ES |
| ABND VERT OSTER 4-27 - OWB - Design #1 | 20,400.00 | 6,760.00 | 3,621.95 | 3,116.64 | 7.168 | SF |
| ABND VERT OSTER G 34-29 GYRO - OWB - GYRO | 19,215.76 | 6,733.53 | 951.32 | 590.27 | 2.635 | CC, ES |
| ABND VERT OSTER G 34-29 GYRO - OWB - GYRO | 19,300.00 | 6,732.83 | 955.04 | 591.73 | 2.629 | SF |
| ABND VERT OSTER PM G 27-14 GYRO - OWB - GYRO | 18,392.74 | 6,720.89 | 665.11 | 325.95 | 1.961 | CC |
| ABND VERT OSTER PM G 27-14 GYRO - OWB - GYRO | 18,400.00 | 6,720.88 | 665.15 | 325.64 | 1.959 | ES, SF |
| ABND VERT OSTER R G 27-13 GYRO - OWB - GYRO | 19,951.28 | 6,747.70 | 464.13 | 82.94 | 1.218 | Level 2, CC, ES, SF |
| EXIST HZ ANDERSON 2-27 - OWB - FINAL SURVEY | 17,511.25 | 6,873.80 | 3,675.24 | 3,339.27 | 10.939 | CC |
| EXIST HZ ANDERSON 2-27 - OWB - FINAL SURVEY | 17,600.00 | 6,870.48 | 3,676.31 | 3,338.40 | 10.880 | ES |
| EXIST HZ ANDERSON 2-27 - OWB - FINAL SURVEY | 18,000.00 | 6,856.76 | 3,707.56 | 3,363.19 | 10.766 | SF |
| EXIST HZ LIBACK 44-27 - OWB - FINAL SURVEY | 16,049.39 | 6,748.29 | 386.14 | 91.75 | 1.312 | Level 3, CC, ES, SF |
| EXIST HZ LIBSACK 4-8-27 - OWB - GYRO | 17,906.43 | 6,873.21 | 1,098.68 | 771.36 | 3.357 | CC, ES |
| EXIST HZ LIBSACK 4-8-27 - OWB - GYRO | 18,000.00 | 6,874.54 | 1,102.65 | 772.65 | 3.341 | SF |
| EXIST HZ LIBSACK 8-4-27 - OWB - FINAL SURVEY | 15,361.79 | 6,736.18 | 1,425.25 | 1,146.93 | 5.121 | CC |
| EXIST HZ LIBSACK 8-4-27 - OWB - FINAL SURVEY | 15,400.00 | 6,736.27 | 1,425.76 | 1,146.93 | 5.113 | ES, SF |
| EXIST HZ LIBSACK 8-6-27 GYRO - OWB - GYRO | 15,338.35 | 6,816.34 | 168.67 | -88.68 | 0.655 | Level 1, CC, ES, SF |
| EXIST HZ LORY 12N - OWB - FINAL SURVEY | 20,442.82 | 13,511.28 | 404.83 | 245.89 | 2.547 | CC, ES, SF |
| EXIST VERT ANDERSON 41-27 - OWB - Design #1 | 16,024.18 | 6,707.00 | 3,655.98 | 3,266.75 | 9.393 | CC |
| EXIST VERT ANDERSON 41-27 - OWB - Design #1 | 16,100.00 | 6,707.00 | 3,656.77 | 3,265.88 | 9.355 | ES |
| EXIST VERT ANDERSON 41-27 - OWB - Design #1 | 16,500.00 | 6,707.00 | 3,686.82 | 3,289.13 | 9.271 | SF |
| EXIST VERT HORN-LIBSACK 1 - OWB - Design #1 | 16,315.21 | 6,715.00 | 504.92 | 107.70 | 1.271 | Level 3, CC, ES, SF |
| EXIST VERT OSTER 13-27 GYRO - OWB - GYRO | 19,708.69 | 6,754.40 | 619.90 | 245.52 | 1.656 | CC, ES, SF |
| EXIST VERT OSTER 13-27B GYRO - OWB - GYRO | 20,155.66 | 6,760.84 | 1,049.77 | 663.30 | 2.716 | CC, ES, SF |
| SI VERT LIBSACK 43-27 - OWB - Design #1 | 15,959.63 | 6,717.00 | 993.18 | 605.51 | 2.562 | CC, ES, SF |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 1 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (") | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -95.29 | -370.18 | -3,998.52 | 4,016.23 | | | | | |
| 100.00 | 100.00 | 26.02 | 26.02 | 0.13 | 0.03 | -95.29 | -370.19 | -3,998.53 | 4,015.63 | 4,015.47 | 0.16 | N/A | | |
| 200.00 | 200.00 | 116.37 | 116.37 | 0.49 | 0.13 | -95.29 | -370.40 | -3,998.75 | 4,015.89 | 4,015.27 | 0.62 | 6,478.547 | | |
| 300.00 | 300.00 | 224.62 | 224.62 | 0.85 | 0.26 | -95.29 | -370.58 | -3,998.96 | 4,016.10 | 4,014.99 | 1.10 | 3,635.042 | | |
| 400.00 | 400.00 | 322.50 | 322.50 | 1.21 | 0.32 | -95.30 | -370.91 | -3,999.08 | 4,016.25 | 4,014.72 | 1.53 | 2,628.512 | | |
| 500.00 | 500.00 | 414.53 | 414.53 | 1.57 | 0.37 | -95.30 | -371.06 | -3,999.31 | 4,016.51 | 4,014.58 | 1.93 | 2,077.189 | | |
| 600.00 | 599.98 | 498.08 | 498.07 | 1.92 | 0.42 | 20.51 | -370.90 | -3,999.82 | 4,015.47 | 4,013.14 | 2.33 | 1,722.850 | | |
| 700.00 | 699.84 | 571.96 | 571.95 | 2.26 | 0.46 | 20.57 | -370.27 | -4,000.70 | 4,011.68 | 4,008.97 | 2.71 | 1,477.991 | | |
| 800.00 | 799.45 | 659.23 | 659.19 | 2.62 | 0.50 | 20.68 | -368.83 | -4,002.30 | 4,005.18 | 4,002.07 | 3.11 | 1,287.875 | | |
| 900.00 | 898.70 | 760.15 | 760.08 | 2.99 | 0.55 | 20.83 | -367.24 | -4,004.23 | 3,995.53 | 3,992.02 | 3.52 | 1,136.247 | | |
| 1,000.00 | 997.47 | 868.55 | 868.45 | 3.39 | 0.60 | 21.04 | -365.72 | -4,006.12 | 3,982.50 | 3,978.57 | 3.93 | 1,013.184 | | |
| 1,100.00 | 1,095.62 | 975.74 | 975.62 | 3.81 | 0.65 | 21.29 | -364.31 | -4,007.71 | 3,966.01 | 3,961.66 | 4.35 | 912.091 | | |
| 1,200.00 | 1,193.06 | 1,074.42 | 1,074.28 | 4.27 | 0.69 | 21.58 | -362.93 | -4,009.04 | 3,946.21 | 3,941.44 | 4.77 | 827.642 | | |
| 1,300.00 | 1,289.64 | 1,172.03 | 1,171.88 | 4.77 | 0.73 | 21.92 | -361.57 | -4,010.36 | 3,923.26 | 3,918.07 | 5.20 | 755.119 | | |
| 1,400.00 | 1,385.27 | 1,281.26 | 1,281.09 | 5.31 | 0.78 | 22.32 | -360.30 | -4,011.65 | 3,897.07 | 3,891.43 | 5.64 | 691.348 | | |
| 1,500.00 | 1,479.82 | 1,397.18 | 1,397.00 | 5.91 | 0.82 | 22.81 | -359.17 | -4,012.45 | 3,867.36 | 3,861.27 | 6.09 | 635.309 | | |
| 1,600.00 | 1,573.19 | 1,488.75 | 1,488.56 | 6.55 | 0.86 | 23.24 | -358.17 | -4,012.84 | 3,834.44 | 3,827.90 | 6.54 | 585.878 | | |
| 1,700.00 | 1,666.16 | 1,584.05 | 1,583.86 | 7.23 | 0.89 | 23.48 | -357.11 | -4,013.25 | 3,800.60 | 3,793.60 | 7.00 | 542.784 | | |
| 1,800.00 | 1,759.13 | 1,685.20 | 1,685.00 | 7.93 | 0.93 | 23.74 | -356.16 | -4,013.55 | 3,766.69 | 3,759.22 | 7.47 | 504.386 | | |
| 1,900.00 | 1,852.10 | 1,800.08 | 1,799.88 | 8.64 | 0.96 | 24.03 | -355.37 | -4,013.40 | 3,732.47 | 3,724.54 | 7.93 | 470.524 | | |
| 2,000.00 | 1,945.06 | 1,892.34 | 1,892.13 | 9.35 | 0.98 | 24.26 | -354.82 | -4,013.00 | 3,698.02 | 3,689.62 | 8.40 | 440.096 | | |
| 2,100.00 | 2,038.03 | 1,985.81 | 1,985.61 | 10.08 | 1.00 | 24.51 | -354.33 | -4,012.59 | 3,663.63 | 3,654.75 | 8.88 | 412.610 | | |
| 2,200.00 | 2,131.00 | 2,090.03 | 2,089.82 | 10.81 | 1.02 | 24.78 | -353.99 | -4,011.96 | 3,629.16 | 3,619.81 | 9.36 | 387.844 | | |
| 2,300.00 | 2,223.97 | 2,196.60 | 2,196.39 | 11.54 | 1.03 | 25.06 | -353.79 | -4,010.92 | 3,594.41 | 3,584.57 | 9.84 | 365.263 | | |
| 2,400.00 | 2,316.94 | 2,284.53 | 2,284.31 | 12.28 | 1.05 | 25.30 | -353.56 | -4,009.94 | 3,559.59 | 3,549.25 | 10.33 | 344.439 | | |
| 2,500.00 | 2,409.90 | 2,390.83 | 2,390.60 | 13.02 | 1.06 | 25.60 | -353.37 | -4,008.67 | 3,524.76 | 3,513.93 | 10.83 | 325.513 | | |
| 2,600.00 | 2,502.87 | 2,503.34 | 2,503.10 | 13.77 | 1.08 | 25.90 | -353.59 | -4,006.72 | 3,489.51 | 3,478.19 | 11.32 | 308.136 | | |
| 2,700.00 | 2,595.84 | 2,591.79 | 2,591.53 | 14.51 | 1.09 | 26.15 | -353.92 | -4,004.99 | 3,454.11 | 3,442.28 | 11.83 | 291.871 | | |
| 2,800.00 | 2,688.81 | 2,675.65 | 2,675.38 | 15.26 | 1.10 | 26.39 | -354.31 | -4,003.48 | 3,418.93 | 3,406.58 | 12.35 | 276.803 | | |
| 2,900.00 | 2,781.77 | 2,773.32 | 2,773.03 | 16.01 | 1.12 | 26.66 | -355.04 | -4,001.83 | 3,383.93 | 3,371.06 | 12.87 | 262.977 | | |
| 3,000.00 | 2,874.74 | 2,868.18 | 2,867.87 | 16.76 | 1.13 | 26.93 | -355.91 | -4,000.04 | 3,348.79 | 3,335.40 | 13.39 | 250.099 | | |
| 3,100.00 | 2,967.71 | 2,953.19 | 2,952.86 | 17.52 | 1.14 | 27.18 | -356.56 | -3,998.49 | 3,313.79 | 3,299.87 | 13.92 | 238.020 | | |
| 3,200.00 | 3,060.68 | 3,032.81 | 3,032.47 | 18.27 | 1.16 | 27.42 | -357.06 | -3,997.30 | 3,279.16 | 3,264.70 | 14.46 | 226.723 | | |
| 3,300.00 | 3,153.65 | 3,112.68 | 3,112.33 | 19.03 | 1.17 | 27.66 | -357.73 | -3,996.47 | 3,245.01 | 3,230.00 | 15.01 | 216.201 | | |
| 3,400.00 | 3,246.61 | 3,209.40 | 3,209.05 | 19.78 | 1.18 | 27.96 | -358.57 | -3,995.56 | 3,211.03 | 3,195.48 | 15.55 | 206.491 | | |
| 3,500.00 | 3,339.58 | 3,284.38 | 3,284.02 | 20.54 | 1.19 | 28.20 | -359.18 | -3,995.04 | 3,177.36 | 3,161.25 | 16.11 | 197.225 | | |
| 3,600.00 | 3,432.55 | 3,369.22 | 3,368.86 | 21.30 | 1.20 | 28.47 | -359.88 | -3,994.80 | 3,144.14 | 3,127.47 | 16.67 | 188.621 | | |
| 3,700.00 | 3,525.52 | 3,459.19 | 3,458.82 | 22.06 | 1.22 | 28.76 | -360.66 | -3,994.69 | 3,111.16 | 3,093.93 | 17.23 | 180.576 | | |
| 3,800.00 | 3,618.49 | 3,549.39 | 3,549.03 | 22.82 | 1.23 | 29.06 | -361.36 | -3,994.64 | 3,078.32 | 3,060.52 | 17.79 | 173.000 | | |
| 3,900.00 | 3,711.45 | 3,636.21 | 3,635.84 | 23.57 | 1.24 | 29.37 | -361.71 | -3,994.71 | 3,045.69 | 3,027.33 | 18.37 | 165.826 | | |
| 4,000.00 | 3,804.42 | 3,722.79 | 3,722.42 | 24.33 | 1.25 | 29.67 | -362.33 | -3,995.01 | 3,013.41 | 2,994.46 | 18.94 | 159.062 | | |
| 4,100.00 | 3,897.39 | 3,817.16 | 3,816.78 | 25.09 | 1.27 | 30.00 | -363.37 | -3,995.41 | 2,981.26 | 2,961.74 | 19.52 | 152.725 | | |
| 4,200.00 | 3,990.36 | 3,911.90 | 3,911.51 | 25.86 | 1.28 | 30.33 | -364.61 | -3,995.77 | 2,949.17 | 2,929.07 | 20.10 | 146.722 | | |
| 4,300.00 | 4,083.32 | 4,005.18 | 4,004.78 | 26.62 | 1.30 | 30.66 | -365.83 | -3,996.11 | 2,917.14 | 2,896.46 | 20.69 | 141.012 | | |
| 4,400.00 | 4,176.29 | 4,083.12 | 4,082.72 | 27.38 | 1.31 | 30.95 | -366.69 | -3,996.61 | 2,885.47 | 2,864.18 | 21.30 | 135.498 | | |
| 4,500.00 | 4,269.26 | 4,164.36 | 4,163.95 | 28.14 | 1.32 | 31.26 | -367.40 | -3,997.50 | 2,854.35 | 2,832.44 | 21.91 | 130.289 | | |
| 4,600.00 | 4,362.23 | 4,254.33 | 4,253.91 | 28.90 | 1.34 | 31.61 | -368.17 | -3,998.78 | 2,823.63 | 2,801.11 | 22.52 | 125.396 | | |
| 4,700.00 | 4,455.20 | 4,351.87 | 4,351.43 | 29.66 | 1.36 | 31.99 | -369.40 | -4,000.14 | 2,792.97 | 2,769.84 | 23.12 | 120.781 | | |
| 4,800.00 | 4,548.16 | 4,445.32 | 4,444.86 | 30.43 | 1.37 | 32.36 | -370.59 | -4,001.32 | 2,762.30 | 2,738.56 | 23.74 | 116.348 | | |
| 4,900.00 | 4,641.13 | 4,532.19 | 4,531.72 | 31.19 | 1.39 | 32.71 | -371.48 | -4,002.54 | 2,731.88 | 2,707.51 | 24.37 | 112.078 | | |
| 5,000.00 | 4,734.10 | 4,623.03 | 4,622.54 | 31.95 | 1.41 | 33.09 | -372.60 | -4,004.09 | 2,701.85 | 2,676.84 | 25.01 | 108.033 | | |
| 5,100.00 | 4,827.07 | 4,731.42 | 4,730.91 | 32.71 | 1.43 | 33.54 | -374.18 | -4,005.53 | 2,671.54 | 2,645.92 | 25.63 | 104.250 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 1 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,824.38 | 4,823.86 | 33.48 | 1.45 | 33.95 | -375.13 | -4,006.56 | 2,641.21 | 2,614.94 | 26.27 | 100.530 | | |
| 5,300.00 | 5,013.00 | 4,917.06 | 4,916.53 | 34.24 | 1.46 | 34.38 | -375.54 | -4,007.52 | 2,611.02 | 2,584.09 | 26.93 | 96.954 | | |
| 5,400.00 | 5,105.97 | 5,006.11 | 5,005.58 | 35.00 | 1.48 | 34.80 | -375.67 | -4,008.54 | 2,581.09 | 2,553.48 | 27.60 | 93.507 | | |
| 5,500.00 | 5,198.94 | 5,109.26 | 5,108.72 | 35.77 | 1.50 | 35.30 | -376.02 | -4,009.61 | 2,551.19 | 2,522.93 | 28.26 | 90.267 | | |
| 5,600.00 | 5,291.91 | 5,207.31 | 5,206.77 | 36.53 | 1.52 | 35.79 | -376.32 | -4,010.35 | 2,521.19 | 2,492.25 | 28.94 | 87.123 | | |
| 5,700.00 | 5,384.87 | 5,291.20 | 5,290.66 | 37.29 | 1.54 | 36.22 | -376.51 | -4,011.06 | 2,491.45 | 2,461.81 | 29.65 | 84.042 | | |
| 5,800.00 | 5,477.84 | 5,393.35 | 5,392.80 | 38.06 | 1.56 | 36.75 | -376.84 | -4,011.97 | 2,461.91 | 2,431.57 | 30.33 | 81.164 | | |
| 5,900.00 | 5,570.81 | 5,484.66 | 5,484.11 | 38.82 | 1.58 | 37.23 | -377.22 | -4,012.61 | 2,432.35 | 2,401.31 | 31.04 | 78.349 | | |
| 6,000.00 | 5,663.78 | 5,585.93 | 5,585.37 | 39.59 | 1.61 | 37.78 | -377.81 | -4,013.28 | 2,402.91 | 2,371.16 | 31.75 | 75.688 | | |
| 6,100.00 | 5,756.75 | 5,680.87 | 5,680.31 | 40.35 | 1.63 | 38.30 | -378.47 | -4,013.68 | 2,373.40 | 2,340.93 | 32.47 | 73.098 | | |
| 6,200.00 | 5,849.71 | 5,770.43 | 5,769.86 | 41.12 | 1.65 | 38.81 | -378.96 | -4,014.07 | 2,344.12 | 2,310.91 | 33.21 | 70.583 | | |
| 6,300.00 | 5,942.68 | 5,864.27 | 5,863.70 | 41.88 | 1.67 | 39.35 | -379.53 | -4,014.61 | 2,315.16 | 2,281.20 | 33.95 | 68.183 | | |
| 6,400.00 | 6,035.65 | 5,961.43 | 5,960.85 | 42.64 | 1.69 | 39.92 | -380.34 | -4,015.08 | 2,286.27 | 2,251.57 | 34.70 | 65.885 | | |
| 6,500.00 | 6,128.62 | 6,053.58 | 6,053.01 | 43.41 | 1.71 | 40.49 | -380.67 | -4,015.33 | 2,257.49 | 2,222.02 | 35.47 | 63.646 | | |
| 6,600.00 | 6,221.59 | 6,143.53 | 6,142.95 | 44.17 | 1.73 | 41.07 | -380.67 | -4,015.63 | 2,229.08 | 2,192.82 | 36.26 | 61.479 | | |
| 6,700.00 | 6,314.55 | 6,241.27 | 6,240.70 | 44.94 | 1.74 | 41.70 | -380.73 | -4,016.02 | 2,200.94 | 2,163.90 | 37.04 | 59.422 | | |
| 6,800.00 | 6,407.52 | 6,338.09 | 6,337.52 | 45.70 | 1.74 | 42.37 | -380.39 | -4,015.89 | 2,172.67 | 2,134.84 | 37.83 | 57.430 | | |
| 6,900.00 | 6,499.98 | 6,427.46 | 6,426.89 | 46.49 | 1.75 | 39.26 | -379.88 | -4,015.91 | 2,143.52 | 2,104.85 | 38.67 | 55.435 | | |
| 7,000.00 | 6,586.50 | 6,523.78 | 6,523.20 | 47.49 | 1.75 | 35.36 | -379.22 | -4,015.60 | 2,101.49 | 2,061.91 | 39.58 | 53.094 | | |
| 7,100.00 | 6,663.58 | 6,602.48 | 6,601.89 | 48.75 | 1.75 | 35.29 | -378.62 | -4,015.13 | 2,045.27 | 2,004.66 | 40.61 | 50.366 | | |
| 7,200.00 | 6,728.87 | 6,662.19 | 6,661.60 | 50.23 | 1.75 | 38.12 | -378.09 | -4,014.80 | 1,976.94 | 1,935.21 | 41.73 | 47.373 | | |
| 7,300.00 | 6,780.38 | 6,709.84 | 6,709.25 | 51.91 | 1.75 | 44.41 | -377.61 | -4,014.62 | 1,898.73 | 1,855.82 | 42.91 | 44.245 | | |
| 7,400.00 | 6,816.56 | 6,744.06 | 6,743.47 | 53.74 | 1.76 | 55.72 | -377.25 | -4,014.54 | 1,813.03 | 1,768.89 | 44.14 | 41.076 | | |
| 7,500.00 | 6,836.29 | 6,762.74 | 6,762.14 | 55.65 | 1.76 | 74.03 | -377.06 | -4,014.51 | 1,722.43 | 1,677.04 | 45.39 | 37.946 | | |
| 7,600.00 | 6,840.00 | 6,766.16 | 6,765.57 | 57.58 | 1.76 | 89.59 | -377.02 | -4,014.50 | 1,629.72 | 1,583.06 | 46.66 | 34.926 | | |
| 7,700.00 | 6,840.00 | 6,766.04 | 6,765.44 | 59.56 | 1.76 | 89.57 | -377.02 | -4,014.50 | 1,537.52 | 1,489.45 | 48.07 | 31.986 | | |
| 7,800.00 | 6,840.00 | 6,765.91 | 6,765.32 | 61.60 | 1.76 | 89.56 | -377.03 | -4,014.50 | 1,446.35 | 1,396.67 | 49.67 | 29.118 | | |
| 7,900.00 | 6,840.00 | 6,765.79 | 6,765.20 | 63.69 | 1.76 | 89.55 | -377.03 | -4,014.50 | 1,356.42 | 1,304.91 | 51.51 | 26.334 | | |
| 8,000.00 | 6,840.00 | 6,765.66 | 6,765.07 | 65.82 | 1.76 | 89.54 | -377.03 | -4,014.50 | 1,268.00 | 1,214.39 | 53.61 | 23.650 | | |
| 8,100.00 | 6,840.00 | 6,765.54 | 6,764.95 | 67.99 | 1.76 | 89.53 | -377.03 | -4,014.50 | 1,181.44 | 1,125.40 | 56.03 | 21.084 | | |
| 8,200.00 | 6,840.00 | 6,765.41 | 6,764.82 | 70.21 | 1.76 | 89.52 | -377.03 | -4,014.50 | 1,097.16 | 1,038.34 | 58.82 | 18.654 | | |
| 8,300.00 | 6,840.00 | 6,765.29 | 6,764.69 | 72.45 | 1.76 | 89.50 | -377.03 | -4,014.50 | 1,015.73 | 953.73 | 62.00 | 16.382 | | |
| 8,400.00 | 6,840.00 | 6,765.16 | 6,764.57 | 74.73 | 1.76 | 89.49 | -377.03 | -4,014.50 | 937.91 | 872.27 | 65.63 | 14.290 | | |
| 8,500.00 | 6,840.00 | 6,765.03 | 6,764.44 | 77.04 | 1.76 | 89.48 | -377.04 | -4,014.50 | 864.65 | 794.94 | 69.71 | 12.403 | | |
| 8,600.00 | 6,840.00 | 6,764.90 | 6,764.31 | 79.38 | 1.76 | 89.47 | -377.04 | -4,014.50 | 797.24 | 723.04 | 74.19 | 10.745 | | |
| 8,700.00 | 6,840.00 | 6,764.77 | 6,764.18 | 81.74 | 1.76 | 89.46 | -377.04 | -4,014.50 | 737.25 | 658.33 | 78.92 | 9.342 | | |
| 8,800.00 | 6,840.00 | 6,764.64 | 6,764.05 | 84.12 | 1.76 | 89.44 | -377.04 | -4,014.50 | 686.66 | 603.08 | 83.58 | 8.215 | | |
| 8,900.00 | 6,840.00 | 6,764.51 | 6,763.92 | 86.52 | 1.76 | 89.43 | -377.04 | -4,014.50 | 647.66 | 559.98 | 87.68 | 7.387 | | |
| 9,000.00 | 6,840.00 | 6,764.38 | 6,763.79 | 88.94 | 1.76 | 89.42 | -377.04 | -4,014.50 | 622.43 | 531.86 | 90.57 | 6.872 | | |
| 9,100.00 | 6,840.00 | 6,764.25 | 6,763.66 | 91.38 | 1.76 | 89.41 | -377.04 | -4,014.50 | 612.68 | 521.01 | 91.67 | 6.683 | | |
| 9,110.21 | 6,840.00 | 6,764.23 | 6,763.64 | 91.63 | 1.76 | 89.41 | -377.04 | -4,014.50 | 612.60 | 520.92 | 91.67 | 6.682 CC, ES, SF | | |
| 9,200.00 | 6,840.00 | 6,764.12 | 6,763.52 | 93.83 | 1.76 | 89.39 | -377.04 | -4,014.50 | 619.14 | 528.43 | 90.71 | 6.825 | | |
| 9,300.00 | 6,840.00 | 6,763.98 | 6,763.39 | 96.30 | 1.76 | 89.38 | -377.05 | -4,014.50 | 641.32 | 553.43 | 87.89 | 7.297 | | |
| 9,400.00 | 6,840.00 | 6,763.85 | 6,763.25 | 98.79 | 1.76 | 89.37 | -377.05 | -4,014.50 | 677.68 | 593.91 | 83.77 | 8.090 | | |
| 9,500.00 | 6,840.00 | 6,763.71 | 6,763.12 | 101.28 | 1.76 | 89.36 | -377.05 | -4,014.50 | 726.09 | 647.08 | 79.01 | 9.189 | | |
| 9,600.00 | 6,840.00 | 6,763.57 | 6,762.98 | 103.79 | 1.76 | 89.34 | -377.05 | -4,014.51 | 784.33 | 710.17 | 74.15 | 10.577 | | |
| 9,700.00 | 6,840.00 | 6,763.44 | 6,762.85 | 106.30 | 1.76 | 89.33 | -377.05 | -4,014.51 | 850.37 | 780.84 | 69.53 | 12.230 | | |
| 9,800.00 | 6,840.00 | 6,763.30 | 6,762.71 | 108.83 | 1.76 | 89.32 | -377.05 | -4,014.51 | 922.54 | 857.21 | 65.33 | 14.121 | | |
| 9,900.00 | 6,840.00 | 6,763.16 | 6,762.57 | 111.37 | 1.76 | 89.31 | -377.05 | -4,014.51 | 999.52 | 937.92 | 61.60 | 16.226 | | |
| 10,000.00 | 6,840.00 | 6,763.02 | 6,762.43 | 113.91 | 1.76 | 89.29 | -377.06 | -4,014.51 | 1,080.28 | 1,021.94 | 58.34 | 18.516 | | |
| 10,100.00 | 6,840.00 | 6,762.88 | 6,762.29 | 116.47 | 1.76 | 89.28 | -377.06 | -4,014.51 | 1,164.03 | 1,108.51 | 55.52 | 20.967 | | |
| 10,200.00 | 6,840.00 | 6,762.74 | 6,762.15 | 119.03 | 1.76 | 89.27 | -377.06 | -4,014.51 | 1,250.17 | 1,197.09 | 53.08 | 23.553 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 1 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,762.60 | 6,762.01 | 121.59 | 1.76 | 89.25 | -377.06 | -4,014.51 | 1,338.24 | 1,287.26 | 50.97 | 26.253 | | |
| 10,400.00 | 6,840.00 | 6,762.46 | 6,761.86 | 124.17 | 1.76 | 89.24 | -377.06 | -4,014.51 | 1,427.88 | 1,378.72 | 49.16 | 29.046 | | |
| 10,500.00 | 6,840.00 | 6,762.31 | 6,761.72 | 126.75 | 1.76 | 89.23 | -377.06 | -4,014.51 | 1,518.81 | 1,471.22 | 47.59 | 31.916 | | |
| 10,600.00 | 6,840.00 | 6,762.17 | 6,761.58 | 129.34 | 1.76 | 89.21 | -377.07 | -4,014.51 | 1,610.82 | 1,564.59 | 46.23 | 34.845 | | |
| 10,700.00 | 6,840.00 | 6,762.02 | 6,761.43 | 131.93 | 1.76 | 89.20 | -377.07 | -4,014.51 | 1,703.73 | 1,658.69 | 45.05 | 37.822 | | |
| 10,800.00 | 6,840.00 | 6,761.88 | 6,761.28 | 134.53 | 1.76 | 89.18 | -377.07 | -4,014.51 | 1,797.41 | 1,753.39 | 44.02 | 40.835 | | |
| 10,900.00 | 6,840.00 | 6,761.73 | 6,761.14 | 137.13 | 1.76 | 89.17 | -377.07 | -4,014.51 | 1,891.72 | 1,848.61 | 43.12 | 43.874 | | |
| 11,000.00 | 6,840.00 | 6,761.58 | 6,760.99 | 139.73 | 1.76 | 89.16 | -377.07 | -4,014.51 | 1,986.60 | 1,944.27 | 42.33 | 46.932 | | |
| 11,100.00 | 6,840.00 | 6,761.43 | 6,760.84 | 142.35 | 1.76 | 89.14 | -377.07 | -4,014.51 | 2,081.96 | 2,040.32 | 41.64 | 50.001 | | |
| 11,200.00 | 6,840.00 | 6,761.28 | 6,760.69 | 144.96 | 1.76 | 89.13 | -377.07 | -4,014.51 | 2,177.73 | 2,136.70 | 41.03 | 53.077 | | |
| 11,300.00 | 6,840.00 | 6,761.13 | 6,760.54 | 147.58 | 1.76 | 89.12 | -377.08 | -4,014.51 | 2,273.86 | 2,233.37 | 40.49 | 56.154 | | |
| 11,400.00 | 6,840.00 | 6,760.98 | 6,760.39 | 150.20 | 1.76 | 89.10 | -377.08 | -4,014.51 | 2,370.32 | 2,330.30 | 40.02 | 59.229 | | |
| 11,500.00 | 6,840.00 | 6,760.83 | 6,760.24 | 152.83 | 1.76 | 89.09 | -377.08 | -4,014.51 | 2,467.06 | 2,427.46 | 39.60 | 62.300 | | |
| 11,600.00 | 6,840.00 | 6,760.67 | 6,760.08 | 155.46 | 1.76 | 89.07 | -377.08 | -4,014.51 | 2,564.04 | 2,524.82 | 39.23 | 65.363 | | |
| 11,700.00 | 6,840.00 | 6,760.52 | 6,759.93 | 158.09 | 1.76 | 89.06 | -377.08 | -4,014.51 | 2,661.26 | 2,622.36 | 38.90 | 68.417 | | |
| 11,800.00 | 6,840.00 | 6,760.36 | 6,759.77 | 160.73 | 1.76 | 89.04 | -377.08 | -4,014.51 | 2,758.67 | 2,720.06 | 38.60 | 71.460 | | |
| 11,900.00 | 6,840.00 | 6,760.21 | 6,759.62 | 163.36 | 1.76 | 89.03 | -377.09 | -4,014.51 | 2,856.26 | 2,817.91 | 38.34 | 74.490 | | |
| 12,000.00 | 6,840.00 | 6,760.05 | 6,759.46 | 166.01 | 1.76 | 89.01 | -377.09 | -4,014.51 | 2,954.01 | 2,915.89 | 38.11 | 77.508 | | |
| 12,100.00 | 6,840.00 | 6,759.89 | 6,759.30 | 168.65 | 1.76 | 89.00 | -377.09 | -4,014.51 | 3,051.90 | 3,014.00 | 37.91 | 80.512 | | |
| 12,200.00 | 6,840.00 | 6,759.73 | 6,759.14 | 171.30 | 1.76 | 88.98 | -377.09 | -4,014.51 | 3,149.93 | 3,112.21 | 37.72 | 83.501 | | |
| 12,300.00 | 6,840.00 | 6,759.57 | 6,758.98 | 173.94 | 1.76 | 88.97 | -377.09 | -4,014.51 | 3,248.08 | 3,210.52 | 37.56 | 86.475 | | |
| 12,400.00 | 6,840.00 | 6,759.41 | 6,758.82 | 176.59 | 1.76 | 88.95 | -377.09 | -4,014.51 | 3,346.34 | 3,308.92 | 37.42 | 89.434 | | |
| 12,500.00 | 6,840.00 | 6,759.25 | 6,758.66 | 179.25 | 1.76 | 88.94 | -377.10 | -4,014.51 | 3,444.70 | 3,407.41 | 37.29 | 92.377 | | |
| 12,600.00 | 6,840.00 | 6,759.08 | 6,758.49 | 181.90 | 1.76 | 88.92 | -377.10 | -4,014.51 | 3,543.15 | 3,505.97 | 37.18 | 95.304 | | |
| 12,700.00 | 6,840.00 | 6,758.92 | 6,758.33 | 184.56 | 1.76 | 88.91 | -377.10 | -4,014.51 | 3,641.68 | 3,604.60 | 37.08 | 98.216 | | |
| 12,800.00 | 6,840.00 | 6,758.75 | 6,758.16 | 187.22 | 1.76 | 88.89 | -377.10 | -4,014.51 | 3,740.30 | 3,703.30 | 36.99 | 101.112 | | |
| 12,900.00 | 6,840.00 | 6,758.59 | 6,758.00 | 189.88 | 1.76 | 88.88 | -377.10 | -4,014.51 | 3,838.98 | 3,802.06 | 36.92 | 103.991 | | |
| 13,000.00 | 6,840.00 | 6,758.42 | 6,757.83 | 192.54 | 1.76 | 88.86 | -377.10 | -4,014.51 | 3,937.73 | 3,900.88 | 36.85 | 106.855 | | |
| 13,100.00 | 6,840.00 | 6,758.25 | 6,757.66 | 195.20 | 1.76 | 88.85 | -377.11 | -4,014.51 | 4,036.54 | 3,999.75 | 36.80 | 109.703 | | |
| 13,200.00 | 6,840.00 | 6,758.08 | 6,757.49 | 197.87 | 1.76 | 88.83 | -377.11 | -4,014.51 | 4,135.41 | 4,098.66 | 36.75 | 112.535 | | |
| 13,300.00 | 6,840.00 | 6,757.91 | 6,757.32 | 200.53 | 1.76 | 88.81 | -377.11 | -4,014.51 | 4,234.34 | 4,197.63 | 36.71 | 115.351 | | |
| 13,400.00 | 6,840.00 | 6,757.74 | 6,757.15 | 203.20 | 1.76 | 88.80 | -377.11 | -4,014.51 | 4,333.31 | 4,296.63 | 36.68 | 118.151 | | |
| 13,500.00 | 6,840.00 | 6,757.56 | 6,756.97 | 205.87 | 1.76 | 88.78 | -377.11 | -4,014.51 | 4,432.33 | 4,395.68 | 36.65 | 120.935 | | |
| 13,600.00 | 6,840.00 | 6,757.39 | 6,756.80 | 208.54 | 1.76 | 88.77 | -377.11 | -4,014.51 | 4,531.39 | 4,494.76 | 36.63 | 123.704 | | |
| 13,700.00 | 6,840.00 | 6,757.21 | 6,756.62 | 211.22 | 1.76 | 88.75 | -377.12 | -4,014.51 | 4,630.49 | 4,593.87 | 36.62 | 126.458 | | |
| 13,800.00 | 6,840.00 | 6,757.04 | 6,756.45 | 213.89 | 1.76 | 88.73 | -377.12 | -4,014.51 | 4,729.63 | 4,693.02 | 36.61 | 129.196 | | |
| 13,900.00 | 6,840.00 | 6,756.86 | 6,756.27 | 216.56 | 1.76 | 88.72 | -377.12 | -4,014.52 | 4,828.80 | 4,792.20 | 36.60 | 131.918 | | |
| 14,000.00 | 6,840.00 | 6,756.68 | 6,756.09 | 219.24 | 1.76 | 88.70 | -377.12 | -4,014.52 | 4,928.01 | 4,891.41 | 36.61 | 134.625 | | |
| 14,100.00 | 6,840.00 | 6,756.50 | 6,755.91 | 221.92 | 1.76 | 88.68 | -377.12 | -4,014.52 | 5,027.25 | 4,990.64 | 36.61 | 137.317 | | |
| 14,200.00 | 6,840.00 | 6,756.32 | 6,755.73 | 224.59 | 1.76 | 88.67 | -377.13 | -4,014.52 | 5,126.52 | 5,089.90 | 36.62 | 139.994 | | |
| 14,300.00 | 6,840.00 | 6,756.14 | 6,755.55 | 227.27 | 1.76 | 88.65 | -377.13 | -4,014.52 | 5,225.82 | 5,189.18 | 36.63 | 142.656 | | |
| 14,400.00 | 6,840.00 | 6,755.95 | 6,755.36 | 229.95 | 1.76 | 88.63 | -377.13 | -4,014.52 | 5,325.14 | 5,288.49 | 36.65 | 145.303 | | |
| 14,500.00 | 6,840.00 | 6,755.77 | 6,755.18 | 232.63 | 1.76 | 88.61 | -377.13 | -4,014.52 | 5,424.49 | 5,387.82 | 36.67 | 147.935 | | |
| 14,600.00 | 6,840.00 | 6,755.58 | 6,754.99 | 235.31 | 1.76 | 88.60 | -377.13 | -4,014.52 | 5,523.86 | 5,487.17 | 36.69 | 150.553 | | |
| 14,700.00 | 6,840.00 | 6,755.39 | 6,754.80 | 238.00 | 1.76 | 88.58 | -377.14 | -4,014.52 | 5,623.25 | 5,586.54 | 36.72 | 153.155 | | |
| 14,800.00 | 6,840.00 | 6,755.20 | 6,754.61 | 240.68 | 1.76 | 88.56 | -377.14 | -4,014.52 | 5,722.67 | 5,685.92 | 36.74 | 155.743 | | |
| 14,900.00 | 6,840.00 | 6,755.01 | 6,754.42 | 243.36 | 1.76 | 88.54 | -377.14 | -4,014.52 | 5,822.10 | 5,785.33 | 36.78 | 158.316 | | |
| 15,000.00 | 6,840.00 | 6,754.82 | 6,754.23 | 246.05 | 1.76 | 88.53 | -377.14 | -4,014.52 | 5,921.56 | 5,884.75 | 36.81 | 160.875 | | |
| 15,100.00 | 6,840.00 | 6,754.63 | 6,754.04 | 248.74 | 1.76 | 88.51 | -377.14 | -4,014.52 | 6,021.03 | 5,984.19 | 36.84 | 163.420 | | |
| 15,200.00 | 6,840.00 | 6,754.44 | 6,753.84 | 251.42 | 1.76 | 88.49 | -377.15 | -4,014.52 | 6,120.52 | 6,083.64 | 36.88 | 165.950 | | |
| 15,300.00 | 6,840.00 | 6,754.24 | 6,753.65 | 254.11 | 1.76 | 88.47 | -377.15 | -4,014.52 | 6,220.03 | 6,183.10 | 36.92 | 168.465 | | |
| 15,400.00 | 6,840.00 | 6,754.04 | 6,753.45 | 256.80 | 1.76 | 88.45 | -377.15 | -4,014.52 | 6,319.55 | 6,282.58 | 36.96 | 170.967 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 1 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: 0.00 usft | | | |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|------------------------------|---------|------------------------------|--|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | | | Offset Well Error: 0.00 usft | |
| Reference | | Offset | | Semi Major Axis | | | | Distance | | | | | | Warning | | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | | | |
| 15,500.00 | 6,840.00 | 6,753.84 | 6,753.25 | 259.49 | 1.76 | 88.43 | -377.15 | -4,014.52 | 6,419.08 | 6,382.08 | 37.01 | 173.454 | | | | |
| 15,600.00 | 6,840.00 | 6,753.65 | 6,753.05 | 262.17 | 1.76 | 88.42 | -377.15 | -4,014.52 | 6,518.63 | 6,481.58 | 37.05 | 175.928 | | | | |
| 15,700.00 | 6,840.00 | 6,753.44 | 6,752.85 | 264.86 | 1.76 | 88.40 | -377.16 | -4,014.52 | 6,618.20 | 6,581.10 | 37.10 | 178.387 | | | | |
| 15,800.00 | 6,840.00 | 6,753.24 | 6,752.65 | 267.55 | 1.76 | 88.38 | -377.16 | -4,014.52 | 6,717.77 | 6,680.63 | 37.15 | 180.832 | | | | |
| 15,900.00 | 6,840.00 | 6,753.04 | 6,752.45 | 270.25 | 1.76 | 88.36 | -377.16 | -4,014.52 | 6,817.36 | 6,780.16 | 37.20 | 183.263 | | | | |
| 16,000.00 | 6,840.00 | 6,752.83 | 6,752.24 | 272.94 | 1.76 | 88.34 | -377.16 | -4,014.52 | 6,916.96 | 6,879.71 | 37.25 | 185.680 | | | | |
| 16,100.00 | 6,840.00 | 6,752.62 | 6,752.03 | 275.63 | 1.76 | 88.32 | -377.16 | -4,014.52 | 7,016.58 | 6,979.27 | 37.31 | 188.084 | | | | |
| 16,200.00 | 6,840.00 | 6,752.42 | 6,751.83 | 278.32 | 1.76 | 88.30 | -377.17 | -4,014.52 | 7,116.20 | 7,078.84 | 37.36 | 190.474 | | | | |
| 16,300.00 | 6,840.00 | 6,752.21 | 6,751.62 | 281.02 | 1.76 | 88.28 | -377.17 | -4,014.52 | 7,215.83 | 7,178.42 | 37.42 | 192.850 | | | | |
| 16,400.00 | 6,840.00 | 6,752.00 | 6,751.40 | 283.71 | 1.76 | 88.26 | -377.17 | -4,014.52 | 7,315.48 | 7,278.00 | 37.47 | 195.212 | | | | |
| 16,500.00 | 6,840.00 | 6,751.78 | 6,751.19 | 286.40 | 1.76 | 88.24 | -377.17 | -4,014.52 | 7,415.13 | 7,377.60 | 37.53 | 197.561 | | | | |
| 16,600.00 | 6,840.00 | 6,751.57 | 6,750.98 | 289.10 | 1.76 | 88.22 | -377.18 | -4,014.52 | 7,514.79 | 7,477.20 | 37.59 | 199.896 | | | | |
| 16,700.00 | 6,840.00 | 6,751.35 | 6,750.76 | 291.79 | 1.76 | 88.20 | -377.18 | -4,014.52 | 7,614.47 | 7,576.81 | 37.65 | 202.218 | | | | |
| 16,800.00 | 6,840.00 | 6,751.13 | 6,750.54 | 294.49 | 1.76 | 88.18 | -377.18 | -4,014.52 | 7,714.15 | 7,676.43 | 37.72 | 204.526 | | | | |
| 16,900.00 | 6,840.00 | 6,750.91 | 6,750.32 | 297.19 | 1.76 | 88.16 | -377.18 | -4,014.53 | 7,813.83 | 7,776.05 | 37.78 | 206.821 | | | | |
| 17,000.00 | 6,840.00 | 6,750.69 | 6,750.10 | 299.88 | 1.76 | 88.14 | -377.18 | -4,014.53 | 7,913.53 | 7,875.68 | 37.85 | 209.102 | | | | |
| 17,100.00 | 6,840.00 | 6,750.47 | 6,749.88 | 302.58 | 1.76 | 88.12 | -377.19 | -4,014.53 | 8,013.23 | 7,975.32 | 37.91 | 211.370 | | | | |
| 17,200.00 | 6,840.00 | 6,750.25 | 6,749.66 | 305.28 | 1.76 | 88.10 | -377.19 | -4,014.53 | 8,112.94 | 8,074.97 | 37.98 | 213.625 | | | | |
| 17,300.00 | 6,840.00 | 6,750.02 | 6,749.43 | 307.97 | 1.76 | 88.08 | -377.19 | -4,014.53 | 8,212.66 | 8,174.62 | 38.05 | 215.867 | | | | |
| 17,400.00 | 6,840.00 | 6,749.79 | 6,749.20 | 310.67 | 1.76 | 88.05 | -377.19 | -4,014.53 | 8,312.39 | 8,274.27 | 38.11 | 218.095 | | | | |
| 17,500.00 | 6,840.00 | 6,749.56 | 6,748.97 | 313.37 | 1.76 | 88.03 | -377.20 | -4,014.53 | 8,412.12 | 8,373.93 | 38.18 | 220.311 | | | | |
| 17,600.00 | 6,840.00 | 6,749.33 | 6,748.74 | 316.07 | 1.76 | 88.01 | -377.20 | -4,014.53 | 8,511.86 | 8,473.60 | 38.25 | 222.513 | | | | |
| 17,700.00 | 6,840.00 | 6,749.10 | 6,748.51 | 318.77 | 1.76 | 87.99 | -377.20 | -4,014.53 | 8,611.60 | 8,573.27 | 38.32 | 224.703 | | | | |
| 17,800.00 | 6,840.00 | 6,748.87 | 6,748.27 | 321.47 | 1.76 | 87.97 | -377.20 | -4,014.53 | 8,711.35 | 8,672.95 | 38.40 | 226.879 | | | | |
| 17,900.00 | 6,840.00 | 6,748.63 | 6,748.04 | 324.17 | 1.76 | 87.95 | -377.21 | -4,014.53 | 8,811.10 | 8,772.63 | 38.47 | 229.042 | | | | |
| 18,000.00 | 6,840.00 | 6,748.39 | 6,747.80 | 326.87 | 1.76 | 87.92 | -377.21 | -4,014.53 | 8,910.86 | 8,872.32 | 38.54 | 231.193 | | | | |
| 18,100.00 | 6,840.00 | 6,748.15 | 6,747.56 | 329.57 | 1.76 | 87.90 | -377.21 | -4,014.53 | 9,010.63 | 8,972.01 | 38.62 | 233.331 | | | | |
| 18,200.00 | 6,840.00 | 6,747.91 | 6,747.32 | 332.27 | 1.76 | 87.88 | -377.21 | -4,014.53 | 9,110.40 | 9,071.71 | 38.69 | 235.456 | | | | |
| 18,300.00 | 6,840.00 | 6,747.66 | 6,747.07 | 334.97 | 1.76 | 87.86 | -377.22 | -4,014.53 | 9,210.18 | 9,171.41 | 38.77 | 237.568 | | | | |
| 18,400.00 | 6,840.00 | 6,747.42 | 6,746.83 | 337.67 | 1.76 | 87.83 | -377.22 | -4,014.53 | 9,309.96 | 9,271.11 | 38.85 | 239.668 | | | | |
| 18,500.00 | 6,840.00 | 6,747.17 | 6,746.58 | 340.38 | 1.76 | 87.81 | -377.22 | -4,014.53 | 9,409.74 | 9,370.82 | 38.92 | 241.755 | | | | |
| 18,600.00 | 6,840.00 | 6,746.92 | 6,746.33 | 343.08 | 1.76 | 87.79 | -377.22 | -4,014.53 | 9,509.53 | 9,470.53 | 39.00 | 243.830 | | | | |
| 18,700.00 | 6,840.00 | 6,746.67 | 6,746.08 | 345.78 | 1.76 | 87.76 | -377.23 | -4,014.53 | 9,609.33 | 9,570.25 | 39.08 | 245.892 | | | | |
| 18,800.00 | 6,840.00 | 6,746.42 | 6,745.83 | 348.48 | 1.76 | 87.74 | -377.23 | -4,014.53 | 9,709.13 | 9,669.97 | 39.16 | 247.942 | | | | |
| 18,900.00 | 6,840.00 | 6,746.16 | 6,745.57 | 351.19 | 1.76 | 87.72 | -377.23 | -4,014.53 | 9,808.93 | 9,769.69 | 39.24 | 249.979 | | | | |
| 19,000.00 | 6,840.00 | 6,745.90 | 6,745.31 | 353.89 | 1.76 | 87.69 | -377.23 | -4,014.53 | 9,908.73 | 9,869.41 | 39.32 | 252.004 | | | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 2 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -93.18 | -166.31 | -2,991.26 | 2,996.63 | | | | | |
| 100.00 | 100.00 | 28.56 | 28.56 | 0.13 | 0.03 | -93.18 | -166.32 | -2,991.28 | 2,995.91 | 2,995.74 | 0.16 | N/A | | |
| 200.00 | 200.00 | 116.65 | 116.65 | 0.49 | 0.13 | -93.19 | -166.49 | -2,991.60 | 2,996.27 | 2,995.65 | 0.62 | 4,830.069 | | |
| 300.00 | 300.00 | 211.46 | 211.46 | 0.85 | 0.24 | -93.19 | -166.61 | -2,992.18 | 2,996.90 | 2,995.80 | 1.10 | 2,735.803 | | |
| 400.00 | 400.00 | 302.65 | 302.65 | 1.21 | 0.32 | -93.19 | -166.79 | -2,992.97 | 2,997.77 | 2,996.24 | 1.53 | 1,957.595 | | |
| 500.00 | 500.00 | 404.54 | 404.53 | 1.57 | 0.39 | -93.20 | -167.31 | -2,993.95 | 2,998.76 | 2,996.80 | 1.96 | 1,530.727 | | |
| 600.00 | 599.98 | 516.44 | 516.43 | 1.92 | 0.46 | 22.61 | -168.02 | -2,994.75 | 2,997.89 | 2,995.52 | 2.37 | 1,263.632 | | |
| 700.00 | 699.84 | 623.63 | 623.61 | 2.26 | 0.52 | 22.68 | -168.37 | -2,995.19 | 2,993.49 | 2,990.72 | 2.77 | 1,080.415 | | |
| 800.00 | 799.45 | 728.16 | 728.14 | 2.62 | 0.56 | 22.80 | -168.39 | -2,995.43 | 2,985.68 | 2,982.51 | 3.17 | 943.156 | | |
| 900.00 | 898.70 | 833.80 | 833.78 | 2.99 | 0.59 | 22.99 | -168.17 | -2,995.48 | 2,974.48 | 2,970.92 | 3.56 | 836.466 | | |
| 1,000.00 | 997.47 | 934.69 | 934.67 | 3.39 | 0.62 | 23.24 | -167.55 | -2,995.37 | 2,959.92 | 2,955.96 | 3.95 | 748.450 | | |
| 1,100.00 | 1,095.62 | 1,028.39 | 1,028.37 | 3.81 | 0.65 | 23.54 | -166.57 | -2,995.35 | 2,942.29 | 2,937.93 | 4.36 | 675.105 | | |
| 1,200.00 | 1,193.06 | 1,121.11 | 1,121.07 | 4.27 | 0.69 | 23.90 | -165.37 | -2,995.49 | 2,921.70 | 2,916.92 | 4.77 | 612.384 | | |
| 1,300.00 | 1,289.64 | 1,211.93 | 1,211.88 | 4.77 | 0.72 | 24.32 | -164.06 | -2,995.77 | 2,898.19 | 2,892.99 | 5.19 | 557.973 | | |
| 1,400.00 | 1,385.27 | 1,295.46 | 1,295.40 | 5.31 | 0.75 | 24.78 | -162.83 | -2,996.31 | 2,871.96 | 2,866.34 | 5.63 | 510.287 | | |
| 1,500.00 | 1,479.82 | 1,382.64 | 1,382.58 | 5.91 | 0.78 | 25.31 | -161.68 | -2,997.16 | 2,843.09 | 2,837.01 | 6.08 | 467.644 | | |
| 1,600.00 | 1,573.19 | 1,474.30 | 1,474.22 | 6.55 | 0.82 | 25.87 | -160.79 | -2,998.21 | 2,811.51 | 2,804.95 | 6.55 | 429.063 | | |
| 1,700.00 | 1,666.16 | 1,572.73 | 1,572.64 | 7.23 | 0.86 | 26.22 | -160.22 | -2,999.28 | 2,778.99 | 2,771.96 | 7.03 | 395.257 | | |
| 1,800.00 | 1,759.13 | 1,676.23 | 1,676.14 | 7.93 | 0.89 | 26.60 | -160.02 | -3,000.09 | 2,746.30 | 2,738.78 | 7.52 | 365.135 | | |
| 1,900.00 | 1,852.10 | 1,778.02 | 1,777.93 | 8.64 | 0.92 | 26.98 | -159.88 | -3,000.52 | 2,713.35 | 2,705.33 | 8.01 | 338.642 | | |
| 2,000.00 | 1,945.06 | 1,866.70 | 1,866.60 | 9.35 | 0.95 | 27.33 | -159.38 | -3,000.78 | 2,680.38 | 2,671.87 | 8.51 | 314.826 | | |
| 2,100.00 | 2,038.03 | 1,951.75 | 1,951.66 | 10.08 | 0.98 | 27.67 | -158.68 | -3,001.27 | 2,647.77 | 2,638.75 | 9.03 | 293.318 | | |
| 2,200.00 | 2,131.00 | 2,035.50 | 2,035.40 | 10.81 | 1.01 | 28.01 | -158.13 | -3,002.02 | 2,615.57 | 2,606.02 | 9.55 | 273.857 | | |
| 2,300.00 | 2,223.97 | 2,120.03 | 2,119.92 | 11.54 | 1.04 | 28.36 | -157.78 | -3,003.11 | 2,583.85 | 2,573.76 | 10.08 | 256.211 | | |
| 2,400.00 | 2,316.94 | 2,214.01 | 2,213.89 | 12.28 | 1.07 | 28.75 | -157.83 | -3,004.47 | 2,552.36 | 2,541.74 | 10.63 | 240.201 | | |
| 2,500.00 | 2,409.90 | 2,320.55 | 2,320.42 | 13.02 | 1.10 | 29.19 | -158.29 | -3,005.80 | 2,520.81 | 2,509.64 | 11.17 | 225.759 | | |
| 2,600.00 | 2,502.87 | 2,455.13 | 2,455.00 | 13.77 | 1.10 | 29.78 | -158.48 | -3,005.85 | 2,488.22 | 2,476.55 | 11.67 | 213.211 | | |
| 2,700.00 | 2,595.84 | 2,601.67 | 2,601.51 | 14.51 | 1.11 | 30.45 | -158.40 | -3,003.23 | 2,454.13 | 2,441.96 | 12.16 | 201.748 | | |
| 2,800.00 | 2,688.81 | 2,692.44 | 2,692.24 | 15.26 | 1.12 | 30.87 | -159.01 | -3,000.61 | 2,419.06 | 2,406.36 | 12.70 | 190.404 | | |
| 2,900.00 | 2,781.77 | 2,780.46 | 2,780.22 | 16.01 | 1.12 | 31.29 | -159.24 | -2,998.12 | 2,384.21 | 2,370.95 | 13.26 | 179.847 | | |
| 3,000.00 | 2,874.74 | 2,860.11 | 2,859.85 | 16.76 | 1.13 | 31.69 | -159.30 | -2,996.11 | 2,349.77 | 2,335.95 | 13.83 | 169.962 | | |
| 3,100.00 | 2,967.71 | 2,940.09 | 2,939.81 | 17.52 | 1.14 | 32.10 | -159.17 | -2,994.56 | 2,316.03 | 2,301.63 | 14.40 | 160.795 | | |
| 3,200.00 | 3,060.68 | 3,024.52 | 3,024.23 | 18.27 | 1.15 | 32.55 | -159.03 | -2,993.29 | 2,282.84 | 2,267.86 | 14.99 | 152.315 | | |
| 3,300.00 | 3,153.65 | 3,113.74 | 3,113.45 | 19.03 | 1.16 | 33.02 | -159.02 | -2,992.16 | 2,250.02 | 2,234.45 | 15.58 | 144.453 | | |
| 3,400.00 | 3,246.61 | 3,205.08 | 3,204.78 | 19.78 | 1.17 | 33.51 | -159.53 | -2,991.15 | 2,217.46 | 2,201.29 | 16.17 | 137.137 | | |
| 3,500.00 | 3,339.58 | 3,303.29 | 3,302.97 | 20.54 | 1.18 | 34.03 | -161.23 | -2,990.09 | 2,184.96 | 2,168.19 | 16.76 | 130.339 | | |
| 3,600.00 | 3,432.55 | 3,406.35 | 3,406.00 | 21.30 | 1.19 | 34.58 | -163.01 | -2,988.59 | 2,152.26 | 2,134.90 | 17.36 | 123.983 | | |
| 3,700.00 | 3,525.52 | 3,483.18 | 3,482.82 | 22.06 | 1.19 | 35.03 | -163.40 | -2,987.50 | 2,119.89 | 2,101.89 | 18.00 | 117.795 | | |
| 3,800.00 | 3,618.49 | 3,560.24 | 3,559.88 | 22.82 | 1.20 | 35.51 | -163.07 | -2,986.84 | 2,088.35 | 2,069.70 | 18.65 | 111.994 | | |
| 3,900.00 | 3,711.45 | 3,639.86 | 3,639.49 | 23.57 | 1.22 | 36.03 | -162.32 | -2,986.70 | 2,057.69 | 2,038.38 | 19.31 | 106.560 | | |
| 4,000.00 | 3,804.42 | 3,722.57 | 3,722.20 | 24.33 | 1.24 | 36.59 | -161.47 | -2,986.99 | 2,027.76 | 2,007.77 | 19.99 | 101.464 | | |
| 4,100.00 | 3,897.39 | 3,805.60 | 3,805.22 | 25.09 | 1.26 | 37.15 | -160.77 | -2,987.73 | 1,998.53 | 1,977.85 | 20.67 | 96.680 | | |
| 4,200.00 | 3,990.36 | 3,891.01 | 3,890.62 | 25.86 | 1.27 | 37.72 | -160.60 | -2,988.96 | 1,969.95 | 1,948.58 | 21.36 | 92.207 | | |
| 4,300.00 | 4,083.32 | 3,979.57 | 3,979.16 | 26.62 | 1.29 | 38.31 | -161.31 | -2,990.72 | 1,941.92 | 1,919.85 | 22.06 | 88.024 | | |
| 4,400.00 | 4,176.29 | 4,069.25 | 4,068.80 | 27.38 | 1.31 | 38.88 | -162.96 | -2,992.88 | 1,914.32 | 1,891.56 | 22.76 | 84.099 | | |
| 4,500.00 | 4,269.26 | 4,164.77 | 4,164.25 | 28.14 | 1.32 | 39.49 | -165.45 | -2,995.45 | 1,887.04 | 1,863.58 | 23.46 | 80.429 | | |
| 4,600.00 | 4,362.23 | 4,259.07 | 4,258.49 | 28.90 | 1.34 | 40.10 | -168.05 | -2,997.90 | 1,859.85 | 1,835.68 | 24.17 | 76.939 | | |
| 4,700.00 | 4,455.20 | 4,347.98 | 4,347.36 | 29.66 | 1.36 | 40.73 | -169.20 | -3,000.05 | 1,833.01 | 1,808.10 | 24.91 | 73.579 | | |
| 4,800.00 | 4,548.16 | 4,435.06 | 4,434.42 | 30.43 | 1.38 | 41.40 | -169.27 | -3,002.23 | 1,806.78 | 1,781.11 | 25.67 | 70.374 | | |
| 4,900.00 | 4,641.13 | 4,523.13 | 4,522.45 | 31.19 | 1.40 | 42.12 | -168.71 | -3,004.58 | 1,781.16 | 1,754.71 | 26.45 | 67.332 | | |
| 5,000.00 | 4,734.10 | 4,610.80 | 4,610.08 | 31.95 | 1.43 | 42.85 | -167.93 | -3,007.14 | 1,756.16 | 1,728.91 | 27.25 | 64.450 | | |
| 5,100.00 | 4,827.07 | 4,693.12 | 4,692.35 | 32.71 | 1.45 | 43.53 | -167.77 | -3,010.16 | 1,731.98 | 1,703.92 | 28.06 | 61.729 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 2 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: 0.00 usft | |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|------------------------------|---------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: 0.00 usft | |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| | | | | | | | | | | | | | | |
| 5,200.00 | 4,920.04 | 4,794.43 | 4,793.57 | 33.48 | 1.47 | 44.36 | -168.29 | -3,014.27 | 1,708.28 | 1,679.43 | 28.85 | 59.212 | | |
| 5,300.00 | 5,013.00 | 4,892.55 | 4,891.63 | 34.24 | 1.50 | 45.21 | -168.35 | -3,017.72 | 1,684.56 | 1,654.89 | 29.66 | 56.787 | | |
| 5,400.00 | 5,105.97 | 4,975.48 | 4,974.50 | 35.00 | 1.52 | 45.96 | -167.91 | -3,020.65 | 1,661.37 | 1,630.85 | 30.52 | 54.437 | | |
| 5,500.00 | 5,198.94 | 5,064.94 | 5,063.89 | 35.77 | 1.54 | 46.78 | -167.55 | -3,024.40 | 1,639.11 | 1,607.73 | 31.38 | 52.240 | | |
| 5,600.00 | 5,291.91 | 5,200.42 | 5,199.28 | 36.53 | 1.58 | 48.06 | -167.41 | -3,028.98 | 1,616.57 | 1,584.39 | 32.18 | 50.235 | | |
| 5,700.00 | 5,384.87 | 5,323.76 | 5,322.61 | 37.29 | 1.59 | 49.34 | -166.71 | -3,029.33 | 1,591.70 | 1,558.70 | 33.00 | 48.228 | | |
| 5,800.00 | 5,477.84 | 5,413.43 | 5,412.26 | 38.06 | 1.60 | 50.35 | -165.11 | -3,028.39 | 1,566.65 | 1,532.73 | 33.92 | 46.188 | | |
| 5,900.00 | 5,570.81 | 5,485.16 | 5,483.95 | 38.82 | 1.61 | 51.22 | -162.51 | -3,027.74 | 1,542.95 | 1,508.05 | 34.89 | 44.219 | | |
| 6,000.00 | 5,663.78 | 5,571.17 | 5,569.85 | 39.59 | 1.62 | 52.32 | -158.30 | -3,027.39 | 1,520.78 | 1,484.90 | 35.87 | 42.392 | | |
| 6,100.00 | 5,756.75 | 5,698.97 | 5,697.59 | 40.35 | 1.63 | 53.89 | -155.38 | -3,027.33 | 1,498.67 | 1,461.90 | 36.77 | 40.758 | | |
| 6,200.00 | 5,849.71 | 5,797.50 | 5,796.10 | 41.12 | 1.64 | 54.99 | -157.32 | -3,027.50 | 1,475.48 | 1,437.78 | 37.70 | 39.142 | | |
| 6,300.00 | 5,942.68 | 5,898.49 | 5,897.05 | 41.88 | 1.65 | 56.12 | -160.29 | -3,027.70 | 1,452.40 | 1,413.78 | 38.62 | 37.608 | | |
| 6,400.00 | 6,035.65 | 6,002.84 | 6,001.33 | 42.64 | 1.66 | 57.32 | -163.87 | -3,027.42 | 1,429.22 | 1,389.68 | 39.55 | 36.142 | | |
| 6,500.00 | 6,128.62 | 6,095.86 | 6,094.31 | 43.41 | 1.66 | 58.44 | -166.77 | -3,026.61 | 1,406.24 | 1,365.73 | 40.52 | 34.709 | | |
| 6,600.00 | 6,221.59 | 6,185.42 | 6,183.84 | 44.17 | 1.67 | 59.58 | -168.93 | -3,025.58 | 1,383.95 | 1,342.44 | 41.51 | 33.338 | | |
| 6,700.00 | 6,314.55 | 6,270.75 | 6,269.15 | 44.94 | 1.67 | 60.71 | -170.44 | -3,024.64 | 1,362.67 | 1,320.13 | 42.54 | 32.034 | | |
| 6,800.00 | 6,407.52 | 6,355.29 | 6,353.68 | 45.70 | 1.68 | 61.87 | -171.39 | -3,023.97 | 1,342.64 | 1,299.06 | 43.58 | 30.809 | | |
| 6,900.00 | 6,499.98 | 6,441.83 | 6,440.22 | 46.49 | 1.68 | 59.55 | -172.00 | -3,023.64 | 1,322.71 | 1,278.06 | 44.65 | 29.626 | | |
| 7,000.00 | 6,586.50 | 6,526.18 | 6,524.57 | 47.49 | 1.69 | 56.97 | -172.57 | -3,023.59 | 1,292.78 | 1,246.85 | 45.93 | 28.145 | | |
| 7,100.00 | 6,663.58 | 6,603.63 | 6,602.01 | 48.75 | 1.71 | 58.66 | -173.32 | -3,023.80 | 1,251.88 | 1,204.40 | 47.48 | 26.368 | | |
| 7,200.00 | 6,728.87 | 6,679.91 | 6,678.28 | 50.23 | 1.72 | 63.65 | -174.57 | -3,023.97 | 1,201.80 | 1,152.54 | 49.26 | 24.398 | | |
| 7,300.00 | 6,780.38 | 6,739.99 | 6,738.34 | 51.91 | 1.72 | 70.87 | -176.01 | -3,023.88 | 1,145.13 | 1,093.85 | 51.29 | 22.328 | | |
| 7,400.00 | 6,816.56 | 6,781.65 | 6,779.98 | 53.74 | 1.73 | 79.28 | -177.24 | -3,023.68 | 1,085.13 | 1,031.59 | 53.54 | 20.268 | | |
| 7,500.00 | 6,836.29 | 6,803.71 | 6,802.03 | 55.65 | 1.73 | 87.54 | -177.97 | -3,023.53 | 1,025.15 | 969.20 | 55.95 | 18.323 | | |
| 7,600.00 | 6,840.00 | 6,807.06 | 6,805.38 | 57.58 | 1.73 | 92.27 | -178.08 | -3,023.50 | 968.44 | 910.03 | 58.41 | 16.580 | | |
| 7,700.00 | 6,840.00 | 6,806.13 | 6,804.45 | 59.56 | 1.73 | 92.21 | -178.05 | -3,023.51 | 918.61 | 857.74 | 60.87 | 15.091 | | |
| 7,800.00 | 6,840.00 | 6,805.23 | 6,803.55 | 61.60 | 1.73 | 92.14 | -178.02 | -3,023.51 | 877.39 | 814.18 | 63.22 | 13.879 | | |
| 7,900.00 | 6,840.00 | 6,804.33 | 6,802.65 | 63.69 | 1.73 | 92.08 | -177.99 | -3,023.52 | 846.04 | 780.78 | 65.26 | 12.964 | | |
| 8,000.00 | 6,840.00 | 6,803.45 | 6,801.77 | 65.82 | 1.73 | 92.02 | -177.96 | -3,023.53 | 825.68 | 758.87 | 66.81 | 12.359 | | |
| 8,100.00 | 6,840.00 | 6,802.58 | 6,800.90 | 67.99 | 1.73 | 91.96 | -177.93 | -3,023.53 | 817.13 | 749.42 | 67.71 | 12.069 | | |
| 8,120.20 | 6,840.00 | 6,802.41 | 6,800.73 | 68.44 | 1.73 | 91.95 | -177.92 | -3,023.54 | 816.88 | 749.08 | 67.80 | 12.048 CC, ES, SF | | |
| 8,200.00 | 6,840.00 | 6,801.73 | 6,800.05 | 70.21 | 1.73 | 91.90 | -177.90 | -3,023.54 | 820.77 | 752.91 | 67.85 | 12.096 | | |
| 8,300.00 | 6,840.00 | 6,800.88 | 6,799.21 | 72.45 | 1.73 | 91.84 | -177.87 | -3,023.55 | 836.43 | 769.16 | 67.27 | 12.434 | | |
| 8,400.00 | 6,840.00 | 6,800.05 | 6,798.38 | 74.73 | 1.73 | 91.78 | -177.84 | -3,023.55 | 863.47 | 797.41 | 66.06 | 13.072 | | |
| 8,500.00 | 6,840.00 | 6,799.24 | 6,797.56 | 77.04 | 1.73 | 91.72 | -177.82 | -3,023.56 | 900.85 | 836.47 | 64.38 | 13.992 | | |
| 8,600.00 | 6,840.00 | 6,798.43 | 6,796.75 | 79.38 | 1.73 | 91.67 | -177.79 | -3,023.57 | 947.36 | 884.93 | 62.43 | 15.175 | | |
| 8,700.00 | 6,840.00 | 6,797.63 | 6,795.96 | 81.74 | 1.73 | 91.61 | -177.76 | -3,023.57 | 1,001.72 | 941.36 | 60.35 | 16.598 | | |
| 8,800.00 | 6,840.00 | 6,796.85 | 6,795.18 | 84.12 | 1.73 | 91.56 | -177.74 | -3,023.58 | 1,062.73 | 1,004.45 | 58.28 | 18.236 | | |
| 8,900.00 | 6,840.00 | 6,796.08 | 6,794.40 | 86.52 | 1.73 | 91.50 | -177.71 | -3,023.58 | 1,129.31 | 1,073.03 | 56.28 | 20.067 | | |
| 9,000.00 | 6,840.00 | 6,795.32 | 6,793.64 | 88.94 | 1.73 | 91.45 | -177.69 | -3,023.59 | 1,200.54 | 1,146.13 | 54.41 | 22.067 | | |
| 9,100.00 | 6,840.00 | 6,794.57 | 6,792.89 | 91.38 | 1.73 | 91.40 | -177.66 | -3,023.59 | 1,275.63 | 1,222.95 | 52.68 | 24.213 | | |
| 9,200.00 | 6,840.00 | 6,793.83 | 6,792.15 | 93.83 | 1.73 | 91.34 | -177.64 | -3,023.60 | 1,353.95 | 1,302.83 | 51.12 | 26.486 | | |
| 9,300.00 | 6,840.00 | 6,793.10 | 6,791.42 | 96.30 | 1.73 | 91.29 | -177.61 | -3,023.60 | 1,434.97 | 1,385.26 | 49.71 | 28.867 | | |
| 9,400.00 | 6,840.00 | 6,792.38 | 6,790.70 | 98.79 | 1.73 | 91.24 | -177.59 | -3,023.61 | 1,518.25 | 1,469.80 | 48.44 | 31.340 | | |
| 9,500.00 | 6,840.00 | 6,791.66 | 6,789.99 | 101.28 | 1.73 | 91.19 | -177.57 | -3,023.61 | 1,603.44 | 1,556.13 | 47.31 | 33.890 | | |
| 9,600.00 | 6,840.00 | 6,790.96 | 6,789.29 | 103.79 | 1.73 | 91.14 | -177.54 | -3,023.62 | 1,690.26 | 1,643.95 | 46.30 | 36.505 | | |
| 9,700.00 | 6,840.00 | 6,790.27 | 6,788.60 | 106.30 | 1.73 | 91.09 | -177.52 | -3,023.62 | 1,778.46 | 1,733.06 | 45.40 | 39.174 | | |
| 9,800.00 | 6,840.00 | 6,789.59 | 6,787.92 | 108.83 | 1.73 | 91.05 | -177.50 | -3,023.63 | 1,867.85 | 1,823.25 | 44.59 | 41.887 | | |
| 9,900.00 | 6,840.00 | 6,788.92 | 6,787.25 | 111.37 | 1.73 | 91.00 | -177.48 | -3,023.63 | 1,958.26 | 1,914.39 | 43.87 | 44.637 | | |
| 10,000.00 | 6,840.00 | 6,788.25 | 6,786.58 | 113.91 | 1.73 | 90.95 | -177.45 | -3,023.64 | 2,049.57 | 2,006.34 | 43.23 | 47.416 | | |
| 10,100.00 | 6,840.00 | 6,787.60 | 6,785.93 | 116.47 | 1.73 | 90.91 | -177.43 | -3,023.64 | 2,141.65 | 2,099.00 | 42.65 | 50.218 | | |
| 10,200.00 | 6,840.00 | 6,786.95 | 6,785.28 | 119.03 | 1.73 | 90.86 | -177.41 | -3,023.65 | 2,234.41 | 2,192.29 | 42.13 | 53.039 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 2 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,786.31 | 6,784.64 | 121.59 | 1.73 | 90.82 | -177.39 | -3,023.65 | 2,327.78 | 2,286.11 | 41.66 | 55.874 | | |
| 10,400.00 | 6,840.00 | 6,785.68 | 6,784.01 | 124.17 | 1.73 | 90.77 | -177.37 | -3,023.66 | 2,421.67 | 2,380.43 | 41.24 | 58.719 | | |
| 10,500.00 | 6,840.00 | 6,785.05 | 6,783.39 | 126.75 | 1.73 | 90.73 | -177.35 | -3,023.66 | 2,516.03 | 2,475.17 | 40.86 | 61.572 | | |
| 10,600.00 | 6,840.00 | 6,784.44 | 6,782.77 | 129.34 | 1.73 | 90.69 | -177.33 | -3,023.66 | 2,610.81 | 2,570.29 | 40.52 | 64.429 | | |
| 10,700.00 | 6,840.00 | 6,783.83 | 6,782.16 | 131.93 | 1.73 | 90.64 | -177.31 | -3,023.67 | 2,705.97 | 2,665.76 | 40.21 | 67.289 | | |
| 10,800.00 | 6,840.00 | 6,783.23 | 6,781.56 | 134.53 | 1.73 | 90.60 | -177.29 | -3,023.67 | 2,801.47 | 2,761.53 | 39.94 | 70.150 | | |
| 10,900.00 | 6,840.00 | 6,782.64 | 6,780.97 | 137.13 | 1.73 | 90.56 | -177.27 | -3,023.67 | 2,897.26 | 2,857.58 | 39.68 | 73.010 | | |
| 11,000.00 | 6,840.00 | 6,782.05 | 6,780.39 | 139.73 | 1.73 | 90.52 | -177.25 | -3,023.68 | 2,993.34 | 2,953.88 | 39.46 | 75.867 | | |
| 11,100.00 | 6,840.00 | 6,781.48 | 6,779.81 | 142.35 | 1.73 | 90.48 | -177.24 | -3,023.68 | 3,089.66 | 3,050.41 | 39.25 | 78.720 | | |
| 11,200.00 | 6,840.00 | 6,780.91 | 6,779.24 | 144.96 | 1.73 | 90.44 | -177.22 | -3,023.69 | 3,186.21 | 3,147.15 | 39.06 | 81.569 | | |
| 11,300.00 | 6,840.00 | 6,780.34 | 6,778.68 | 147.58 | 1.73 | 90.40 | -177.20 | -3,023.69 | 3,282.97 | 3,244.07 | 38.89 | 84.412 | | |
| 11,400.00 | 6,840.00 | 6,779.78 | 6,778.12 | 150.20 | 1.73 | 90.36 | -177.18 | -3,023.69 | 3,379.91 | 3,341.17 | 38.74 | 87.249 | | |
| 11,500.00 | 6,840.00 | 6,779.23 | 6,777.57 | 152.83 | 1.73 | 90.32 | -177.17 | -3,023.70 | 3,477.03 | 3,438.43 | 38.60 | 90.079 | | |
| 11,600.00 | 6,840.00 | 6,778.69 | 6,777.02 | 155.46 | 1.73 | 90.28 | -177.15 | -3,023.70 | 3,574.30 | 3,535.83 | 38.47 | 92.901 | | |
| 11,700.00 | 6,840.00 | 6,778.15 | 6,776.49 | 158.09 | 1.73 | 90.24 | -177.13 | -3,023.70 | 3,671.73 | 3,633.36 | 38.36 | 95.715 | | |
| 11,800.00 | 6,840.00 | 6,777.62 | 6,775.96 | 160.73 | 1.73 | 90.21 | -177.12 | -3,023.71 | 3,769.28 | 3,731.02 | 38.26 | 98.521 | | |
| 11,900.00 | 6,840.00 | 6,777.10 | 6,775.43 | 163.36 | 1.73 | 90.17 | -177.10 | -3,023.71 | 3,866.97 | 3,828.80 | 38.17 | 101.317 | | |
| 12,000.00 | 6,840.00 | 6,776.58 | 6,774.91 | 166.01 | 1.73 | 90.13 | -177.08 | -3,023.71 | 3,964.76 | 3,926.68 | 38.08 | 104.105 | | |
| 12,100.00 | 6,840.00 | 6,776.06 | 6,774.40 | 168.65 | 1.73 | 90.10 | -177.07 | -3,023.71 | 4,062.67 | 4,024.66 | 38.01 | 106.882 | | |
| 12,200.00 | 6,840.00 | 6,775.56 | 6,773.89 | 171.30 | 1.73 | 90.06 | -177.05 | -3,023.72 | 4,160.67 | 4,122.73 | 37.94 | 109.650 | | |
| 12,300.00 | 6,840.00 | 6,775.05 | 6,773.39 | 173.94 | 1.73 | 90.03 | -177.03 | -3,023.72 | 4,258.77 | 4,220.88 | 37.89 | 112.408 | | |
| 12,400.00 | 6,840.00 | 6,774.56 | 6,772.90 | 176.59 | 1.73 | 89.99 | -177.02 | -3,023.72 | 4,356.95 | 4,319.12 | 37.84 | 115.156 | | |
| 12,500.00 | 6,840.00 | 6,774.07 | 6,772.41 | 179.25 | 1.73 | 89.96 | -177.00 | -3,023.73 | 4,455.22 | 4,417.43 | 37.79 | 117.893 | | |
| 12,600.00 | 6,840.00 | 6,773.58 | 6,771.92 | 181.90 | 1.73 | 89.92 | -176.99 | -3,023.73 | 4,553.56 | 4,515.80 | 37.75 | 120.619 | | |
| 12,700.00 | 6,840.00 | 6,773.10 | 6,771.44 | 184.56 | 1.73 | 89.89 | -176.97 | -3,023.73 | 4,651.97 | 4,614.25 | 37.72 | 123.335 | | |
| 12,800.00 | 6,840.00 | 6,772.63 | 6,770.97 | 187.22 | 1.73 | 89.86 | -176.96 | -3,023.73 | 4,750.44 | 4,712.75 | 37.69 | 126.039 | | |
| 12,900.00 | 6,840.00 | 6,772.16 | 6,770.50 | 189.88 | 1.73 | 89.82 | -176.95 | -3,023.74 | 4,848.98 | 4,811.32 | 37.67 | 128.733 | | |
| 13,000.00 | 6,840.00 | 6,771.70 | 6,770.04 | 192.54 | 1.73 | 89.79 | -176.93 | -3,023.74 | 4,947.58 | 4,909.93 | 37.65 | 131.416 | | |
| 13,100.00 | 6,840.00 | 6,771.24 | 6,769.58 | 195.20 | 1.73 | 89.76 | -176.92 | -3,023.74 | 5,046.23 | 5,008.60 | 37.63 | 134.087 | | |
| 13,200.00 | 6,840.00 | 6,770.79 | 6,769.12 | 197.87 | 1.73 | 89.73 | -176.90 | -3,023.75 | 5,144.94 | 5,107.31 | 37.62 | 136.747 | | |
| 13,300.00 | 6,840.00 | 6,770.34 | 6,768.68 | 200.53 | 1.73 | 89.70 | -176.89 | -3,023.75 | 5,243.69 | 5,206.07 | 37.62 | 139.395 | | |
| 13,400.00 | 6,840.00 | 6,769.89 | 6,768.23 | 203.20 | 1.73 | 89.67 | -176.88 | -3,023.75 | 5,342.49 | 5,304.88 | 37.61 | 142.032 | | |
| 13,500.00 | 6,840.00 | 6,769.45 | 6,767.79 | 205.87 | 1.73 | 89.64 | -176.86 | -3,023.75 | 5,441.34 | 5,403.72 | 37.62 | 144.657 | | |
| 13,600.00 | 6,840.00 | 6,769.02 | 6,767.36 | 208.54 | 1.73 | 89.60 | -176.85 | -3,023.75 | 5,540.22 | 5,502.60 | 37.62 | 147.271 | | |
| 13,700.00 | 6,840.00 | 6,768.59 | 6,766.93 | 211.22 | 1.73 | 89.57 | -176.84 | -3,023.76 | 5,639.15 | 5,601.52 | 37.63 | 149.873 | | |
| 13,800.00 | 6,840.00 | 6,768.16 | 6,766.50 | 213.89 | 1.73 | 89.54 | -176.82 | -3,023.76 | 5,738.11 | 5,700.47 | 37.64 | 152.463 | | |
| 13,900.00 | 6,840.00 | 6,767.74 | 6,766.08 | 216.56 | 1.73 | 89.52 | -176.81 | -3,023.76 | 5,837.10 | 5,799.46 | 37.65 | 155.041 | | |
| 14,000.00 | 6,840.00 | 6,767.33 | 6,765.67 | 219.24 | 1.73 | 89.49 | -176.80 | -3,023.76 | 5,936.14 | 5,898.47 | 37.66 | 157.607 | | |
| 14,100.00 | 6,840.00 | 6,766.91 | 6,765.26 | 221.92 | 1.73 | 89.46 | -176.79 | -3,023.77 | 6,035.20 | 5,997.52 | 37.68 | 160.162 | | |
| 14,200.00 | 6,840.00 | 6,766.51 | 6,764.85 | 224.59 | 1.73 | 89.43 | -176.77 | -3,023.77 | 6,134.29 | 6,096.59 | 37.70 | 162.704 | | |
| 14,300.00 | 6,840.00 | 6,766.10 | 6,764.44 | 227.27 | 1.73 | 89.40 | -176.76 | -3,023.77 | 6,233.41 | 6,195.69 | 37.72 | 165.235 | | |
| 14,400.00 | 6,840.00 | 6,765.70 | 6,764.04 | 229.95 | 1.73 | 89.37 | -176.75 | -3,023.77 | 6,332.56 | 6,294.81 | 37.75 | 167.753 | | |
| 14,500.00 | 6,840.00 | 6,765.31 | 6,763.65 | 232.63 | 1.73 | 89.34 | -176.74 | -3,023.77 | 6,431.74 | 6,393.96 | 37.78 | 170.260 | | |
| 14,600.00 | 6,840.00 | 6,764.92 | 6,763.26 | 235.31 | 1.73 | 89.32 | -176.73 | -3,023.78 | 6,530.94 | 6,493.14 | 37.80 | 172.754 | | |
| 14,700.00 | 6,840.00 | 6,764.53 | 6,762.87 | 238.00 | 1.73 | 89.29 | -176.71 | -3,023.78 | 6,630.16 | 6,592.33 | 37.84 | 175.236 | | |
| 14,800.00 | 6,840.00 | 6,764.14 | 6,762.49 | 240.68 | 1.73 | 89.26 | -176.70 | -3,023.78 | 6,729.41 | 6,691.54 | 37.87 | 177.706 | | |
| 14,900.00 | 6,840.00 | 6,763.76 | 6,762.11 | 243.36 | 1.73 | 89.24 | -176.69 | -3,023.78 | 6,828.68 | 6,790.78 | 37.90 | 180.164 | | |
| 15,000.00 | 6,840.00 | 6,763.39 | 6,761.73 | 246.05 | 1.73 | 89.21 | -176.68 | -3,023.78 | 6,927.97 | 6,890.03 | 37.94 | 182.610 | | |
| 15,100.00 | 6,840.00 | 6,763.01 | 6,761.36 | 248.74 | 1.73 | 89.18 | -176.67 | -3,023.79 | 7,027.28 | 6,989.31 | 37.98 | 185.043 | | |
| 15,200.00 | 6,840.00 | 6,762.65 | 6,760.99 | 251.42 | 1.73 | 89.16 | -176.66 | -3,023.79 | 7,126.61 | 7,088.60 | 38.02 | 187.465 | | |
| 15,300.00 | 6,840.00 | 6,762.28 | 6,760.62 | 254.11 | 1.73 | 89.13 | -176.65 | -3,023.79 | 7,225.96 | 7,187.91 | 38.06 | 189.874 | | |
| 15,400.00 | 6,840.00 | 6,761.92 | 6,760.26 | 256.80 | 1.73 | 89.11 | -176.64 | -3,023.79 | 7,325.33 | 7,287.23 | 38.10 | 192.270 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 2 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning |
| 15,500.00 | 6,840.00 | 6,761.56 | 6,759.90 | 259.49 | 1.73 | 89.08 | -176.63 | -3,023.79 | 7,424.71 | 7,386.57 | 38.14 | 194.655 | |
| 15,600.00 | 6,840.00 | 6,761.20 | 6,759.55 | 262.17 | 1.73 | 89.06 | -176.62 | -3,023.79 | 7,524.11 | 7,485.92 | 38.19 | 197.027 | |
| 15,700.00 | 6,840.00 | 6,760.85 | 6,759.20 | 264.86 | 1.73 | 89.03 | -176.60 | -3,023.80 | 7,623.53 | 7,585.29 | 38.23 | 199.387 | |
| 15,800.00 | 6,840.00 | 6,760.51 | 6,758.85 | 267.55 | 1.73 | 89.01 | -176.59 | -3,023.80 | 7,722.96 | 7,684.67 | 38.28 | 201.735 | |
| 15,900.00 | 6,840.00 | 6,760.16 | 6,758.50 | 270.25 | 1.73 | 88.98 | -176.58 | -3,023.80 | 7,822.40 | 7,784.07 | 38.33 | 204.070 | |
| 16,000.00 | 6,840.00 | 6,759.82 | 6,758.16 | 272.94 | 1.73 | 88.96 | -176.57 | -3,023.80 | 7,921.86 | 7,883.48 | 38.38 | 206.394 | |
| 16,100.00 | 6,840.00 | 6,759.48 | 6,757.82 | 275.63 | 1.73 | 88.94 | -176.56 | -3,023.80 | 8,021.33 | 7,982.90 | 38.43 | 208.704 | |
| 16,200.00 | 6,840.00 | 6,759.14 | 6,757.49 | 278.32 | 1.73 | 88.91 | -176.55 | -3,023.80 | 8,120.82 | 8,082.33 | 38.49 | 211.003 | |
| 16,300.00 | 6,840.00 | 6,758.81 | 6,757.16 | 281.02 | 1.73 | 88.89 | -176.54 | -3,023.81 | 8,220.32 | 8,181.78 | 38.54 | 213.289 | |
| 16,400.00 | 6,840.00 | 6,758.48 | 6,756.83 | 283.71 | 1.73 | 88.87 | -176.54 | -3,023.81 | 8,319.83 | 8,281.23 | 38.60 | 215.564 | |
| 16,500.00 | 6,840.00 | 6,758.16 | 6,756.50 | 286.40 | 1.73 | 88.84 | -176.53 | -3,023.81 | 8,419.35 | 8,380.70 | 38.65 | 217.825 | |
| 16,600.00 | 6,840.00 | 6,757.83 | 6,756.18 | 289.10 | 1.73 | 88.82 | -176.52 | -3,023.81 | 8,518.88 | 8,480.17 | 38.71 | 220.075 | |
| 16,700.00 | 6,840.00 | 6,757.51 | 6,755.86 | 291.79 | 1.73 | 88.80 | -176.51 | -3,023.81 | 8,618.42 | 8,579.66 | 38.77 | 222.312 | |
| 16,800.00 | 6,840.00 | 6,757.20 | 6,755.54 | 294.49 | 1.73 | 88.78 | -176.50 | -3,023.81 | 8,717.98 | 8,679.15 | 38.83 | 224.538 | |
| 16,900.00 | 6,840.00 | 6,756.88 | 6,755.23 | 297.19 | 1.73 | 88.76 | -176.49 | -3,023.82 | 8,817.54 | 8,778.65 | 38.89 | 226.750 | |
| 17,000.00 | 6,840.00 | 6,756.57 | 6,754.92 | 299.88 | 1.73 | 88.73 | -176.48 | -3,023.82 | 8,917.11 | 8,878.17 | 38.95 | 228.951 | |
| 17,100.00 | 6,840.00 | 6,756.26 | 6,754.61 | 302.58 | 1.73 | 88.71 | -176.47 | -3,023.82 | 9,016.70 | 8,977.69 | 39.01 | 231.140 | |
| 17,200.00 | 6,840.00 | 6,755.96 | 6,754.30 | 305.28 | 1.73 | 88.69 | -176.46 | -3,023.82 | 9,116.29 | 9,077.22 | 39.07 | 233.316 | |
| 17,300.00 | 6,840.00 | 6,755.65 | 6,754.00 | 307.97 | 1.73 | 88.67 | -176.45 | -3,023.82 | 9,215.89 | 9,176.75 | 39.14 | 235.480 | |
| 17,400.00 | 6,840.00 | 6,755.35 | 6,753.70 | 310.67 | 1.73 | 88.65 | -176.44 | -3,023.82 | 9,315.50 | 9,276.30 | 39.20 | 237.632 | |
| 17,500.00 | 6,840.00 | 6,755.05 | 6,753.40 | 313.37 | 1.73 | 88.63 | -176.44 | -3,023.82 | 9,415.12 | 9,375.85 | 39.27 | 239.772 | |
| 17,600.00 | 6,840.00 | 6,754.76 | 6,753.10 | 316.07 | 1.73 | 88.61 | -176.43 | -3,023.83 | 9,514.74 | 9,475.41 | 39.33 | 241.900 | |
| 17,700.00 | 6,840.00 | 6,754.46 | 6,752.81 | 318.77 | 1.73 | 88.59 | -176.42 | -3,023.83 | 9,614.38 | 9,574.98 | 39.40 | 244.016 | |
| 17,800.00 | 6,840.00 | 6,754.17 | 6,752.52 | 321.47 | 1.73 | 88.57 | -176.41 | -3,023.83 | 9,714.02 | 9,674.55 | 39.47 | 246.120 | |
| 17,900.00 | 6,840.00 | 6,753.89 | 6,752.23 | 324.17 | 1.73 | 88.55 | -176.40 | -3,023.83 | 9,813.67 | 9,774.13 | 39.54 | 248.212 | |
| 18,000.00 | 6,840.00 | 6,753.60 | 6,751.95 | 326.87 | 1.73 | 88.53 | -176.39 | -3,023.83 | 9,913.32 | 9,873.71 | 39.61 | 250.292 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -110.20 | -1,506.79 | -4,096.36 | 4,365.33 | | | | | |
| 100.00 | 100.00 | 26.84 | 26.84 | 0.13 | 0.03 | -110.19 | -1,506.76 | -4,096.37 | 4,364.70 | 4,364.53 | 0.16 | N/A | | |
| 200.00 | 200.00 | 133.98 | 133.98 | 0.49 | 0.15 | -110.19 | -1,506.04 | -4,096.55 | 4,364.63 | 4,363.99 | 0.64 | 6,805.424 | | |
| 300.00 | 300.00 | 232.57 | 232.56 | 0.85 | 0.26 | -110.17 | -1,504.90 | -4,096.67 | 4,364.34 | 4,363.22 | 1.11 | 3,937.260 | | |
| 326.28 | 326.28 | 252.29 | 252.28 | 0.95 | 0.28 | -110.17 | -1,504.69 | -4,096.74 | 4,364.32 | 4,363.11 | 1.22 | 3,585.624 | | |
| 400.00 | 400.00 | 314.72 | 314.70 | 1.21 | 0.33 | -110.16 | -1,504.07 | -4,097.10 | 4,364.47 | 4,362.95 | 1.53 | 2,861.263 | | |
| 500.00 | 500.00 | 444.22 | 444.19 | 1.57 | 0.41 | -110.14 | -1,502.46 | -4,097.47 | 4,364.29 | 4,362.33 | 1.96 | 2,227.094 | | |
| 600.00 | 599.98 | 548.47 | 548.44 | 1.92 | 0.47 | 5.68 | -1,501.27 | -4,097.37 | 4,362.07 | 4,359.70 | 2.36 | 1,846.780 | | |
| 700.00 | 699.84 | 631.87 | 631.83 | 2.26 | 0.52 | 5.71 | -1,500.29 | -4,097.34 | 4,356.43 | 4,353.69 | 2.74 | 1,588.817 | | |
| 800.00 | 799.45 | 700.00 | 699.96 | 2.62 | 0.54 | 5.74 | -1,499.69 | -4,097.75 | 4,348.02 | 4,344.90 | 3.11 | 1,396.285 | | |
| 900.00 | 898.70 | 830.95 | 830.89 | 2.99 | 0.60 | 5.81 | -1,498.07 | -4,098.55 | 4,336.02 | 4,332.50 | 3.52 | 1,232.539 | | |
| 1,000.00 | 997.47 | 919.92 | 919.87 | 3.39 | 0.65 | 5.87 | -1,497.46 | -4,098.72 | 4,320.40 | 4,316.49 | 3.91 | 1,104.788 | | |
| 1,100.00 | 1,095.62 | 1,000.00 | 999.93 | 3.81 | 0.68 | 5.95 | -1,496.64 | -4,099.27 | 4,301.71 | 4,297.41 | 4.30 | 1,000.074 | | |
| 1,200.00 | 1,193.06 | 1,116.34 | 1,116.26 | 4.27 | 0.74 | 6.05 | -1,495.33 | -4,100.01 | 4,279.53 | 4,274.82 | 4.71 | 909.141 | | |
| 1,300.00 | 1,289.64 | 1,196.66 | 1,196.58 | 4.77 | 0.77 | 6.15 | -1,494.74 | -4,100.45 | 4,254.03 | 4,248.93 | 5.10 | 833.646 | | |
| 1,400.00 | 1,385.27 | 1,313.12 | 1,313.04 | 5.31 | 0.81 | 6.28 | -1,493.70 | -4,100.99 | 4,225.07 | 4,219.56 | 5.51 | 766.858 | | |
| 1,500.00 | 1,479.82 | 1,382.12 | 1,382.03 | 5.91 | 0.83 | 6.40 | -1,493.30 | -4,101.33 | 4,192.94 | 4,187.04 | 5.90 | 710.265 | | |
| 1,600.00 | 1,573.19 | 1,470.72 | 1,470.63 | 6.55 | 0.86 | 6.52 | -1,493.14 | -4,102.03 | 4,158.01 | 4,151.69 | 6.32 | 658.400 | | |
| 1,700.00 | 1,666.16 | 1,572.17 | 1,572.08 | 7.23 | 0.90 | 6.60 | -1,492.64 | -4,102.87 | 4,121.95 | 4,115.23 | 6.72 | 613.057 | | |
| 1,800.00 | 1,759.13 | 1,644.99 | 1,644.89 | 7.93 | 0.93 | 6.65 | -1,492.32 | -4,103.45 | 4,085.92 | 4,078.78 | 7.13 | 572.786 | | |
| 1,900.00 | 1,852.10 | 1,722.73 | 1,722.62 | 8.64 | 0.96 | 6.72 | -1,491.85 | -4,104.76 | 4,050.56 | 4,043.01 | 7.55 | 536.521 | | |
| 2,000.00 | 1,945.06 | 1,868.80 | 1,868.68 | 9.35 | 1.01 | 6.83 | -1,491.12 | -4,105.84 | 4,014.34 | 4,006.37 | 7.97 | 503.625 | | |
| 2,100.00 | 2,038.03 | 1,953.28 | 1,953.16 | 10.08 | 1.04 | 6.90 | -1,490.21 | -4,106.23 | 3,977.81 | 3,969.42 | 8.39 | 474.046 | | |
| 2,200.00 | 2,131.00 | 2,049.06 | 2,048.92 | 10.81 | 1.08 | 7.00 | -1,488.53 | -4,107.22 | 3,941.58 | 3,932.77 | 8.81 | 447.177 | | |
| 2,300.00 | 2,223.97 | 2,155.68 | 2,155.52 | 11.54 | 1.12 | 7.10 | -1,486.76 | -4,107.76 | 3,904.91 | 3,895.67 | 9.24 | 422.713 | | |
| 2,400.00 | 2,316.94 | 2,239.21 | 2,239.04 | 12.28 | 1.15 | 7.18 | -1,485.72 | -4,108.05 | 3,868.25 | 3,858.58 | 9.67 | 400.192 | | |
| 2,500.00 | 2,409.90 | 2,313.73 | 2,313.56 | 13.02 | 1.18 | 7.25 | -1,484.83 | -4,108.61 | 3,831.97 | 3,821.87 | 10.10 | 379.429 | | |
| 2,600.00 | 2,502.87 | 2,381.69 | 2,381.50 | 13.77 | 1.20 | 7.32 | -1,483.86 | -4,109.61 | 3,796.24 | 3,785.70 | 10.54 | 360.216 | | |
| 2,700.00 | 2,595.84 | 2,481.35 | 2,481.13 | 14.51 | 1.24 | 7.43 | -1,482.45 | -4,111.43 | 3,760.86 | 3,749.89 | 10.97 | 342.722 | | |
| 2,800.00 | 2,688.81 | 2,575.84 | 2,575.61 | 15.26 | 1.27 | 7.53 | -1,481.28 | -4,112.85 | 3,725.26 | 3,713.85 | 11.41 | 326.476 | | |
| 2,900.00 | 2,781.77 | 2,664.15 | 2,663.88 | 16.01 | 1.30 | 7.63 | -1,479.58 | -4,114.47 | 3,689.74 | 3,677.88 | 11.85 | 311.335 | | |
| 3,000.00 | 2,874.74 | 2,769.91 | 2,769.61 | 16.76 | 1.34 | 7.76 | -1,477.64 | -4,116.36 | 3,654.24 | 3,641.95 | 12.29 | 297.419 | | |
| 3,100.00 | 2,967.71 | 2,906.46 | 2,906.14 | 17.52 | 1.39 | 7.92 | -1,475.66 | -4,117.45 | 3,617.99 | 3,605.29 | 12.70 | 284.842 | | |
| 3,200.00 | 3,060.68 | 2,978.90 | 2,978.56 | 18.27 | 1.42 | 8.01 | -1,473.96 | -4,118.01 | 3,581.45 | 3,568.30 | 13.15 | 272.329 | | |
| 3,300.00 | 3,153.65 | 3,067.55 | 3,067.18 | 19.03 | 1.45 | 8.13 | -1,471.83 | -4,119.04 | 3,545.25 | 3,531.65 | 13.59 | 260.784 | | |
| 3,400.00 | 3,246.61 | 3,147.45 | 3,147.06 | 19.78 | 1.48 | 8.23 | -1,470.47 | -4,119.87 | 3,509.17 | 3,495.13 | 14.05 | 249.844 | | |
| 3,500.00 | 3,339.58 | 3,230.45 | 3,230.03 | 20.54 | 1.51 | 8.35 | -1,468.59 | -4,121.35 | 3,473.59 | 3,459.09 | 14.50 | 239.600 | | |
| 3,600.00 | 3,432.55 | 3,344.84 | 3,344.38 | 21.30 | 1.55 | 8.50 | -1,466.35 | -4,122.98 | 3,437.80 | 3,422.88 | 14.93 | 230.298 | | |
| 3,700.00 | 3,525.52 | 3,447.88 | 3,447.36 | 22.06 | 1.59 | 8.66 | -1,463.31 | -4,124.13 | 3,401.46 | 3,386.09 | 15.37 | 221.373 | | |
| 3,800.00 | 3,618.49 | 3,553.77 | 3,553.17 | 22.82 | 1.62 | 8.85 | -1,459.39 | -4,125.46 | 3,365.08 | 3,349.28 | 15.80 | 212.968 | | |
| 3,900.00 | 3,711.45 | 3,900.00 | 3,684.58 | 23.57 | 1.74 | 9.09 | -1,453.40 | -4,125.85 | 3,327.53 | 3,311.28 | 16.25 | 204.825 | | |
| 4,000.00 | 3,804.42 | 3,814.76 | 3,813.86 | 24.33 | 1.71 | 9.35 | -1,446.76 | -4,124.88 | 3,288.92 | 3,272.30 | 16.62 | 197.914 | | |
| 4,100.00 | 3,897.39 | 3,914.96 | 3,913.93 | 25.09 | 1.74 | 9.54 | -1,442.00 | -4,123.49 | 3,249.98 | 3,232.93 | 17.05 | 190.578 | | |
| 4,200.00 | 3,990.36 | 3,992.20 | 3,991.07 | 25.86 | 1.76 | 9.70 | -1,438.32 | -4,122.55 | 3,211.22 | 3,193.70 | 17.52 | 183.318 | | |
| 4,300.00 | 4,083.32 | 4,063.19 | 4,061.99 | 26.62 | 1.78 | 9.84 | -1,435.05 | -4,122.05 | 3,172.99 | 3,154.99 | 17.99 | 176.347 | | |
| 4,400.00 | 4,176.29 | 4,135.39 | 4,134.14 | 27.38 | 1.81 | 9.98 | -1,432.23 | -4,121.89 | 3,135.39 | 3,116.92 | 18.47 | 169.753 | | |
| 4,500.00 | 4,269.26 | 4,208.43 | 4,207.11 | 28.14 | 1.83 | 10.13 | -1,429.34 | -4,122.20 | 3,098.38 | 3,079.43 | 18.95 | 163.492 | | |
| 4,600.00 | 4,362.23 | 4,274.30 | 4,272.93 | 28.90 | 1.85 | 10.27 | -1,426.84 | -4,122.97 | 3,062.10 | 3,042.65 | 19.45 | 157.464 | | |
| 4,700.00 | 4,455.20 | 4,361.99 | 4,360.57 | 29.66 | 1.88 | 10.45 | -1,424.08 | -4,124.44 | 3,026.46 | 3,006.55 | 19.92 | 151.963 | | |
| 4,800.00 | 4,548.16 | 4,469.01 | 4,467.55 | 30.43 | 1.92 | 10.65 | -1,421.57 | -4,125.69 | 2,990.62 | 2,970.26 | 20.36 | 146.902 | | |
| 4,900.00 | 4,641.13 | 4,557.17 | 4,555.66 | 31.19 | 1.95 | 10.83 | -1,419.02 | -4,126.59 | 2,954.53 | 2,933.70 | 20.83 | 141.843 | | |
| 5,000.00 | 4,734.10 | 4,673.23 | 4,671.66 | 31.95 | 1.99 | 11.08 | -1,415.42 | -4,127.91 | 2,918.58 | 2,897.32 | 21.26 | 137.286 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,789.43 | 4,787.81 | 32.71 | 2.03 | 11.33 | -1,411.83 | -4,127.82 | 2,881.50 | 2,859.81 | 21.68 | 132.884 | | |
| 5,200.00 | 4,920.04 | 4,906.43 | 4,904.76 | 33.48 | 2.06 | 11.57 | -1,408.88 | -4,126.66 | 2,843.79 | 2,821.68 | 22.10 | 128.663 | | |
| 5,300.00 | 5,013.00 | 4,978.26 | 4,976.56 | 34.24 | 2.08 | 11.72 | -1,406.97 | -4,125.95 | 2,806.06 | 2,783.46 | 22.61 | 124.129 | | |
| 5,400.00 | 5,105.97 | 5,053.77 | 5,052.05 | 35.00 | 2.10 | 11.89 | -1,404.98 | -4,125.68 | 2,768.94 | 2,745.84 | 23.11 | 119.827 | | |
| 5,500.00 | 5,198.94 | 5,143.12 | 5,141.36 | 35.77 | 2.13 | 12.10 | -1,402.54 | -4,125.84 | 2,732.32 | 2,708.73 | 23.59 | 115.837 | | |
| 5,600.00 | 5,291.91 | 5,232.09 | 5,230.31 | 36.53 | 2.16 | 12.30 | -1,400.62 | -4,125.66 | 2,695.53 | 2,671.46 | 24.07 | 111.990 | | |
| 5,700.00 | 5,384.87 | 5,300.00 | 5,298.21 | 37.29 | 2.18 | 12.44 | -1,399.61 | -4,125.94 | 2,659.45 | 2,634.85 | 24.60 | 108.118 | | |
| 5,800.00 | 5,477.84 | 5,390.75 | 5,388.96 | 38.06 | 2.21 | 12.63 | -1,398.85 | -4,126.64 | 2,623.89 | 2,598.80 | 25.08 | 104.607 | | |
| 5,900.00 | 5,570.81 | 5,482.17 | 5,480.37 | 38.82 | 2.24 | 12.82 | -1,398.34 | -4,127.33 | 2,588.40 | 2,562.83 | 25.57 | 101.225 | | |
| 6,000.00 | 5,663.78 | 5,588.57 | 5,586.76 | 39.59 | 2.27 | 13.07 | -1,396.90 | -4,128.14 | 2,552.78 | 2,526.75 | 26.03 | 98.084 | | |
| 6,100.00 | 5,756.75 | 5,664.67 | 5,662.84 | 40.35 | 2.30 | 13.27 | -1,395.25 | -4,128.83 | 2,517.14 | 2,490.58 | 26.56 | 94.777 | | |
| 6,200.00 | 5,849.71 | 5,771.21 | 5,769.35 | 41.12 | 2.33 | 13.55 | -1,393.14 | -4,130.22 | 2,481.98 | 2,454.96 | 27.02 | 91.852 | | |
| 6,300.00 | 5,942.68 | 5,858.12 | 5,856.24 | 41.88 | 2.36 | 13.78 | -1,391.25 | -4,130.79 | 2,446.20 | 2,418.67 | 27.54 | 88.837 | | |
| 6,400.00 | 6,035.65 | 5,954.38 | 5,952.47 | 42.64 | 2.39 | 14.05 | -1,389.29 | -4,131.93 | 2,410.97 | 2,382.94 | 28.03 | 86.013 | | |
| 6,500.00 | 6,128.62 | 6,053.93 | 6,052.01 | 43.41 | 2.43 | 14.32 | -1,387.79 | -4,132.33 | 2,375.16 | 2,346.64 | 28.52 | 83.292 | | |
| 6,600.00 | 6,221.59 | 6,147.74 | 6,145.79 | 44.17 | 2.46 | 14.60 | -1,385.95 | -4,132.92 | 2,339.52 | 2,310.50 | 29.02 | 80.609 | | |
| 6,700.00 | 6,314.55 | 6,238.83 | 6,236.86 | 44.94 | 2.49 | 14.88 | -1,383.80 | -4,133.35 | 2,303.72 | 2,274.17 | 29.54 | 77.976 | | |
| 6,800.00 | 6,407.52 | 6,316.33 | 6,314.33 | 45.70 | 2.52 | 15.14 | -1,381.69 | -4,134.18 | 2,268.44 | 2,238.32 | 30.11 | 75.331 | | |
| 6,900.00 | 6,499.98 | 6,391.79 | 6,389.73 | 46.49 | 2.54 | 15.41 | -1,379.17 | -4,135.64 | 2,232.56 | 2,201.86 | 30.70 | 72.724 | | |
| 7,000.00 | 6,586.50 | 6,474.99 | 6,472.86 | 47.49 | 2.57 | 15.68 | -1,376.29 | -4,137.70 | 2,184.48 | 2,153.25 | 31.23 | 69.948 | | |
| 7,100.00 | 6,663.58 | 6,539.74 | 6,537.56 | 48.75 | 2.59 | 15.94 | -1,374.38 | -4,139.41 | 2,122.57 | 2,090.84 | 31.72 | 66.909 | | |
| 7,200.00 | 6,728.87 | 6,591.06 | 6,588.82 | 50.23 | 2.61 | 16.20 | -1,372.76 | -4,141.21 | 2,048.95 | 2,016.83 | 32.13 | 63.777 | | |
| 7,300.00 | 6,780.38 | 6,633.66 | 6,631.35 | 51.91 | 2.62 | 16.46 | -1,371.34 | -4,143.01 | 1,965.64 | 1,933.25 | 32.39 | 60.685 | | |
| 7,400.00 | 6,816.56 | 6,665.47 | 6,663.11 | 53.74 | 2.63 | 16.72 | -1,370.26 | -4,144.54 | 1,874.95 | 1,842.45 | 32.50 | 57.697 | | |
| 7,500.00 | 6,836.29 | 6,685.11 | 6,682.72 | 55.65 | 2.64 | 16.98 | -1,369.59 | -4,145.55 | 1,779.51 | 1,747.08 | 32.44 | 54.858 | | |
| 7,600.00 | 6,840.00 | 6,692.41 | 6,689.99 | 57.58 | 2.64 | 17.24 | -1,369.34 | -4,145.94 | 1,682.24 | 1,650.00 | 32.24 | 52.180 | | |
| 7,700.00 | 6,840.00 | 6,696.86 | 6,694.44 | 59.56 | 2.64 | 17.50 | -1,369.18 | -4,146.19 | 1,585.09 | 1,553.07 | 32.02 | 49.496 | | |
| 7,800.00 | 6,840.00 | 6,701.46 | 6,699.03 | 61.60 | 2.65 | 17.76 | -1,369.02 | -4,146.44 | 1,488.31 | 1,456.46 | 31.84 | 46.739 | | |
| 7,900.00 | 6,840.00 | 6,706.22 | 6,703.78 | 63.69 | 2.65 | 18.02 | -1,368.86 | -4,146.71 | 1,391.96 | 1,360.24 | 31.72 | 43.884 | | |
| 8,000.00 | 6,840.00 | 6,711.08 | 6,708.62 | 65.82 | 2.65 | 18.28 | -1,368.69 | -4,146.98 | 1,296.14 | 1,264.46 | 31.69 | 40.905 | | |
| 8,100.00 | 6,840.00 | 6,716.02 | 6,713.55 | 67.99 | 2.65 | 18.54 | -1,368.52 | -4,147.26 | 1,200.99 | 1,169.19 | 31.80 | 37.768 | | |
| 8,200.00 | 6,840.00 | 6,721.05 | 6,718.58 | 70.21 | 2.65 | 18.80 | -1,368.36 | -4,147.55 | 1,106.66 | 1,074.52 | 32.13 | 34.440 | | |
| 8,300.00 | 6,840.00 | 6,726.19 | 6,723.70 | 72.45 | 2.65 | 19.06 | -1,368.18 | -4,147.84 | 1,013.39 | 980.59 | 32.80 | 30.893 | | |
| 8,400.00 | 6,840.00 | 6,731.42 | 6,728.92 | 74.73 | 2.66 | 19.32 | -1,368.01 | -4,148.15 | 921.50 | 887.53 | 33.97 | 27.124 | | |
| 8,500.00 | 6,840.00 | 6,736.75 | 6,734.24 | 77.04 | 2.66 | 19.58 | -1,367.84 | -4,148.46 | 831.45 | 795.58 | 35.87 | 23.177 | | |
| 8,600.00 | 6,840.00 | 6,742.19 | 6,739.67 | 79.38 | 2.66 | 19.84 | -1,367.66 | -4,148.79 | 743.90 | 705.08 | 38.82 | 19.164 | | |
| 8,700.00 | 6,840.00 | 6,747.73 | 6,745.20 | 81.74 | 2.66 | 20.10 | -1,367.48 | -4,149.12 | 659.85 | 616.65 | 43.20 | 15.275 | | |
| 8,800.00 | 6,840.00 | 6,753.39 | 6,750.84 | 84.12 | 2.66 | 20.36 | -1,367.30 | -4,149.46 | 580.82 | 531.34 | 49.48 | 11.739 | | |
| 8,900.00 | 6,840.00 | 6,759.16 | 6,756.60 | 86.52 | 2.66 | 20.62 | -1,367.12 | -4,149.82 | 509.14 | 451.08 | 58.06 | 8.769 | | |
| 9,000.00 | 6,840.00 | 6,765.05 | 6,762.48 | 88.94 | 2.67 | 20.88 | -1,366.94 | -4,150.18 | 448.37 | 379.37 | 69.00 | 6.498 | | |
| 9,100.00 | 6,840.00 | 6,771.07 | 6,768.47 | 91.38 | 2.67 | 21.14 | -1,366.76 | -4,150.56 | 403.44 | 322.14 | 81.30 | 4.962 | | |
| 9,200.00 | 6,840.00 | 6,777.20 | 6,774.60 | 93.83 | 2.67 | 21.40 | -1,366.57 | -4,150.95 | 380.02 | 287.69 | 92.33 | 4.116 | | |
| 9,242.09 | 6,840.00 | 6,779.82 | 6,777.21 | 94.87 | 2.67 | 21.66 | -1,366.49 | -4,151.11 | 377.69 | 281.96 | 95.74 | 3.945 CC, ES | | |
| 9,300.00 | 6,840.00 | 6,783.47 | 6,780.85 | 96.30 | 2.67 | 21.92 | -1,366.38 | -4,151.35 | 382.09 | 283.36 | 98.73 | 3.870 SF | | |
| 9,400.00 | 6,840.00 | 6,789.87 | 6,787.23 | 98.79 | 2.67 | 22.18 | -1,366.19 | -4,151.76 | 409.25 | 309.93 | 99.32 | 4.121 | | |
| 9,500.00 | 6,840.00 | 6,796.41 | 6,793.76 | 101.28 | 2.67 | 22.44 | -1,366.00 | -4,152.19 | 457.05 | 361.22 | 95.83 | 4.769 | | |
| 9,600.00 | 6,840.00 | 6,803.09 | 6,800.42 | 103.79 | 2.68 | 22.70 | -1,365.81 | -4,152.63 | 519.82 | 429.14 | 90.68 | 5.733 | | |
| 9,700.00 | 6,840.00 | 6,809.92 | 6,807.23 | 106.30 | 2.68 | 22.96 | -1,365.62 | -4,153.09 | 592.83 | 507.43 | 85.40 | 6.942 | | |
| 9,800.00 | 6,840.00 | 6,815.89 | 6,813.18 | 108.83 | 2.68 | 23.22 | -1,365.45 | -4,153.47 | 672.76 | 592.13 | 80.62 | 8.344 | | |
| 9,900.00 | 6,840.00 | 6,822.32 | 6,819.60 | 111.37 | 2.68 | 23.48 | -1,365.27 | -4,153.90 | 757.41 | 680.89 | 76.52 | 9.898 | | |
| 10,000.00 | 6,840.00 | 6,828.74 | 6,826.00 | 113.91 | 2.68 | 23.74 | -1,365.09 | -4,154.32 | 845.37 | 772.32 | 73.05 | 11.572 | | |
| 10,100.00 | 6,840.00 | 6,835.14 | 6,832.38 | 116.47 | 2.69 | 24.00 | -1,364.92 | -4,154.74 | 935.71 | 865.57 | 70.14 | 13.341 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,200.00 | 6,840.00 | 6,841.52 | 6,838.75 | 119.03 | 2.69 | -100.96 | -1,364.75 | -4,155.16 | 1,027.79 | 960.11 | 67.68 | 15.185 | | |
| 10,300.00 | 6,840.00 | 6,847.89 | 6,845.10 | 121.59 | 2.69 | -101.89 | -1,364.58 | -4,155.57 | 1,121.20 | 1,055.60 | 65.60 | 17.091 | | |
| 10,400.00 | 6,840.00 | 6,854.24 | 6,851.44 | 124.17 | 2.69 | -102.82 | -1,364.41 | -4,155.99 | 1,215.62 | 1,151.80 | 63.83 | 19.046 | | |
| 10,500.00 | 6,840.00 | 6,860.58 | 6,857.76 | 126.75 | 2.69 | -103.74 | -1,364.24 | -4,156.40 | 1,310.84 | 1,248.54 | 62.30 | 21.040 | | |
| 10,600.00 | 6,840.00 | 6,866.90 | 6,864.07 | 129.34 | 2.69 | -104.65 | -1,364.08 | -4,156.81 | 1,406.69 | 1,345.71 | 60.98 | 23.067 | | |
| 10,700.00 | 6,840.00 | 6,873.20 | 6,870.36 | 131.93 | 2.70 | -105.55 | -1,363.92 | -4,157.23 | 1,503.06 | 1,443.22 | 59.84 | 25.120 | | |
| 10,800.00 | 6,840.00 | 6,879.49 | 6,876.63 | 134.53 | 2.70 | -106.44 | -1,363.76 | -4,157.63 | 1,599.84 | 1,541.01 | 58.83 | 27.194 | | |
| 10,900.00 | 6,840.00 | 6,885.77 | 6,882.89 | 137.13 | 2.70 | -107.33 | -1,363.61 | -4,158.04 | 1,696.98 | 1,639.03 | 57.94 | 29.286 | | |
| 11,000.00 | 6,840.00 | 6,892.03 | 6,889.14 | 139.73 | 2.70 | -108.20 | -1,363.45 | -4,158.45 | 1,794.40 | 1,737.24 | 57.16 | 31.393 | | |
| 11,100.00 | 6,840.00 | 6,898.27 | 6,895.36 | 142.35 | 2.70 | -109.06 | -1,363.30 | -4,158.85 | 1,892.08 | 1,835.61 | 56.46 | 33.510 | | |
| 11,200.00 | 6,840.00 | 6,904.50 | 6,901.58 | 144.96 | 2.71 | -109.92 | -1,363.15 | -4,159.26 | 1,989.96 | 1,934.12 | 55.84 | 35.637 | | |
| 11,300.00 | 6,840.00 | 6,909.26 | 6,906.33 | 147.58 | 2.71 | -110.56 | -1,363.04 | -4,159.56 | 2,088.03 | 2,032.76 | 55.27 | 37.776 | | |
| 11,400.00 | 6,840.00 | 6,914.54 | 6,911.59 | 150.20 | 2.71 | -111.27 | -1,362.92 | -4,159.90 | 2,186.26 | 2,131.49 | 54.77 | 39.919 | | |
| 11,500.00 | 6,840.00 | 6,919.74 | 6,916.78 | 152.83 | 2.71 | -111.96 | -1,362.80 | -4,160.23 | 2,284.62 | 2,230.32 | 54.31 | 42.067 | | |
| 11,600.00 | 6,840.00 | 6,924.86 | 6,921.89 | 155.46 | 2.71 | -112.64 | -1,362.68 | -4,160.55 | 2,383.11 | 2,329.22 | 53.89 | 44.219 | | |
| 11,700.00 | 6,840.00 | 6,929.92 | 6,926.94 | 158.09 | 2.71 | -113.30 | -1,362.57 | -4,160.87 | 2,481.71 | 2,428.20 | 53.52 | 46.373 | | |
| 11,800.00 | 6,840.00 | 6,934.90 | 6,931.91 | 160.73 | 2.71 | -113.95 | -1,362.46 | -4,161.17 | 2,580.40 | 2,527.23 | 53.17 | 48.529 | | |
| 11,900.00 | 6,840.00 | 6,939.82 | 6,936.82 | 163.36 | 2.71 | -114.58 | -1,362.36 | -4,161.48 | 2,679.18 | 2,626.32 | 52.86 | 50.686 | | |
| 12,000.00 | 6,840.00 | 6,944.67 | 6,941.66 | 166.01 | 2.72 | -115.20 | -1,362.26 | -4,161.77 | 2,778.04 | 2,725.47 | 52.57 | 52.843 | | |
| 12,100.00 | 6,840.00 | 6,949.46 | 6,946.43 | 168.65 | 2.72 | -115.80 | -1,362.16 | -4,162.06 | 2,876.96 | 2,824.65 | 52.31 | 55.000 | | |
| 12,200.00 | 6,840.00 | 6,954.18 | 6,951.15 | 171.30 | 2.72 | -116.39 | -1,362.07 | -4,162.35 | 2,975.95 | 2,923.88 | 52.07 | 57.155 | | |
| 12,300.00 | 6,840.00 | 6,958.84 | 6,955.79 | 173.94 | 2.72 | -116.96 | -1,361.98 | -4,162.63 | 3,074.99 | 3,023.15 | 51.85 | 59.310 | | |
| 12,400.00 | 6,840.00 | 6,963.43 | 6,960.38 | 176.59 | 2.72 | -117.53 | -1,361.89 | -4,162.90 | 3,174.09 | 3,122.44 | 51.64 | 61.462 | | |
| 12,500.00 | 6,840.00 | 6,967.97 | 6,964.91 | 179.25 | 2.72 | -118.08 | -1,361.80 | -4,163.17 | 3,273.23 | 3,221.77 | 51.46 | 63.613 | | |
| 12,600.00 | 6,840.00 | 6,972.45 | 6,969.38 | 181.90 | 2.72 | -118.61 | -1,361.72 | -4,163.43 | 3,372.41 | 3,321.13 | 51.28 | 65.761 | | |
| 12,700.00 | 6,840.00 | 6,976.87 | 6,973.79 | 184.56 | 2.72 | -119.14 | -1,361.64 | -4,163.69 | 3,471.63 | 3,420.51 | 51.12 | 67.906 | | |
| 12,800.00 | 6,840.00 | 6,981.23 | 6,978.14 | 187.22 | 2.73 | -119.65 | -1,361.56 | -4,163.94 | 3,570.89 | 3,519.92 | 50.98 | 70.049 | | |
| 12,900.00 | 6,840.00 | 6,985.53 | 6,982.44 | 189.88 | 2.73 | -120.15 | -1,361.49 | -4,164.19 | 3,670.19 | 3,619.34 | 50.84 | 72.188 | | |
| 13,000.00 | 6,840.00 | 6,989.79 | 6,986.69 | 192.54 | 2.73 | -120.64 | -1,361.41 | -4,164.44 | 3,769.51 | 3,718.79 | 50.72 | 74.323 | | |
| 13,100.00 | 6,840.00 | 6,993.98 | 6,990.88 | 195.20 | 2.73 | -121.12 | -1,361.34 | -4,164.68 | 3,868.86 | 3,818.26 | 50.60 | 76.455 | | |
| 13,200.00 | 6,840.00 | 7,000.00 | 6,996.88 | 197.87 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 3,968.24 | 3,917.73 | 50.51 | 78.568 | | |
| 13,300.00 | 6,840.00 | 7,000.00 | 6,996.88 | 200.53 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 4,067.64 | 4,017.25 | 50.39 | 80.724 | | |
| 13,400.00 | 6,840.00 | 7,000.00 | 6,996.88 | 203.20 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 4,167.08 | 4,116.80 | 50.28 | 82.876 | | |
| 13,500.00 | 6,840.00 | 7,000.00 | 6,996.88 | 205.87 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 4,266.54 | 4,216.36 | 50.18 | 85.025 | | |
| 13,600.00 | 6,840.00 | 7,000.00 | 6,996.88 | 208.54 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 4,366.02 | 4,315.93 | 50.09 | 87.171 | | |
| 13,700.00 | 6,840.00 | 7,000.00 | 6,996.88 | 211.22 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 4,465.52 | 4,415.53 | 50.00 | 89.313 | | |
| 13,800.00 | 6,840.00 | 7,000.00 | 6,996.88 | 213.89 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 4,565.05 | 4,515.13 | 49.92 | 91.451 | | |
| 13,900.00 | 6,840.00 | 7,000.00 | 6,996.88 | 216.56 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 4,664.60 | 4,614.76 | 49.84 | 93.585 | | |
| 14,000.00 | 6,840.00 | 7,000.00 | 6,996.88 | 219.24 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 4,764.17 | 4,714.39 | 49.77 | 95.715 | | |
| 14,100.00 | 6,840.00 | 7,000.00 | 6,996.88 | 221.92 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 4,863.75 | 4,814.04 | 49.71 | 97.841 | | |
| 14,200.00 | 6,840.00 | 7,000.00 | 6,996.88 | 224.59 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 4,963.36 | 4,913.70 | 49.65 | 99.962 | | |
| 14,300.00 | 6,840.00 | 7,000.00 | 6,996.88 | 227.27 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 5,062.97 | 5,013.37 | 49.60 | 102.079 | | |
| 14,400.00 | 6,840.00 | 7,000.00 | 6,996.88 | 229.95 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 5,162.60 | 5,113.06 | 49.55 | 104.191 | | |
| 14,500.00 | 6,840.00 | 7,000.00 | 6,996.88 | 232.63 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 5,262.25 | 5,212.75 | 49.50 | 106.298 | | |
| 14,600.00 | 6,840.00 | 7,000.00 | 6,996.88 | 235.31 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 5,361.91 | 5,312.45 | 49.46 | 108.400 | | |
| 14,700.00 | 6,840.00 | 7,000.00 | 6,996.88 | 238.00 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 5,461.58 | 5,412.15 | 49.43 | 110.498 | | |
| 14,800.00 | 6,840.00 | 7,000.00 | 6,996.88 | 240.68 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 5,561.27 | 5,511.87 | 49.39 | 112.590 | | |
| 14,900.00 | 6,840.00 | 7,000.00 | 6,996.88 | 243.36 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 5,660.96 | 5,611.60 | 49.36 | 114.677 | | |
| 15,000.00 | 6,840.00 | 7,000.00 | 6,996.88 | 246.05 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 5,760.67 | 5,711.33 | 49.34 | 116.759 | | |
| 15,100.00 | 6,840.00 | 7,000.00 | 6,996.88 | 248.74 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 5,860.38 | 5,811.07 | 49.31 | 118.836 | | |
| 15,200.00 | 6,840.00 | 7,000.00 | 6,996.88 | 251.42 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 5,960.11 | 5,910.81 | 49.29 | 120.907 | | |
| 15,300.00 | 6,840.00 | 7,000.00 | 6,996.88 | 254.11 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 6,059.84 | 6,010.56 | 49.28 | 122.973 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,400.00 | 6,840.00 | 7,000.00 | 6,996.88 | 256.80 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 6,159.58 | 6,110.32 | 49.26 | 125.033 | | |
| 15,500.00 | 6,840.00 | 7,000.00 | 6,996.88 | 259.49 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 6,259.33 | 6,210.08 | 49.25 | 127.087 | | |
| 15,600.00 | 6,840.00 | 7,000.00 | 6,996.88 | 262.17 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 6,359.09 | 6,309.85 | 49.24 | 129.136 | | |
| 15,700.00 | 6,840.00 | 7,000.00 | 6,996.88 | 264.86 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 6,458.86 | 6,409.62 | 49.24 | 131.179 | | |
| 15,800.00 | 6,840.00 | 7,000.00 | 6,996.88 | 267.55 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 6,558.63 | 6,509.40 | 49.23 | 133.216 | | |
| 15,900.00 | 6,840.00 | 7,000.00 | 6,996.88 | 270.25 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 6,658.41 | 6,609.18 | 49.23 | 135.247 | | |
| 16,000.00 | 6,840.00 | 7,000.00 | 6,996.88 | 272.94 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 6,758.20 | 6,708.96 | 49.23 | 137.272 | | |
| 16,100.00 | 6,840.00 | 7,000.00 | 6,996.88 | 275.63 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 6,857.99 | 6,808.75 | 49.23 | 139.291 | | |
| 16,200.00 | 6,840.00 | 7,000.00 | 6,996.88 | 278.32 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 6,957.79 | 6,908.55 | 49.24 | 141.304 | | |
| 16,300.00 | 6,840.00 | 7,000.00 | 6,996.88 | 281.02 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 7,057.59 | 7,008.35 | 49.25 | 143.311 | | |
| 16,400.00 | 6,840.00 | 7,000.00 | 6,996.88 | 283.71 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 7,157.40 | 7,108.15 | 49.26 | 145.312 | | |
| 16,500.00 | 6,840.00 | 7,000.00 | 6,996.88 | 286.40 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 7,257.22 | 7,207.95 | 49.27 | 147.307 | | |
| 16,600.00 | 6,840.00 | 7,000.00 | 6,996.88 | 289.10 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 7,357.04 | 7,307.76 | 49.28 | 149.295 | | |
| 16,700.00 | 6,840.00 | 7,000.00 | 6,996.88 | 291.79 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 7,456.86 | 7,407.57 | 49.29 | 151.277 | | |
| 16,800.00 | 6,840.00 | 7,000.00 | 6,996.88 | 294.49 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 7,556.69 | 7,507.38 | 49.31 | 153.252 | | |
| 16,900.00 | 6,840.00 | 7,000.00 | 6,996.88 | 297.19 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 7,656.53 | 7,607.20 | 49.33 | 155.222 | | |
| 17,000.00 | 6,840.00 | 7,000.00 | 6,996.88 | 299.88 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 7,756.36 | 7,707.02 | 49.35 | 157.184 | | |
| 17,100.00 | 6,840.00 | 7,000.00 | 6,996.88 | 302.58 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 7,856.21 | 7,806.84 | 49.37 | 159.141 | | |
| 17,200.00 | 6,840.00 | 7,000.00 | 6,996.88 | 305.28 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 7,956.05 | 7,906.66 | 49.39 | 161.090 | | |
| 17,300.00 | 6,840.00 | 7,000.00 | 6,996.88 | 307.97 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 8,055.90 | 8,006.49 | 49.41 | 163.034 | | |
| 17,400.00 | 6,840.00 | 7,000.00 | 6,996.88 | 310.67 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 8,155.76 | 8,106.32 | 49.44 | 164.970 | | |
| 17,500.00 | 6,840.00 | 7,000.00 | 6,996.88 | 313.37 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 8,255.61 | 8,206.15 | 49.46 | 166.900 | | |
| 17,600.00 | 6,840.00 | 7,000.00 | 6,996.88 | 316.07 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 8,355.48 | 8,305.98 | 49.49 | 168.824 | | |
| 17,700.00 | 6,840.00 | 7,000.00 | 6,996.88 | 318.77 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 8,455.34 | 8,405.82 | 49.52 | 170.740 | | |
| 17,800.00 | 6,840.00 | 7,000.00 | 6,996.88 | 321.47 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 8,555.21 | 8,505.65 | 49.55 | 172.650 | | |
| 17,900.00 | 6,840.00 | 7,000.00 | 6,996.88 | 324.17 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 8,655.08 | 8,605.49 | 49.58 | 174.554 | | |
| 18,000.00 | 6,840.00 | 7,000.00 | 6,996.88 | 326.87 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 8,754.95 | 8,705.33 | 49.62 | 176.450 | | |
| 18,100.00 | 6,840.00 | 7,000.00 | 6,996.88 | 329.57 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 8,854.83 | 8,805.17 | 49.65 | 178.340 | | |
| 18,200.00 | 6,840.00 | 7,000.00 | 6,996.88 | 332.27 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 8,954.71 | 8,905.02 | 49.69 | 180.223 | | |
| 18,300.00 | 6,840.00 | 7,000.00 | 6,996.88 | 334.97 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 9,054.59 | 9,004.86 | 49.72 | 182.099 | | |
| 18,400.00 | 6,840.00 | 7,000.00 | 6,996.88 | 337.67 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 9,154.47 | 9,104.71 | 49.76 | 183.969 | | |
| 18,500.00 | 6,840.00 | 7,000.00 | 6,996.88 | 340.38 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 9,254.36 | 9,204.56 | 49.80 | 185.831 | | |
| 18,600.00 | 6,840.00 | 7,000.00 | 6,996.88 | 343.08 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 9,354.25 | 9,304.41 | 49.84 | 187.687 | | |
| 18,700.00 | 6,840.00 | 7,000.00 | 6,996.88 | 345.78 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 9,454.14 | 9,404.26 | 49.88 | 189.535 | | |
| 18,800.00 | 6,840.00 | 7,000.00 | 6,996.88 | 348.48 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 9,554.03 | 9,504.11 | 49.92 | 191.377 | | |
| 18,900.00 | 6,840.00 | 7,000.00 | 6,996.88 | 351.19 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 9,653.93 | 9,603.96 | 49.97 | 193.212 | | |
| 19,000.00 | 6,840.00 | 7,000.00 | 6,996.88 | 353.89 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 9,753.83 | 9,703.82 | 50.01 | 195.040 | | |
| 19,100.00 | 6,840.00 | 7,000.00 | 6,996.88 | 356.59 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 9,853.73 | 9,803.67 | 50.05 | 196.861 | | |
| 19,200.00 | 6,840.00 | 7,000.00 | 6,996.88 | 359.30 | 2.73 | -121.80 | -1,361.24 | -4,165.02 | 9,953.63 | 9,903.53 | 50.10 | 198.675 | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -116.50 | -1,481.45 | -2,971.89 | 3,320.98 | | | | | |
| 100.00 | 100.00 | 46.37 | 46.37 | 0.13 | 0.05 | -116.50 | -1,481.55 | -2,971.90 | 3,320.73 | 3,320.54 | 0.18 | N/A | | |
| 200.00 | 200.00 | 136.50 | 136.49 | 0.49 | 0.15 | -116.51 | -1,482.20 | -2,972.00 | 3,321.15 | 3,320.50 | 0.64 | 5,163.442 | | |
| 300.00 | 300.00 | 235.17 | 235.16 | 0.85 | 0.26 | -116.51 | -1,482.74 | -2,972.35 | 3,321.71 | 3,320.60 | 1.11 | 2,994.223 | | |
| 400.00 | 400.00 | 338.76 | 338.76 | 1.21 | 0.34 | -116.51 | -1,483.02 | -2,972.83 | 3,322.24 | 3,320.69 | 1.55 | 2,146.941 | | |
| 500.00 | 500.00 | 447.37 | 447.36 | 1.57 | 0.40 | -116.51 | -1,482.96 | -2,973.27 | 3,322.58 | 3,320.61 | 1.97 | 1,687.759 | | |
| 600.00 | 599.98 | 552.44 | 552.43 | 1.92 | 0.45 | -0.70 | -1,482.47 | -2,973.61 | 3,320.92 | 3,318.55 | 2.37 | 1,402.952 | | |
| 700.00 | 699.84 | 656.61 | 656.60 | 2.26 | 0.50 | -0.69 | -1,481.87 | -2,973.93 | 3,315.70 | 3,312.94 | 2.76 | 1,202.288 | | |
| 800.00 | 799.45 | 767.69 | 767.68 | 2.62 | 0.55 | -0.68 | -1,481.02 | -2,974.05 | 3,306.75 | 3,303.60 | 3.15 | 1,049.018 | | |
| 900.00 | 898.70 | 870.61 | 870.60 | 2.99 | 0.59 | -0.68 | -1,480.12 | -2,973.89 | 3,294.04 | 3,290.49 | 3.54 | 929.633 | | |
| 1,000.00 | 997.47 | 965.84 | 965.81 | 3.39 | 0.63 | -0.67 | -1,479.26 | -2,973.78 | 3,277.90 | 3,273.96 | 3.93 | 833.186 | | |
| 1,100.00 | 1,095.62 | 1,060.58 | 1,060.55 | 3.81 | 0.66 | -0.67 | -1,478.42 | -2,973.80 | 3,258.45 | 3,254.12 | 4.33 | 752.982 | | |
| 1,200.00 | 1,193.06 | 1,151.04 | 1,151.01 | 4.27 | 0.70 | -0.66 | -1,477.66 | -2,973.92 | 3,235.70 | 3,230.98 | 4.72 | 685.345 | | |
| 1,300.00 | 1,289.64 | 1,241.06 | 1,241.03 | 4.77 | 0.73 | -0.66 | -1,477.02 | -2,974.25 | 3,209.83 | 3,204.72 | 5.12 | 627.150 | | |
| 1,400.00 | 1,385.27 | 1,335.57 | 1,335.54 | 5.31 | 0.77 | -0.66 | -1,476.45 | -2,974.65 | 3,180.71 | 3,175.19 | 5.52 | 576.228 | | |
| 1,500.00 | 1,479.82 | 1,428.62 | 1,428.58 | 5.91 | 0.81 | -0.66 | -1,475.91 | -2,975.04 | 3,148.26 | 3,142.34 | 5.92 | 531.588 | | |
| 1,600.00 | 1,573.19 | 1,516.20 | 1,516.16 | 6.55 | 0.83 | -0.67 | -1,475.76 | -2,975.36 | 3,112.73 | 3,106.41 | 6.33 | 491.874 | | |
| 1,700.00 | 1,666.16 | 1,603.66 | 1,603.62 | 7.23 | 0.86 | -0.68 | -1,475.83 | -2,975.77 | 3,076.32 | 3,069.59 | 6.73 | 457.119 | | |
| 1,800.00 | 1,759.13 | 1,699.87 | 1,699.83 | 7.93 | 0.89 | -0.67 | -1,475.48 | -2,976.47 | 3,039.94 | 3,032.81 | 7.13 | 426.261 | | |
| 1,900.00 | 1,852.10 | 1,794.08 | 1,794.03 | 8.64 | 0.93 | -0.66 | -1,474.71 | -2,977.29 | 3,003.49 | 2,995.95 | 7.54 | 398.291 | | |
| 2,000.00 | 1,945.06 | 1,891.22 | 1,891.17 | 9.35 | 0.96 | -0.65 | -1,473.96 | -2,978.03 | 2,966.97 | 2,959.02 | 7.95 | 373.078 | | |
| 2,100.00 | 2,038.03 | 1,975.42 | 1,975.36 | 10.08 | 0.99 | -0.64 | -1,473.36 | -2,978.70 | 2,930.51 | 2,922.14 | 8.37 | 350.193 | | |
| 2,200.00 | 2,131.00 | 2,085.78 | 2,085.72 | 10.81 | 1.03 | -0.62 | -1,472.49 | -2,979.61 | 2,894.05 | 2,885.27 | 8.78 | 329.664 | | |
| 2,300.00 | 2,223.97 | 2,196.88 | 2,196.80 | 11.54 | 1.06 | -0.61 | -1,471.48 | -2,979.67 | 2,856.88 | 2,847.70 | 9.19 | 311.023 | | |
| 2,400.00 | 2,316.94 | 2,306.15 | 2,306.07 | 12.28 | 1.09 | -0.60 | -1,470.08 | -2,979.20 | 2,819.16 | 2,809.57 | 9.59 | 293.911 | | |
| 2,500.00 | 2,409.90 | 2,405.51 | 2,405.41 | 13.02 | 1.12 | -0.58 | -1,468.34 | -2,978.55 | 2,781.07 | 2,771.06 | 10.00 | 278.031 | | |
| 2,600.00 | 2,502.87 | 2,495.91 | 2,495.79 | 13.77 | 1.15 | -0.55 | -1,466.46 | -2,978.03 | 2,742.89 | 2,732.47 | 10.42 | 263.248 | | |
| 2,700.00 | 2,595.84 | 2,588.11 | 2,587.96 | 14.51 | 1.18 | -0.52 | -1,464.43 | -2,977.58 | 2,704.74 | 2,693.91 | 10.84 | 249.588 | | |
| 2,800.00 | 2,688.81 | 2,676.89 | 2,676.73 | 15.26 | 1.20 | -0.49 | -1,462.61 | -2,977.14 | 2,666.66 | 2,655.40 | 11.26 | 236.870 | | |
| 2,900.00 | 2,781.77 | 2,758.98 | 2,758.80 | 16.01 | 1.23 | -0.47 | -1,461.06 | -2,976.89 | 2,628.79 | 2,617.11 | 11.69 | 224.964 | | |
| 3,000.00 | 2,874.74 | 2,848.83 | 2,848.63 | 16.76 | 1.26 | -0.44 | -1,459.45 | -2,976.95 | 2,591.28 | 2,579.18 | 12.11 | 213.999 | | |
| 3,100.00 | 2,967.71 | 2,943.07 | 2,942.86 | 17.52 | 1.29 | -0.42 | -1,457.87 | -2,976.83 | 2,553.65 | 2,541.12 | 12.53 | 203.810 | | |
| 3,200.00 | 3,060.68 | 3,031.49 | 3,031.26 | 18.27 | 1.32 | -0.38 | -1,456.14 | -2,976.95 | 2,516.13 | 2,503.17 | 12.96 | 194.198 | | |
| 3,300.00 | 3,153.65 | 3,120.08 | 3,119.83 | 19.03 | 1.35 | -0.34 | -1,454.32 | -2,977.28 | 2,478.76 | 2,465.37 | 13.38 | 185.194 | | |
| 3,400.00 | 3,246.61 | 3,210.19 | 3,209.92 | 19.78 | 1.38 | -0.30 | -1,452.42 | -2,977.81 | 2,441.55 | 2,427.73 | 13.81 | 176.769 | | |
| 3,500.00 | 3,339.58 | 3,318.82 | 3,318.53 | 20.54 | 1.41 | -0.25 | -1,450.29 | -2,977.99 | 2,404.05 | 2,389.83 | 14.22 | 169.096 | | |
| 3,600.00 | 3,432.55 | 3,377.10 | 3,376.81 | 21.30 | 1.43 | -0.23 | -1,449.57 | -2,978.33 | 2,367.09 | 2,352.41 | 14.68 | 161.225 | | |
| 3,700.00 | 3,525.52 | 3,455.88 | 3,455.58 | 22.06 | 1.45 | -0.22 | -1,449.09 | -2,979.29 | 2,331.01 | 2,315.88 | 15.13 | 154.100 | | |
| 3,800.00 | 3,618.49 | 3,542.10 | 3,541.79 | 22.82 | 1.47 | -0.20 | -1,448.79 | -2,980.57 | 2,295.28 | 2,279.72 | 15.56 | 147.470 | | |
| 3,900.00 | 3,711.45 | 3,635.39 | 3,635.06 | 23.57 | 1.50 | -0.17 | -1,448.31 | -2,982.30 | 2,259.78 | 2,243.79 | 15.99 | 141.295 | | |
| 4,000.00 | 3,804.42 | 3,760.38 | 3,760.03 | 24.33 | 1.54 | -0.11 | -1,446.88 | -2,984.15 | 2,223.78 | 2,207.42 | 16.37 | 135.854 | | |
| 4,100.00 | 3,897.39 | 3,874.44 | 3,874.06 | 25.09 | 1.57 | -0.05 | -1,444.41 | -2,984.41 | 2,186.22 | 2,169.46 | 16.76 | 130.468 | | |
| 4,200.00 | 3,990.36 | 3,974.41 | 3,974.00 | 25.86 | 1.60 | 0.01 | -1,441.98 | -2,984.24 | 2,148.26 | 2,131.09 | 17.17 | 125.131 | | |
| 4,300.00 | 4,083.32 | 4,074.18 | 4,073.73 | 26.62 | 1.63 | 0.08 | -1,439.08 | -2,983.92 | 2,109.98 | 2,092.40 | 17.58 | 120.031 | | |
| 4,400.00 | 4,176.29 | 4,170.99 | 4,170.50 | 27.38 | 1.66 | 0.15 | -1,436.26 | -2,983.30 | 2,071.43 | 2,053.44 | 17.99 | 115.117 | | |
| 4,500.00 | 4,269.26 | 4,258.25 | 4,257.72 | 28.14 | 1.69 | 0.21 | -1,433.94 | -2,982.58 | 2,032.85 | 2,014.42 | 18.43 | 110.299 | | |
| 4,600.00 | 4,362.23 | 4,346.26 | 4,345.69 | 28.90 | 1.71 | 0.29 | -1,431.24 | -2,982.38 | 1,994.59 | 1,975.73 | 18.87 | 105.719 | | |
| 4,700.00 | 4,455.20 | 4,438.29 | 4,437.68 | 29.66 | 1.74 | 0.37 | -1,428.53 | -2,982.17 | 1,956.39 | 1,937.10 | 19.29 | 101.394 | | |
| 4,800.00 | 4,548.16 | 4,530.05 | 4,529.41 | 30.43 | 1.77 | 0.44 | -1,426.04 | -2,981.90 | 1,918.23 | 1,898.50 | 19.72 | 97.253 | | |
| 4,900.00 | 4,641.13 | 4,624.94 | 4,624.26 | 31.19 | 1.80 | 0.53 | -1,423.37 | -2,981.66 | 1,880.07 | 1,859.92 | 20.15 | 93.327 | | |
| 5,000.00 | 4,734.10 | 4,725.80 | 4,725.07 | 31.95 | 1.83 | 0.62 | -1,420.30 | -2,981.07 | 1,841.53 | 1,820.98 | 20.55 | 89.619 | | |
| 5,100.00 | 4,827.07 | 4,818.25 | 4,817.48 | 32.71 | 1.86 | 0.71 | -1,417.60 | -2,980.27 | 1,802.82 | 1,781.85 | 20.98 | 85.948 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,909.34 | 4,908.53 | 33.48 | 1.88 | 0.79 | -1,415.11 | -2,979.45 | 1,764.15 | 1,742.74 | 21.41 | 82.406 | | |
| 5,300.00 | 5,013.00 | 5,001.61 | 5,000.76 | 34.24 | 1.91 | 0.87 | -1,412.68 | -2,978.59 | 1,725.51 | 1,703.67 | 21.84 | 79.017 | | |
| 5,400.00 | 5,105.97 | 5,094.39 | 5,093.51 | 35.00 | 1.94 | 0.96 | -1,410.30 | -2,977.68 | 1,686.85 | 1,664.58 | 22.26 | 75.763 | | |
| 5,500.00 | 5,198.94 | 5,191.98 | 5,191.05 | 35.77 | 1.97 | 1.05 | -1,407.78 | -2,976.55 | 1,648.03 | 1,625.36 | 22.68 | 72.680 | | |
| 5,600.00 | 5,291.91 | 5,292.04 | 5,291.07 | 36.53 | 1.99 | 1.15 | -1,405.08 | -2,974.97 | 1,608.84 | 1,585.76 | 23.07 | 69.723 | | |
| 5,700.00 | 5,384.87 | 5,383.03 | 5,382.01 | 37.29 | 2.02 | 1.24 | -1,402.56 | -2,973.33 | 1,569.42 | 1,545.91 | 23.51 | 66.758 | | |
| 5,800.00 | 5,477.84 | 5,470.34 | 5,469.28 | 38.06 | 2.04 | 1.32 | -1,400.37 | -2,971.82 | 1,530.17 | 1,506.21 | 23.96 | 63.862 | | |
| 5,900.00 | 5,570.81 | 5,562.12 | 5,561.03 | 38.82 | 2.06 | 1.39 | -1,398.66 | -2,970.20 | 1,491.14 | 1,466.74 | 24.39 | 61.127 | | |
| 6,000.00 | 5,663.78 | 5,657.39 | 5,656.27 | 39.59 | 2.08 | 1.46 | -1,396.82 | -2,968.39 | 1,451.97 | 1,427.16 | 24.81 | 58.519 | | |
| 6,100.00 | 5,756.75 | 5,752.05 | 5,750.89 | 40.35 | 2.10 | 1.54 | -1,395.08 | -2,966.31 | 1,412.59 | 1,387.36 | 25.23 | 55.984 | | |
| 6,200.00 | 5,849.71 | 5,845.48 | 5,844.28 | 41.12 | 2.12 | 1.60 | -1,393.51 | -2,964.04 | 1,373.08 | 1,347.42 | 25.66 | 53.515 | | |
| 6,300.00 | 5,942.68 | 5,937.90 | 5,936.65 | 41.88 | 2.14 | 1.67 | -1,391.94 | -2,961.72 | 1,333.49 | 1,307.40 | 26.09 | 51.112 | | |
| 6,400.00 | 6,035.65 | 6,025.20 | 6,023.91 | 42.64 | 2.16 | 1.73 | -1,390.48 | -2,959.57 | 1,293.96 | 1,267.41 | 26.55 | 48.736 | | |
| 6,500.00 | 6,128.62 | 6,104.50 | 6,103.19 | 43.41 | 2.18 | 1.81 | -1,389.23 | -2,958.28 | 1,255.17 | 1,228.10 | 27.06 | 46.380 | | |
| 6,600.00 | 6,221.59 | 6,190.21 | 6,188.89 | 44.17 | 2.20 | 1.90 | -1,387.93 | -2,957.58 | 1,217.08 | 1,189.54 | 27.54 | 44.191 | | |
| 6,700.00 | 6,314.55 | 6,282.34 | 6,281.01 | 44.94 | 2.23 | 2.03 | -1,386.42 | -2,957.19 | 1,179.29 | 1,151.31 | 27.98 | 42.144 | | |
| 6,800.00 | 6,407.52 | 6,370.45 | 6,369.10 | 45.70 | 2.26 | 2.17 | -1,384.79 | -2,957.04 | 1,141.64 | 1,113.19 | 28.45 | 40.127 | | |
| 6,900.00 | 6,499.98 | 6,462.86 | 6,461.49 | 46.49 | 2.29 | -2.60 | -1,383.00 | -2,957.24 | 1,103.06 | 1,074.17 | 28.89 | 38.182 | | |
| 7,000.00 | 6,586.50 | 6,549.56 | 6,548.17 | 47.49 | 2.32 | -11.66 | -1,381.21 | -2,957.32 | 1,052.85 | 1,023.53 | 29.32 | 35.905 | | |
| 7,100.00 | 6,663.58 | 6,625.08 | 6,623.69 | 48.75 | 2.35 | -20.06 | -1,379.76 | -2,957.40 | 990.27 | 960.53 | 29.74 | 33.299 | | |
| 7,200.00 | 6,728.87 | 6,688.82 | 6,687.41 | 50.23 | 2.37 | -30.33 | -1,378.65 | -2,957.53 | 917.55 | 887.41 | 30.14 | 30.444 | | |
| 7,300.00 | 6,780.38 | 6,736.73 | 6,735.32 | 51.91 | 2.38 | -44.18 | -1,377.88 | -2,957.74 | 837.51 | 806.88 | 30.63 | 27.344 | | |
| 7,400.00 | 6,816.56 | 6,770.67 | 6,769.25 | 53.74 | 2.39 | -61.95 | -1,377.36 | -2,958.04 | 753.53 | 722.15 | 31.37 | 24.018 | | |
| 7,500.00 | 6,836.29 | 6,790.06 | 6,788.63 | 55.65 | 2.40 | -80.18 | -1,377.07 | -2,958.28 | 669.49 | 636.75 | 32.74 | 20.447 | | |
| 7,600.00 | 6,840.00 | 6,794.81 | 6,793.38 | 57.58 | 2.40 | -89.91 | -1,377.00 | -2,958.34 | 589.95 | 554.64 | 35.31 | 16.708 | | |
| 7,700.00 | 6,840.00 | 6,796.13 | 6,794.71 | 59.56 | 2.40 | -90.11 | -1,376.98 | -2,958.36 | 517.86 | 478.18 | 39.69 | 13.049 | | |
| 7,800.00 | 6,840.00 | 6,797.49 | 6,796.06 | 61.60 | 2.40 | -90.31 | -1,376.96 | -2,958.38 | 456.42 | 410.18 | 46.24 | 9.871 | | |
| 7,900.00 | 6,840.00 | 6,798.88 | 6,797.45 | 63.69 | 2.40 | -90.52 | -1,376.94 | -2,958.40 | 410.43 | 355.80 | 54.63 | 7.513 | | |
| 8,000.00 | 6,840.00 | 6,800.30 | 6,798.87 | 65.82 | 2.40 | -90.73 | -1,376.92 | -2,958.42 | 385.46 | 322.21 | 63.25 | 6.094 | | |
| 8,049.37 | 6,840.00 | 6,801.01 | 6,799.59 | 66.89 | 2.40 | -90.84 | -1,376.91 | -2,958.43 | 382.29 | 315.47 | 66.82 | 5.721 CC, ES | | |
| 8,100.00 | 6,840.00 | 6,801.75 | 6,800.33 | 67.99 | 2.40 | -90.95 | -1,376.90 | -2,958.44 | 385.63 | 316.00 | 69.62 | 5.539 SF | | |
| 8,200.00 | 6,840.00 | 6,803.26 | 6,801.83 | 70.21 | 2.40 | -91.17 | -1,376.87 | -2,958.46 | 410.89 | 338.60 | 72.29 | 5.684 | | |
| 8,300.00 | 6,840.00 | 6,804.84 | 6,803.41 | 72.45 | 2.40 | -91.41 | -1,376.85 | -2,958.49 | 457.10 | 385.25 | 71.86 | 6.361 | | |
| 8,400.00 | 6,840.00 | 6,806.49 | 6,805.07 | 74.73 | 2.40 | -91.66 | -1,376.83 | -2,958.51 | 518.70 | 448.90 | 69.81 | 7.431 | | |
| 8,500.00 | 6,840.00 | 6,808.22 | 6,806.80 | 77.04 | 2.40 | -91.92 | -1,376.80 | -2,958.54 | 590.90 | 523.65 | 67.25 | 8.787 | | |
| 8,600.00 | 6,840.00 | 6,810.04 | 6,808.61 | 79.38 | 2.40 | -92.19 | -1,376.78 | -2,958.57 | 670.27 | 605.53 | 64.74 | 10.353 | | |
| 8,700.00 | 6,840.00 | 6,811.94 | 6,810.51 | 81.74 | 2.40 | -92.47 | -1,376.75 | -2,958.60 | 754.56 | 692.07 | 62.48 | 12.076 | | |
| 8,800.00 | 6,840.00 | 6,813.94 | 6,812.51 | 84.12 | 2.40 | -92.77 | -1,376.72 | -2,958.64 | 842.28 | 781.76 | 60.52 | 13.916 | | |
| 8,900.00 | 6,840.00 | 6,816.04 | 6,814.61 | 86.52 | 2.40 | -93.09 | -1,376.69 | -2,958.68 | 932.48 | 873.63 | 58.85 | 15.845 | | |
| 9,000.00 | 6,840.00 | 6,818.25 | 6,816.82 | 88.94 | 2.40 | -93.42 | -1,376.66 | -2,958.72 | 1,024.50 | 967.08 | 57.42 | 17.843 | | |
| 9,100.00 | 6,840.00 | 6,820.58 | 6,819.15 | 91.38 | 2.40 | -93.77 | -1,376.63 | -2,958.76 | 1,117.88 | 1,061.69 | 56.19 | 19.893 | | |
| 9,200.00 | 6,840.00 | 6,823.05 | 6,821.62 | 93.83 | 2.40 | -94.14 | -1,376.59 | -2,958.81 | 1,212.32 | 1,157.17 | 55.14 | 21.985 | | |
| 9,300.00 | 6,840.00 | 6,825.65 | 6,824.22 | 96.30 | 2.40 | -94.52 | -1,376.56 | -2,958.86 | 1,307.58 | 1,253.34 | 54.23 | 24.110 | | |
| 9,400.00 | 6,840.00 | 6,828.41 | 6,826.98 | 98.79 | 2.40 | -94.94 | -1,376.52 | -2,958.91 | 1,403.49 | 1,350.05 | 53.45 | 26.260 | | |
| 9,500.00 | 6,840.00 | 6,831.34 | 6,829.90 | 101.28 | 2.41 | -95.37 | -1,376.48 | -2,958.97 | 1,499.94 | 1,447.18 | 52.76 | 28.431 | | |
| 9,600.00 | 6,840.00 | 6,834.45 | 6,833.02 | 103.79 | 2.41 | -95.83 | -1,376.44 | -2,959.04 | 1,596.82 | 1,544.66 | 52.15 | 30.618 | | |
| 9,700.00 | 6,840.00 | 6,837.76 | 6,836.33 | 106.30 | 2.41 | -96.33 | -1,376.39 | -2,959.11 | 1,694.05 | 1,642.43 | 51.62 | 32.817 | | |
| 9,800.00 | 6,840.00 | 6,841.30 | 6,839.86 | 108.83 | 2.41 | -96.85 | -1,376.35 | -2,959.20 | 1,791.59 | 1,740.44 | 51.15 | 35.026 | | |
| 9,900.00 | 6,840.00 | 6,845.08 | 6,843.64 | 111.37 | 2.41 | -97.41 | -1,376.30 | -2,959.29 | 1,889.38 | 1,838.65 | 50.73 | 37.242 | | |
| 10,000.00 | 6,840.00 | 6,849.14 | 6,847.70 | 113.91 | 2.41 | -98.01 | -1,376.25 | -2,959.38 | 1,987.39 | 1,937.03 | 50.36 | 39.463 | | |
| 10,100.00 | 6,840.00 | 6,853.49 | 6,852.05 | 116.47 | 2.41 | -98.65 | -1,376.19 | -2,959.50 | 2,085.58 | 2,035.55 | 50.03 | 41.688 | | |
| 10,200.00 | 6,840.00 | 6,858.19 | 6,856.74 | 119.03 | 2.41 | -99.34 | -1,376.13 | -2,959.62 | 2,183.92 | 2,134.19 | 49.73 | 43.914 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,863.26 | 6,861.82 | 121.59 | 2.41 | -100.08 | -1,376.07 | -2,959.76 | 2,282.41 | 2,232.94 | 49.47 | 46.140 | | |
| 10,400.00 | 6,840.00 | 6,868.76 | 6,867.31 | 124.17 | 2.41 | -100.88 | -1,376.00 | -2,959.92 | 2,381.02 | 2,331.79 | 49.23 | 48.365 | | |
| 10,500.00 | 6,840.00 | 6,874.75 | 6,873.29 | 126.75 | 2.42 | -101.75 | -1,375.93 | -2,960.09 | 2,479.73 | 2,430.71 | 49.02 | 50.587 | | |
| 10,600.00 | 6,840.00 | 6,881.28 | 6,879.82 | 129.34 | 2.42 | -102.69 | -1,375.85 | -2,960.30 | 2,578.53 | 2,529.70 | 48.83 | 52.806 | | |
| 10,700.00 | 6,840.00 | 6,888.44 | 6,886.98 | 131.93 | 2.42 | -103.71 | -1,375.77 | -2,960.53 | 2,677.42 | 2,628.75 | 48.66 | 55.019 | | |
| 10,800.00 | 6,840.00 | 6,896.32 | 6,894.86 | 134.53 | 2.42 | -104.83 | -1,375.68 | -2,960.80 | 2,776.37 | 2,727.85 | 48.52 | 57.225 | | |
| 10,900.00 | 6,840.00 | 6,905.05 | 6,903.58 | 137.13 | 2.42 | -106.05 | -1,375.59 | -2,961.12 | 2,875.39 | 2,827.00 | 48.39 | 59.423 | | |
| 11,000.00 | 6,840.00 | 6,914.75 | 6,913.27 | 139.73 | 2.42 | -107.39 | -1,375.49 | -2,961.49 | 2,974.46 | 2,926.18 | 48.28 | 61.610 | | |
| 11,100.00 | 6,840.00 | 11,100.00 | 6,875.78 | 142.35 | 3.96 | -102.11 | -1,375.93 | -2,960.36 | 3,073.53 | 3,025.18 | 48.35 | 63.571 | | |
| 11,200.00 | 6,840.00 | 11,200.00 | 6,878.30 | 144.96 | 4.01 | -102.47 | -1,375.90 | -2,960.42 | 3,172.75 | 3,124.53 | 48.22 | 65.804 | | |
| 11,300.00 | 6,840.00 | 6,930.56 | 6,929.07 | 147.58 | 2.43 | -109.54 | -1,375.31 | -2,962.10 | 3,271.98 | 3,224.03 | 47.95 | 68.232 | | |
| 11,400.00 | 6,840.00 | 6,938.27 | 6,936.77 | 150.20 | 2.43 | -110.56 | -1,375.23 | -2,962.41 | 3,371.23 | 3,323.36 | 47.88 | 70.415 | | |
| 11,500.00 | 6,840.00 | 6,946.40 | 6,944.90 | 152.83 | 2.43 | -111.63 | -1,375.14 | -2,962.75 | 3,470.52 | 3,422.71 | 47.81 | 72.589 | | |
| 11,600.00 | 6,840.00 | 6,955.01 | 6,953.50 | 155.46 | 2.43 | -112.75 | -1,375.05 | -2,963.12 | 3,569.84 | 3,522.08 | 47.75 | 74.755 | | |
| 11,700.00 | 6,840.00 | 6,964.13 | 6,962.61 | 158.09 | 2.43 | -113.91 | -1,374.95 | -2,963.53 | 3,669.18 | 3,621.47 | 47.71 | 76.911 | | |
| 11,800.00 | 6,840.00 | 6,973.81 | 6,972.27 | 160.73 | 2.43 | -115.12 | -1,374.85 | -2,963.97 | 3,768.55 | 3,720.88 | 47.67 | 79.057 | | |
| 11,900.00 | 6,840.00 | 6,984.10 | 6,982.55 | 163.36 | 2.44 | -116.38 | -1,374.74 | -2,964.46 | 3,867.93 | 3,820.29 | 47.64 | 81.192 | | |
| 12,000.00 | 6,840.00 | 6,995.05 | 6,993.49 | 166.01 | 2.44 | -117.70 | -1,374.62 | -2,964.99 | 3,967.34 | 3,919.72 | 47.62 | 83.316 | | |
| 12,100.00 | 6,840.00 | 7,006.75 | 7,005.17 | 168.65 | 2.44 | -119.07 | -1,374.49 | -2,965.58 | 4,066.76 | 4,019.15 | 47.61 | 85.426 | | |
| 12,200.00 | 6,840.00 | 7,019.26 | 7,017.66 | 171.30 | 2.44 | -120.50 | -1,374.36 | -2,966.23 | 4,166.19 | 4,118.59 | 47.60 | 87.523 | | |
| 12,300.00 | 6,840.00 | 12,300.00 | 6,981.09 | 173.94 | 4.53 | -116.21 | -1,374.75 | -2,964.49 | 4,265.65 | 4,212.31 | 53.34 | 79.976 | | |
| 12,400.00 | 6,840.00 | 12,400.00 | 6,985.40 | 176.59 | 4.58 | -116.73 | -1,374.71 | -2,964.68 | 4,365.16 | 4,311.70 | 53.47 | 81.643 | | |
| 12,500.00 | 6,840.00 | 12,500.00 | 6,989.70 | 179.25 | 4.63 | -117.25 | -1,374.66 | -2,964.86 | 4,464.70 | 4,411.10 | 53.60 | 83.297 | | |
| 12,600.00 | 6,840.00 | 12,600.00 | 6,994.00 | 181.90 | 4.68 | -117.76 | -1,374.61 | -2,965.05 | 4,564.24 | 4,510.51 | 53.74 | 84.937 | | |
| 12,700.00 | 6,840.00 | 12,700.00 | 6,998.31 | 184.56 | 4.73 | -118.27 | -1,374.57 | -2,965.23 | 4,663.81 | 4,609.93 | 53.88 | 86.563 | | |
| 12,800.00 | 6,840.00 | 12,800.00 | 7,002.61 | 187.22 | 4.78 | -118.77 | -1,374.52 | -2,965.42 | 4,763.39 | 4,709.37 | 54.02 | 88.176 | | |
| 12,900.00 | 6,840.00 | 12,900.00 | 7,006.92 | 189.88 | 4.84 | -119.27 | -1,374.47 | -2,965.60 | 4,862.98 | 4,808.81 | 54.17 | 89.775 | | |
| 13,000.00 | 6,840.00 | 7,000.00 | 6,998.43 | 192.54 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 4,962.60 | 4,915.39 | 47.21 | 105.127 | | |
| 13,100.00 | 6,840.00 | 7,000.00 | 6,998.43 | 195.20 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 5,062.23 | 5,015.04 | 47.18 | 107.288 | | |
| 13,200.00 | 6,840.00 | 7,000.00 | 6,998.43 | 197.87 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 5,161.87 | 5,114.71 | 47.16 | 109.445 | | |
| 13,300.00 | 6,840.00 | 7,000.00 | 6,998.43 | 200.53 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 5,261.53 | 5,214.38 | 47.15 | 111.596 | | |
| 13,400.00 | 6,840.00 | 7,000.00 | 6,998.43 | 203.20 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 5,361.20 | 5,314.06 | 47.13 | 113.743 | | |
| 13,500.00 | 6,840.00 | 7,000.00 | 6,998.43 | 205.87 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 5,460.88 | 5,413.76 | 47.12 | 115.884 | | |
| 13,600.00 | 6,840.00 | 7,000.00 | 6,998.43 | 208.54 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 5,560.57 | 5,513.46 | 47.12 | 118.021 | | |
| 13,700.00 | 6,840.00 | 7,000.00 | 6,998.43 | 211.22 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 5,660.28 | 5,613.17 | 47.11 | 120.152 | | |
| 13,800.00 | 6,840.00 | 7,000.00 | 6,998.43 | 213.89 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 5,759.99 | 5,712.88 | 47.11 | 122.278 | | |
| 13,900.00 | 6,840.00 | 7,000.00 | 6,998.43 | 216.56 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 5,859.71 | 5,812.61 | 47.10 | 124.398 | | |
| 14,000.00 | 6,840.00 | 7,000.00 | 6,998.43 | 219.24 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 5,959.45 | 5,912.34 | 47.11 | 126.513 | | |
| 14,100.00 | 6,840.00 | 7,000.00 | 6,998.43 | 221.92 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 6,059.19 | 6,012.08 | 47.11 | 128.622 | | |
| 14,200.00 | 6,840.00 | 7,000.00 | 6,998.43 | 224.59 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 6,158.94 | 6,111.83 | 47.11 | 130.726 | | |
| 14,300.00 | 6,840.00 | 7,000.00 | 6,998.43 | 227.27 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 6,258.70 | 6,211.58 | 47.12 | 132.824 | | |
| 14,400.00 | 6,840.00 | 7,000.00 | 6,998.43 | 229.95 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 6,358.46 | 6,311.33 | 47.13 | 134.917 | | |
| 14,500.00 | 6,840.00 | 7,000.00 | 6,998.43 | 232.63 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 6,458.24 | 6,411.10 | 47.14 | 137.003 | | |
| 14,600.00 | 6,840.00 | 7,000.00 | 6,998.43 | 235.31 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 6,558.02 | 6,510.87 | 47.15 | 139.084 | | |
| 14,700.00 | 6,840.00 | 7,000.00 | 6,998.43 | 238.00 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 6,657.80 | 6,610.64 | 47.17 | 141.159 | | |
| 14,800.00 | 6,840.00 | 7,000.00 | 6,998.43 | 240.68 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 6,757.60 | 6,710.42 | 47.18 | 143.228 | | |
| 14,900.00 | 6,840.00 | 7,000.00 | 6,998.43 | 243.36 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 6,857.40 | 6,810.20 | 47.20 | 145.290 | | |
| 15,000.00 | 6,840.00 | 7,000.00 | 6,998.43 | 246.05 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 6,957.20 | 6,909.98 | 47.22 | 147.347 | | |
| 15,100.00 | 6,840.00 | 7,000.00 | 6,998.43 | 248.74 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 7,057.01 | 7,009.77 | 47.24 | 149.397 | | |
| 15,200.00 | 6,840.00 | 7,000.00 | 6,998.43 | 251.42 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 7,156.83 | 7,109.57 | 47.26 | 151.442 | | |
| 15,300.00 | 6,840.00 | 7,000.00 | 6,998.43 | 254.11 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 7,256.65 | 7,209.37 | 47.28 | 153.480 | | |
| 15,400.00 | 6,840.00 | 7,000.00 | 6,998.43 | 256.80 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 7,356.47 | 7,309.17 | 47.31 | 155.511 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 15,500.00 | 6,840.00 | 7,000.00 | 6,998.43 | 259.49 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 7,456.30 | 7,408.97 | 47.33 | 157.537 | |
| 15,600.00 | 6,840.00 | 7,000.00 | 6,998.43 | 262.17 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 7,556.14 | 7,508.78 | 47.36 | 159.556 | |
| 15,700.00 | 6,840.00 | 7,000.00 | 6,998.43 | 264.86 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 7,655.98 | 7,608.59 | 47.39 | 161.568 | |
| 15,800.00 | 6,840.00 | 7,000.00 | 6,998.43 | 267.55 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 7,755.82 | 7,708.40 | 47.41 | 163.574 | |
| 15,900.00 | 6,840.00 | 7,000.00 | 6,998.43 | 270.25 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 7,855.67 | 7,808.22 | 47.45 | 165.574 | |
| 16,000.00 | 6,840.00 | 7,000.00 | 6,998.43 | 272.94 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 7,955.52 | 7,908.04 | 47.48 | 167.567 | |
| 16,100.00 | 6,840.00 | 7,000.00 | 6,998.43 | 275.63 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 8,055.37 | 8,007.86 | 47.51 | 169.553 | |
| 16,200.00 | 6,840.00 | 7,000.00 | 6,998.43 | 278.32 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 8,155.23 | 8,107.69 | 47.54 | 171.533 | |
| 16,300.00 | 6,840.00 | 7,000.00 | 6,998.43 | 281.02 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 8,255.09 | 8,207.51 | 47.58 | 173.506 | |
| 16,400.00 | 6,840.00 | 7,000.00 | 6,998.43 | 283.71 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 8,354.96 | 8,307.34 | 47.61 | 175.473 | |
| 16,500.00 | 6,840.00 | 7,000.00 | 6,998.43 | 286.40 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 8,454.82 | 8,407.17 | 47.65 | 177.433 | |
| 16,600.00 | 6,840.00 | 7,000.00 | 6,998.43 | 289.10 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 8,554.70 | 8,507.01 | 47.69 | 179.386 | |
| 16,700.00 | 6,840.00 | 7,000.00 | 6,998.43 | 291.79 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 8,654.57 | 8,606.84 | 47.73 | 181.332 | |
| 16,800.00 | 6,840.00 | 7,000.00 | 6,998.43 | 294.49 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 8,754.45 | 8,706.68 | 47.77 | 183.271 | |
| 16,900.00 | 6,840.00 | 7,000.00 | 6,998.43 | 297.19 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 8,854.33 | 8,806.52 | 47.81 | 185.204 | |
| 17,000.00 | 6,840.00 | 7,000.00 | 6,998.43 | 299.88 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 8,954.21 | 8,906.36 | 47.85 | 187.130 | |
| 17,100.00 | 6,840.00 | 7,000.00 | 6,998.43 | 302.58 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 9,054.09 | 9,006.20 | 47.89 | 189.049 | |
| 17,200.00 | 6,840.00 | 7,000.00 | 6,998.43 | 305.28 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 9,153.98 | 9,106.05 | 47.94 | 190.961 | |
| 17,300.00 | 6,840.00 | 7,000.00 | 6,998.43 | 307.97 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 9,253.87 | 9,205.89 | 47.98 | 192.866 | |
| 17,400.00 | 6,840.00 | 7,000.00 | 6,998.43 | 310.67 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 9,353.76 | 9,305.74 | 48.03 | 194.764 | |
| 17,500.00 | 6,840.00 | 7,000.00 | 6,998.43 | 313.37 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 9,453.66 | 9,405.59 | 48.07 | 196.655 | |
| 17,600.00 | 6,840.00 | 7,000.00 | 6,998.43 | 316.07 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 9,553.56 | 9,505.44 | 48.12 | 198.539 | |
| 17,700.00 | 6,840.00 | 7,000.00 | 6,998.43 | 318.77 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 9,653.46 | 9,605.29 | 48.17 | 200.416 | |
| 17,800.00 | 6,840.00 | 7,000.00 | 6,998.43 | 321.47 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 9,753.36 | 9,705.14 | 48.22 | 202.286 | |
| 17,900.00 | 6,840.00 | 7,000.00 | 6,998.43 | 324.17 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 9,853.26 | 9,804.99 | 48.27 | 204.149 | |
| 18,000.00 | 6,840.00 | 7,000.00 | 6,998.43 | 326.87 | 2.44 | -118.28 | -1,374.56 | -2,965.24 | 9,953.16 | 9,904.85 | 48.32 | 206.005 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT CPC PLUSS 25-1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.17 | 2,529.36 | -229.04 | 2,539.79 | | | | | |
| 100.00 | 100.00 | 80.00 | 80.00 | 0.13 | 0.63 | -5.17 | 2,529.36 | -229.04 | 2,539.71 | 2,538.95 | 0.76 | 3,329.691 | | |
| 200.00 | 200.00 | 180.00 | 180.00 | 0.49 | 2.18 | -5.17 | 2,529.36 | -229.04 | 2,539.71 | 2,537.04 | 2.67 | 949.580 | | |
| 300.00 | 300.00 | 280.00 | 280.00 | 0.85 | 3.93 | -5.17 | 2,529.36 | -229.04 | 2,539.71 | 2,534.93 | 4.78 | 531.502 | | |
| 400.00 | 400.00 | 380.00 | 380.00 | 1.21 | 5.67 | -5.17 | 2,529.36 | -229.04 | 2,539.71 | 2,532.83 | 6.88 | 369.028 | | |
| 500.00 | 500.00 | 480.00 | 480.00 | 1.57 | 7.42 | -5.17 | 2,529.36 | -229.04 | 2,539.71 | 2,530.72 | 8.99 | 282.631 CC | | |
| 600.00 | 599.98 | 579.98 | 579.98 | 1.92 | 9.16 | 110.65 | 2,529.36 | -229.04 | 2,540.32 | 2,529.25 | 11.08 | 229.312 | | |
| 700.00 | 699.84 | 679.84 | 679.84 | 2.26 | 10.91 | 110.72 | 2,529.36 | -229.04 | 2,542.18 | 2,529.01 | 13.16 | 193.104 ES | | |
| 800.00 | 799.45 | 779.45 | 779.45 | 2.62 | 12.64 | 110.85 | 2,529.36 | -229.04 | 2,545.28 | 2,530.02 | 15.26 | 166.799 | | |
| 900.00 | 898.70 | 878.70 | 878.70 | 2.99 | 14.38 | 111.02 | 2,529.36 | -229.04 | 2,549.66 | 2,532.30 | 17.36 | 146.842 | | |
| 1,000.00 | 997.47 | 977.47 | 977.47 | 3.39 | 16.10 | 111.24 | 2,529.36 | -229.04 | 2,555.36 | 2,535.88 | 19.48 | 131.191 | | |
| 1,100.00 | 1,095.62 | 1,075.62 | 1,075.62 | 3.81 | 17.81 | 111.50 | 2,529.36 | -229.04 | 2,562.43 | 2,540.82 | 21.61 | 118.593 | | |
| 1,200.00 | 1,193.06 | 1,173.06 | 1,173.06 | 4.27 | 19.51 | 111.80 | 2,529.36 | -229.04 | 2,570.91 | 2,547.16 | 23.75 | 108.240 | | |
| 1,300.00 | 1,289.64 | 1,269.64 | 1,269.64 | 4.77 | 21.20 | 112.13 | 2,529.36 | -229.04 | 2,580.89 | 2,554.97 | 25.92 | 99.590 | | |
| 1,400.00 | 1,385.27 | 1,365.27 | 1,365.27 | 5.31 | 22.87 | 112.49 | 2,529.36 | -229.04 | 2,592.42 | 2,564.32 | 28.10 | 92.263 | | |
| 1,500.00 | 1,479.82 | 1,459.82 | 1,459.82 | 5.91 | 24.52 | 112.88 | 2,529.36 | -229.04 | 2,605.58 | 2,575.28 | 30.30 | 85.987 | | |
| 1,600.00 | 1,573.19 | 1,553.19 | 1,553.19 | 6.55 | 26.15 | 113.34 | 2,529.36 | -229.04 | 2,620.44 | 2,587.91 | 32.53 | 80.563 | | |
| 1,700.00 | 1,666.16 | 1,646.16 | 1,646.16 | 7.23 | 27.77 | 114.03 | 2,529.36 | -229.04 | 2,636.16 | 2,601.39 | 34.77 | 75.827 | | |
| 1,800.00 | 1,759.13 | 1,739.13 | 1,739.13 | 7.93 | 29.39 | 114.71 | 2,529.36 | -229.04 | 2,652.29 | 2,615.28 | 37.01 | 71.658 | | |
| 1,900.00 | 1,852.10 | 1,832.10 | 1,832.10 | 8.64 | 31.02 | 115.39 | 2,529.36 | -229.04 | 2,668.84 | 2,629.57 | 39.27 | 67.967 | | |
| 2,000.00 | 1,945.06 | 1,925.06 | 1,925.06 | 9.35 | 32.64 | 116.06 | 2,529.36 | -229.04 | 2,685.79 | 2,644.27 | 41.52 | 64.682 | | |
| 2,100.00 | 2,038.03 | 2,018.03 | 2,018.03 | 10.08 | 34.26 | 116.72 | 2,529.36 | -229.04 | 2,703.14 | 2,659.36 | 43.78 | 61.743 | | |
| 2,200.00 | 2,131.00 | 2,111.00 | 2,111.00 | 10.81 | 35.88 | 117.38 | 2,529.36 | -229.04 | 2,720.87 | 2,674.83 | 46.04 | 59.101 | | |
| 2,300.00 | 2,223.97 | 2,203.97 | 2,203.97 | 11.54 | 37.51 | 118.03 | 2,529.36 | -229.04 | 2,738.99 | 2,690.69 | 48.29 | 56.716 | | |
| 2,400.00 | 2,316.94 | 2,303.06 | 2,296.94 | 12.28 | 39.24 | 118.66 | 2,529.36 | -229.04 | 2,757.47 | 2,706.82 | 50.65 | 54.439 | | |
| 2,500.00 | 2,409.90 | 2,389.90 | 2,389.90 | 13.02 | 40.75 | 119.30 | 2,529.36 | -229.04 | 2,776.33 | 2,723.53 | 52.80 | 52.586 | | |
| 2,600.00 | 2,502.87 | 2,482.87 | 2,482.87 | 13.77 | 42.37 | 119.92 | 2,529.36 | -229.04 | 2,795.54 | 2,740.50 | 55.04 | 50.789 | | |
| 2,700.00 | 2,595.84 | 2,575.84 | 2,575.84 | 14.51 | 44.00 | 120.54 | 2,529.36 | -229.04 | 2,815.10 | 2,757.82 | 57.28 | 49.142 | | |
| 2,800.00 | 2,688.81 | 2,668.81 | 2,668.81 | 15.26 | 45.62 | 121.14 | 2,529.36 | -229.04 | 2,835.01 | 2,775.49 | 59.52 | 47.629 | | |
| 2,900.00 | 2,781.77 | 2,761.77 | 2,761.77 | 16.01 | 47.24 | 121.75 | 2,529.36 | -229.04 | 2,855.25 | 2,793.50 | 61.76 | 46.233 | | |
| 3,000.00 | 2,874.74 | 2,854.74 | 2,854.74 | 16.76 | 48.86 | 122.34 | 2,529.36 | -229.04 | 2,875.83 | 2,811.84 | 63.99 | 44.944 | | |
| 3,100.00 | 2,967.71 | 2,947.71 | 2,947.71 | 17.52 | 50.49 | 122.92 | 2,529.36 | -229.04 | 2,896.72 | 2,830.51 | 66.21 | 43.750 | | |
| 3,200.00 | 3,060.68 | 3,040.68 | 3,040.68 | 18.27 | 52.11 | 123.50 | 2,529.36 | -229.04 | 2,917.93 | 2,849.50 | 68.43 | 42.640 | | |
| 3,300.00 | 3,153.65 | 3,133.65 | 3,133.65 | 19.03 | 53.73 | 124.07 | 2,529.36 | -229.04 | 2,939.45 | 2,868.80 | 70.65 | 41.608 | | |
| 3,400.00 | 3,246.61 | 3,226.61 | 3,226.61 | 19.78 | 55.36 | 124.63 | 2,529.36 | -229.04 | 2,961.27 | 2,888.42 | 72.86 | 40.645 | | |
| 3,500.00 | 3,339.58 | 3,319.58 | 3,319.58 | 20.54 | 56.98 | 125.19 | 2,529.36 | -229.04 | 2,983.39 | 2,908.33 | 75.06 | 39.746 | | |
| 3,600.00 | 3,432.55 | 3,412.55 | 3,412.55 | 21.30 | 58.60 | 125.74 | 2,529.36 | -229.04 | 3,005.79 | 2,928.53 | 77.26 | 38.904 | | |
| 3,700.00 | 3,525.52 | 3,505.52 | 3,505.52 | 22.06 | 60.22 | 126.28 | 2,529.36 | -229.04 | 3,028.48 | 2,949.02 | 79.46 | 38.114 | | |
| 3,800.00 | 3,618.49 | 3,601.51 | 3,598.49 | 22.82 | 61.90 | 126.81 | 2,529.36 | -229.04 | 3,051.44 | 2,969.74 | 81.70 | 37.349 | | |
| 3,900.00 | 3,711.45 | 3,708.55 | 3,691.45 | 23.57 | 63.77 | 127.34 | 2,529.36 | -229.04 | 3,074.68 | 2,990.54 | 84.13 | 36.546 | | |
| 4,000.00 | 3,804.42 | 3,784.42 | 3,784.42 | 24.33 | 65.09 | 127.85 | 2,529.36 | -229.04 | 3,098.17 | 3,012.16 | 86.02 | 36.019 | | |
| 4,100.00 | 3,897.39 | 3,877.39 | 3,877.39 | 25.09 | 66.71 | 128.37 | 2,529.36 | -229.04 | 3,121.93 | 3,033.74 | 88.19 | 35.399 | | |
| 4,200.00 | 3,990.36 | 3,970.36 | 3,970.36 | 25.86 | 68.34 | 128.87 | 2,529.36 | -229.04 | 3,145.94 | 3,055.57 | 90.36 | 34.814 | | |
| 4,300.00 | 4,083.32 | 4,063.32 | 4,063.32 | 26.62 | 69.96 | 129.37 | 2,529.36 | -229.04 | 3,170.19 | 3,077.66 | 92.53 | 34.261 | | |
| 4,400.00 | 4,176.29 | 4,156.29 | 4,156.29 | 27.38 | 71.58 | 129.86 | 2,529.36 | -229.04 | 3,194.68 | 3,099.99 | 94.69 | 33.737 | | |
| 4,500.00 | 4,269.26 | 4,249.26 | 4,249.26 | 28.14 | 73.20 | 130.34 | 2,529.36 | -229.04 | 3,219.41 | 3,122.56 | 96.85 | 33.241 | | |
| 4,600.00 | 4,362.23 | 4,342.23 | 4,342.23 | 28.90 | 74.83 | 130.82 | 2,529.36 | -229.04 | 3,244.37 | 3,145.36 | 99.00 | 32.770 | | |
| 4,700.00 | 4,455.20 | 4,435.20 | 4,435.20 | 29.66 | 76.45 | 131.28 | 2,529.36 | -229.04 | 3,269.55 | 3,168.40 | 101.15 | 32.322 | | |
| 4,800.00 | 4,548.16 | 4,528.16 | 4,528.16 | 30.43 | 78.07 | 131.75 | 2,529.36 | -229.04 | 3,294.96 | 3,191.66 | 103.30 | 31.897 | | |
| 4,900.00 | 4,641.13 | 4,621.13 | 4,621.13 | 31.19 | 79.69 | 132.20 | 2,529.36 | -229.04 | 3,320.57 | 3,215.13 | 105.44 | 31.492 | | |
| 5,000.00 | 4,734.10 | 4,714.10 | 4,714.10 | 31.95 | 81.32 | 132.65 | 2,529.36 | -229.04 | 3,346.40 | 3,238.82 | 107.58 | 31.106 | | |
| 5,100.00 | 4,827.07 | 4,807.07 | 4,807.07 | 32.71 | 82.94 | 133.10 | 2,529.36 | -229.04 | 3,372.43 | 3,262.72 | 109.71 | 30.739 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT CPC PLUSS 25-1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,900.04 | 4,900.04 | 33.48 | 84.56 | 133.53 | 2,529.36 | -229.04 | 3,398.66 | 3,286.82 | 111.84 | 30.388 | | |
| 5,300.00 | 5,013.00 | 5,007.00 | 4,993.00 | 34.24 | 86.43 | 133.96 | 2,529.36 | -229.04 | 3,425.09 | 3,310.87 | 114.21 | 29.989 | | |
| 5,400.00 | 5,105.97 | 5,085.97 | 5,085.97 | 35.00 | 87.81 | 134.39 | 2,529.36 | -229.04 | 3,451.70 | 3,335.61 | 116.09 | 29.733 | | |
| 5,500.00 | 5,198.94 | 5,178.94 | 5,178.94 | 35.77 | 89.43 | 134.81 | 2,529.36 | -229.04 | 3,478.51 | 3,360.30 | 118.21 | 29.426 | | |
| 5,600.00 | 5,291.91 | 5,271.91 | 5,271.91 | 36.53 | 91.05 | 135.22 | 2,529.36 | -229.04 | 3,505.49 | 3,385.17 | 120.33 | 29.133 | | |
| 5,700.00 | 5,384.87 | 5,364.87 | 5,364.87 | 37.29 | 92.67 | 135.63 | 2,529.36 | -229.04 | 3,532.66 | 3,410.22 | 122.44 | 28.853 | | |
| 5,800.00 | 5,477.84 | 5,457.84 | 5,457.84 | 38.06 | 94.30 | 136.03 | 2,529.36 | -229.04 | 3,559.99 | 3,435.45 | 124.55 | 28.583 | | |
| 5,900.00 | 5,570.81 | 5,550.81 | 5,550.81 | 38.82 | 95.92 | 136.42 | 2,529.36 | -229.04 | 3,587.50 | 3,460.85 | 126.65 | 28.325 | | |
| 6,000.00 | 5,663.78 | 5,643.78 | 5,643.78 | 39.59 | 97.54 | 136.81 | 2,529.36 | -229.04 | 3,615.17 | 3,486.42 | 128.76 | 28.078 | | |
| 6,100.00 | 5,756.75 | 5,736.75 | 5,736.75 | 40.35 | 99.17 | 137.20 | 2,529.36 | -229.04 | 3,643.01 | 3,512.15 | 130.86 | 27.840 | | |
| 6,200.00 | 5,849.71 | 5,829.71 | 5,829.71 | 41.12 | 100.79 | 137.57 | 2,529.36 | -229.04 | 3,671.00 | 3,538.05 | 132.95 | 27.611 | | |
| 6,300.00 | 5,942.68 | 5,922.68 | 5,922.68 | 41.88 | 102.41 | 137.95 | 2,529.36 | -229.04 | 3,699.15 | 3,564.11 | 135.05 | 27.392 | | |
| 6,400.00 | 6,035.65 | 6,015.65 | 6,015.65 | 42.64 | 104.03 | 138.32 | 2,529.36 | -229.04 | 3,727.45 | 3,590.31 | 137.14 | 27.180 | | |
| 6,500.00 | 6,128.62 | 6,108.62 | 6,108.62 | 43.41 | 105.66 | 138.68 | 2,529.36 | -229.04 | 3,755.90 | 3,616.67 | 139.23 | 26.977 | | |
| 6,600.00 | 6,221.59 | 6,201.59 | 6,201.59 | 44.17 | 107.28 | 139.04 | 2,529.36 | -229.04 | 3,784.50 | 3,643.18 | 141.31 | 26.781 | | |
| 6,700.00 | 6,314.55 | 6,305.45 | 6,294.55 | 44.94 | 109.09 | 139.39 | 2,529.36 | -229.04 | 3,813.23 | 3,669.64 | 143.59 | 26.557 | | |
| 6,800.00 | 6,407.52 | 6,387.52 | 6,387.52 | 45.70 | 110.52 | 139.73 | 2,529.36 | -229.04 | 3,842.10 | 3,696.62 | 145.48 | 26.410 | | |
| 6,900.00 | 6,499.98 | 6,479.98 | 6,479.98 | 46.49 | 112.14 | 134.78 | 2,529.36 | -229.04 | 3,871.64 | 3,724.07 | 147.56 | 26.237 | | |
| 7,000.00 | 6,586.50 | 6,566.50 | 6,566.50 | 47.49 | 113.65 | 125.71 | 2,529.36 | -229.04 | 3,906.23 | 3,756.58 | 149.65 | 26.102 | | |
| 7,100.00 | 6,663.58 | 6,643.58 | 6,643.58 | 48.75 | 114.99 | 118.84 | 2,529.36 | -229.04 | 3,946.34 | 3,794.63 | 151.70 | 26.014 | | |
| 7,200.00 | 6,728.87 | 6,708.87 | 6,708.87 | 50.23 | 116.13 | 112.68 | 2,529.36 | -229.04 | 3,991.19 | 3,837.54 | 153.65 | 25.976 SF | | |
| 7,300.00 | 6,780.38 | 6,760.38 | 6,760.38 | 51.91 | 117.03 | 106.61 | 2,529.36 | -229.04 | 4,039.92 | 3,884.48 | 155.44 | 25.990 | | |
| 7,400.00 | 6,816.56 | 6,803.44 | 6,796.56 | 53.74 | 117.78 | 100.42 | 2,529.36 | -229.04 | 4,091.47 | 3,934.33 | 157.14 | 26.038 | | |
| 7,500.00 | 6,836.29 | 6,816.29 | 6,816.29 | 55.65 | 118.01 | 94.12 | 2,529.36 | -229.04 | 4,144.61 | 3,986.29 | 158.32 | 26.179 | | |
| 7,600.00 | 6,840.00 | 6,820.00 | 6,820.00 | 57.58 | 118.07 | 90.00 | 2,529.36 | -229.04 | 4,198.10 | 4,038.78 | 159.32 | 26.350 | | |
| 7,700.00 | 6,840.00 | 6,820.00 | 6,820.00 | 59.56 | 118.07 | 90.00 | 2,529.36 | -229.04 | 4,252.80 | 4,092.54 | 160.26 | 26.536 | | |
| 7,800.00 | 6,840.00 | 6,820.00 | 6,820.00 | 61.60 | 118.07 | 90.00 | 2,529.36 | -229.04 | 4,309.13 | 4,147.92 | 161.21 | 26.730 | | |
| 7,900.00 | 6,840.00 | 6,820.00 | 6,820.00 | 63.69 | 118.07 | 90.00 | 2,529.36 | -229.04 | 4,367.02 | 4,204.86 | 162.16 | 26.931 | | |
| 8,000.00 | 6,840.00 | 6,820.00 | 6,820.00 | 65.82 | 118.07 | 90.00 | 2,529.36 | -229.04 | 4,426.41 | 4,263.31 | 163.10 | 27.139 | | |
| 8,100.00 | 6,840.00 | 6,820.00 | 6,820.00 | 67.99 | 118.07 | 90.00 | 2,529.36 | -229.04 | 4,487.25 | 4,323.21 | 164.04 | 27.355 | | |
| 8,200.00 | 6,840.00 | 6,820.00 | 6,820.00 | 70.21 | 118.07 | 90.00 | 2,529.36 | -229.04 | 4,549.47 | 4,384.50 | 164.97 | 27.578 | | |
| 8,300.00 | 6,840.00 | 6,820.00 | 6,820.00 | 72.45 | 118.07 | 90.00 | 2,529.36 | -229.04 | 4,613.02 | 4,447.14 | 165.88 | 27.809 | | |
| 8,400.00 | 6,840.00 | 6,820.00 | 6,820.00 | 74.73 | 118.07 | 90.00 | 2,529.36 | -229.04 | 4,677.84 | 4,511.06 | 166.78 | 28.048 | | |
| 8,500.00 | 6,840.00 | 6,820.00 | 6,820.00 | 77.04 | 118.07 | 90.00 | 2,529.36 | -229.04 | 4,743.89 | 4,576.22 | 167.66 | 28.294 | | |
| 8,600.00 | 6,840.00 | 6,820.00 | 6,820.00 | 79.38 | 118.07 | 90.00 | 2,529.36 | -229.04 | 4,811.10 | 4,642.58 | 168.53 | 28.548 | | |
| 8,700.00 | 6,840.00 | 6,820.00 | 6,820.00 | 81.74 | 118.07 | 90.00 | 2,529.36 | -229.04 | 4,879.45 | 4,710.07 | 169.37 | 28.809 | | |
| 8,800.00 | 6,840.00 | 6,820.00 | 6,820.00 | 84.12 | 118.07 | 90.00 | 2,529.36 | -229.04 | 4,948.86 | 4,778.66 | 170.20 | 29.077 | | |
| 8,900.00 | 6,840.00 | 6,820.00 | 6,820.00 | 86.52 | 118.07 | 90.00 | 2,529.36 | -229.04 | 5,019.31 | 4,848.31 | 171.01 | 29.352 | | |
| 9,000.00 | 6,840.00 | 6,820.00 | 6,820.00 | 88.94 | 118.07 | 90.00 | 2,529.36 | -229.04 | 5,090.75 | 4,918.96 | 171.79 | 29.633 | | |
| 9,100.00 | 6,840.00 | 6,820.00 | 6,820.00 | 91.38 | 118.07 | 90.00 | 2,529.36 | -229.04 | 5,163.14 | 4,990.58 | 172.56 | 29.921 | | |
| 9,200.00 | 6,840.00 | 6,820.00 | 6,820.00 | 93.83 | 118.07 | 90.00 | 2,529.36 | -229.04 | 5,236.44 | 5,063.14 | 173.31 | 30.215 | | |
| 9,300.00 | 6,840.00 | 6,820.00 | 6,820.00 | 96.30 | 118.07 | 90.00 | 2,529.36 | -229.04 | 5,310.61 | 5,136.58 | 174.03 | 30.515 | | |
| 9,400.00 | 6,840.00 | 6,820.00 | 6,820.00 | 98.79 | 118.07 | 90.00 | 2,529.36 | -229.04 | 5,385.62 | 5,210.88 | 174.74 | 30.821 | | |
| 9,500.00 | 6,840.00 | 6,820.00 | 6,820.00 | 101.28 | 118.07 | 90.00 | 2,529.36 | -229.04 | 5,461.42 | 5,286.00 | 175.42 | 31.133 | | |
| 9,600.00 | 6,840.00 | 6,820.00 | 6,820.00 | 103.79 | 118.07 | 90.00 | 2,529.36 | -229.04 | 5,538.00 | 5,361.90 | 176.09 | 31.450 | | |
| 9,700.00 | 6,840.00 | 6,820.00 | 6,820.00 | 106.30 | 118.07 | 90.00 | 2,529.36 | -229.04 | 5,615.31 | 5,438.57 | 176.74 | 31.772 | | |
| 9,800.00 | 6,840.00 | 6,820.00 | 6,820.00 | 108.83 | 118.07 | 90.00 | 2,529.36 | -229.04 | 5,693.32 | 5,515.95 | 177.37 | 32.099 | | |
| 9,900.00 | 6,840.00 | 6,820.00 | 6,820.00 | 111.37 | 118.07 | 90.00 | 2,529.36 | -229.04 | 5,772.02 | 5,594.04 | 177.98 | 32.431 | | |
| 10,000.00 | 6,840.00 | 6,820.00 | 6,820.00 | 113.91 | 118.07 | 90.00 | 2,529.36 | -229.04 | 5,851.36 | 5,672.79 | 178.57 | 32.767 | | |
| 10,100.00 | 6,840.00 | 6,820.00 | 6,820.00 | 116.47 | 118.07 | 90.00 | 2,529.36 | -229.04 | 5,931.33 | 5,752.19 | 179.15 | 33.108 | | |
| 10,200.00 | 6,840.00 | 6,820.00 | 6,820.00 | 119.03 | 118.07 | 90.00 | 2,529.36 | -229.04 | 6,011.90 | 5,832.20 | 179.71 | 33.454 | | |
| 10,300.00 | 6,840.00 | 6,820.00 | 6,820.00 | 121.59 | 118.07 | 90.00 | 2,529.36 | -229.04 | 6,093.05 | 5,912.80 | 180.25 | 33.803 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT CPC PLUSS 25-1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 6,820.00 | 6,820.00 | 124.17 | 118.07 | 90.00 | 2,529.36 | -229.04 | 6,174.75 | 5,993.97 | 180.78 | 34.157 | | |
| 10,500.00 | 6,840.00 | 6,820.00 | 6,820.00 | 126.75 | 118.07 | 90.00 | 2,529.36 | -229.04 | 6,256.98 | 6,075.69 | 181.29 | 34.514 | | |
| 10,600.00 | 6,840.00 | 6,820.00 | 6,820.00 | 129.34 | 118.07 | 90.00 | 2,529.36 | -229.04 | 6,339.72 | 6,157.93 | 181.79 | 34.874 | | |
| 10,700.00 | 6,840.00 | 6,820.00 | 6,820.00 | 131.93 | 118.07 | 90.00 | 2,529.36 | -229.04 | 6,422.95 | 6,240.68 | 182.27 | 35.239 | | |
| 10,800.00 | 6,840.00 | 6,820.00 | 6,820.00 | 134.53 | 118.07 | 90.00 | 2,529.36 | -229.04 | 6,506.66 | 6,323.92 | 182.74 | 35.606 | | |
| 10,900.00 | 6,840.00 | 6,820.00 | 6,820.00 | 137.13 | 118.07 | 90.00 | 2,529.36 | -229.04 | 6,590.82 | 6,407.62 | 183.20 | 35.977 | | |
| 11,000.00 | 6,840.00 | 6,820.00 | 6,820.00 | 139.73 | 118.07 | 90.00 | 2,529.36 | -229.04 | 6,675.41 | 6,491.77 | 183.64 | 36.351 | | |
| 11,100.00 | 6,840.00 | 6,820.00 | 6,820.00 | 142.35 | 118.07 | 90.00 | 2,529.36 | -229.04 | 6,760.43 | 6,576.36 | 184.07 | 36.728 | | |
| 11,200.00 | 6,840.00 | 6,820.00 | 6,820.00 | 144.96 | 118.07 | 90.00 | 2,529.36 | -229.04 | 6,845.85 | 6,661.36 | 184.49 | 37.107 | | |
| 11,300.00 | 6,840.00 | 6,820.00 | 6,820.00 | 147.58 | 118.07 | 90.00 | 2,529.36 | -229.04 | 6,931.66 | 6,746.77 | 184.89 | 37.490 | | |
| 11,400.00 | 6,840.00 | 6,820.00 | 6,820.00 | 150.20 | 118.07 | 90.00 | 2,529.36 | -229.04 | 7,017.85 | 6,832.56 | 185.29 | 37.875 | | |
| 11,500.00 | 6,840.00 | 6,820.00 | 6,820.00 | 152.83 | 118.07 | 90.00 | 2,529.36 | -229.04 | 7,104.40 | 6,918.72 | 185.68 | 38.262 | | |
| 11,600.00 | 6,840.00 | 6,820.00 | 6,820.00 | 155.46 | 118.07 | 90.00 | 2,529.36 | -229.04 | 7,191.30 | 7,005.25 | 186.05 | 38.652 | | |
| 11,700.00 | 6,840.00 | 6,820.00 | 6,820.00 | 158.09 | 118.07 | 90.00 | 2,529.36 | -229.04 | 7,278.53 | 7,092.12 | 186.41 | 39.045 | | |
| 11,800.00 | 6,840.00 | 6,820.00 | 6,820.00 | 160.73 | 118.07 | 90.00 | 2,529.36 | -229.04 | 7,366.09 | 7,179.32 | 186.77 | 39.439 | | |
| 11,900.00 | 6,840.00 | 6,820.00 | 6,820.00 | 163.36 | 118.07 | 90.00 | 2,529.36 | -229.04 | 7,453.96 | 7,266.85 | 187.12 | 39.836 | | |
| 12,000.00 | 6,840.00 | 6,820.00 | 6,820.00 | 166.01 | 118.07 | 90.00 | 2,529.36 | -229.04 | 7,542.14 | 7,354.68 | 187.45 | 40.235 | | |
| 12,100.00 | 6,840.00 | 6,820.00 | 6,820.00 | 168.65 | 118.07 | 90.00 | 2,529.36 | -229.04 | 7,630.60 | 7,442.82 | 187.78 | 40.636 | | |
| 12,200.00 | 6,840.00 | 6,820.00 | 6,820.00 | 171.30 | 118.07 | 90.00 | 2,529.36 | -229.04 | 7,719.35 | 7,531.25 | 188.10 | 41.038 | | |
| 12,300.00 | 6,840.00 | 6,820.00 | 6,820.00 | 173.94 | 118.07 | 90.00 | 2,529.36 | -229.04 | 7,808.37 | 7,619.96 | 188.41 | 41.443 | | |
| 12,400.00 | 6,840.00 | 6,820.00 | 6,820.00 | 176.59 | 118.07 | 90.00 | 2,529.36 | -229.04 | 7,897.65 | 7,708.93 | 188.72 | 41.849 | | |
| 12,500.00 | 6,840.00 | 6,820.00 | 6,820.00 | 179.25 | 118.07 | 90.00 | 2,529.36 | -229.04 | 7,987.19 | 7,798.17 | 189.01 | 42.257 | | |
| 12,600.00 | 6,840.00 | 6,820.00 | 6,820.00 | 181.90 | 118.07 | 90.00 | 2,529.36 | -229.04 | 8,076.97 | 7,887.67 | 189.30 | 42.667 | | |
| 12,700.00 | 6,840.00 | 6,820.00 | 6,820.00 | 184.56 | 118.07 | 90.00 | 2,529.36 | -229.04 | 8,166.99 | 7,977.40 | 189.59 | 43.078 | | |
| 12,800.00 | 6,840.00 | 6,820.00 | 6,820.00 | 187.22 | 118.07 | 90.00 | 2,529.36 | -229.04 | 8,257.24 | 8,067.37 | 189.86 | 43.491 | | |
| 12,900.00 | 6,840.00 | 6,820.00 | 6,820.00 | 189.88 | 118.07 | 90.00 | 2,529.36 | -229.04 | 8,347.71 | 8,157.58 | 190.13 | 43.905 | | |
| 13,000.00 | 6,840.00 | 6,820.00 | 6,820.00 | 192.54 | 118.07 | 90.00 | 2,529.36 | -229.04 | 8,438.39 | 8,248.00 | 190.39 | 44.321 | | |
| 13,100.00 | 6,840.00 | 6,820.00 | 6,820.00 | 195.20 | 118.07 | 90.00 | 2,529.36 | -229.04 | 8,529.29 | 8,338.64 | 190.65 | 44.738 | | |
| 13,200.00 | 6,840.00 | 6,820.00 | 6,820.00 | 197.87 | 118.07 | 90.00 | 2,529.36 | -229.04 | 8,620.38 | 8,429.48 | 190.90 | 45.156 | | |
| 13,300.00 | 6,840.00 | 6,820.00 | 6,820.00 | 200.53 | 118.07 | 90.00 | 2,529.36 | -229.04 | 8,711.68 | 8,520.53 | 191.15 | 45.575 | | |
| 13,400.00 | 6,840.00 | 6,820.00 | 6,820.00 | 203.20 | 118.07 | 90.00 | 2,529.36 | -229.04 | 8,803.16 | 8,611.77 | 191.39 | 45.996 | | |
| 13,500.00 | 6,840.00 | 6,820.00 | 6,820.00 | 205.87 | 118.07 | 90.00 | 2,529.36 | -229.04 | 8,894.82 | 8,703.20 | 191.62 | 46.418 | | |
| 13,600.00 | 6,840.00 | 6,820.00 | 6,820.00 | 208.54 | 118.07 | 90.00 | 2,529.36 | -229.04 | 8,986.66 | 8,794.81 | 191.86 | 46.841 | | |
| 13,700.00 | 6,840.00 | 6,820.00 | 6,820.00 | 211.22 | 118.07 | 90.00 | 2,529.36 | -229.04 | 9,078.68 | 8,886.60 | 192.08 | 47.265 | | |
| 13,800.00 | 6,840.00 | 6,820.00 | 6,820.00 | 213.89 | 118.07 | 90.00 | 2,529.36 | -229.04 | 9,170.86 | 8,978.56 | 192.30 | 47.690 | | |
| 13,900.00 | 6,840.00 | 6,820.00 | 6,820.00 | 216.56 | 118.07 | 90.00 | 2,529.36 | -229.04 | 9,263.20 | 9,070.68 | 192.52 | 48.116 | | |
| 14,000.00 | 6,840.00 | 6,820.00 | 6,820.00 | 219.24 | 118.07 | 90.00 | 2,529.36 | -229.04 | 9,355.70 | 9,162.97 | 192.73 | 48.543 | | |
| 14,100.00 | 6,840.00 | 6,820.00 | 6,820.00 | 221.92 | 118.07 | 90.00 | 2,529.36 | -229.04 | 9,448.36 | 9,255.42 | 192.94 | 48.971 | | |
| 14,200.00 | 6,840.00 | 6,820.00 | 6,820.00 | 224.59 | 118.07 | 90.00 | 2,529.36 | -229.04 | 9,541.16 | 9,348.02 | 193.14 | 49.400 | | |
| 14,300.00 | 6,840.00 | 6,820.00 | 6,820.00 | 227.27 | 118.07 | 90.00 | 2,529.36 | -229.04 | 9,634.10 | 9,440.76 | 193.34 | 49.830 | | |
| 14,400.00 | 6,840.00 | 6,820.00 | 6,820.00 | 229.95 | 118.07 | 90.00 | 2,529.36 | -229.04 | 9,727.19 | 9,533.65 | 193.54 | 50.260 | | |
| 14,500.00 | 6,840.00 | 6,820.00 | 6,820.00 | 232.63 | 118.07 | 90.00 | 2,529.36 | -229.04 | 9,820.41 | 9,626.68 | 193.73 | 50.692 | | |
| 14,600.00 | 6,840.00 | 6,820.00 | 6,820.00 | 235.31 | 118.07 | 90.00 | 2,529.36 | -229.04 | 9,913.77 | 9,719.85 | 193.92 | 51.124 | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT FLIPPIN 25BU GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -104.51 | -894.86 | -3,457.31 | 3,571.60 | | | | | |
| 100.00 | 100.00 | 50.85 | 50.85 | 0.13 | 0.05 | -104.51 | -894.99 | -3,457.26 | 3,571.23 | 3,571.05 | 0.18 | N/A | | |
| 200.00 | 200.00 | 177.65 | 177.65 | 0.49 | 0.20 | -104.53 | -896.07 | -3,456.58 | 3,570.95 | 3,570.27 | 0.69 | 5,200.297 | | |
| 300.00 | 300.00 | 283.38 | 283.36 | 0.85 | 0.30 | -104.55 | -897.10 | -3,455.26 | 3,569.98 | 3,568.84 | 1.14 | 3,120.333 | | |
| 400.00 | 400.00 | 377.82 | 377.78 | 1.21 | 0.37 | -104.58 | -898.22 | -3,454.09 | 3,569.09 | 3,567.52 | 1.57 | 2,275.513 | | |
| 500.00 | 500.00 | 462.84 | 462.80 | 1.57 | 0.43 | -104.60 | -899.32 | -3,453.25 | 3,568.46 | 3,566.49 | 1.98 | 1,806.102 | | |
| 600.00 | 599.98 | 534.72 | 534.66 | 1.92 | 0.47 | 11.19 | -900.54 | -3,452.87 | 3,566.69 | 3,564.34 | 2.36 | 1,512.650 | | |
| 700.00 | 699.84 | 600.00 | 599.93 | 2.26 | 0.50 | 11.19 | -902.02 | -3,453.12 | 3,562.47 | 3,559.75 | 2.73 | 1,305.545 | | |
| 800.00 | 799.45 | 679.92 | 679.81 | 2.62 | 0.54 | 11.21 | -904.28 | -3,453.93 | 3,555.61 | 3,552.50 | 3.11 | 1,142.271 | | |
| 900.00 | 898.70 | 779.96 | 779.79 | 2.99 | 0.59 | 11.24 | -907.57 | -3,455.12 | 3,545.62 | 3,542.11 | 3.51 | 1,010.459 | | |
| 1,000.00 | 997.47 | 884.88 | 884.64 | 3.39 | 0.64 | 11.30 | -911.11 | -3,456.18 | 3,532.09 | 3,528.18 | 3.91 | 903.299 | | |
| 1,100.00 | 1,095.62 | 985.82 | 985.53 | 3.81 | 0.68 | 11.38 | -914.31 | -3,457.13 | 3,515.05 | 3,510.74 | 4.31 | 815.045 | | |
| 1,200.00 | 1,193.06 | 1,082.79 | 1,082.45 | 4.27 | 0.72 | 11.49 | -917.07 | -3,458.10 | 3,494.63 | 3,489.91 | 4.72 | 740.807 | | |
| 1,300.00 | 1,289.64 | 1,178.78 | 1,178.40 | 4.77 | 0.76 | 11.64 | -919.60 | -3,459.15 | 3,470.91 | 3,465.79 | 5.13 | 677.095 | | |
| 1,400.00 | 1,385.27 | 1,272.29 | 1,271.88 | 5.31 | 0.80 | 11.82 | -921.87 | -3,460.27 | 3,443.94 | 3,438.40 | 5.54 | 621.690 | | |
| 1,500.00 | 1,479.82 | 1,359.16 | 1,358.72 | 5.91 | 0.84 | 12.02 | -923.77 | -3,461.49 | 3,413.83 | 3,407.87 | 5.96 | 573.083 | | |
| 1,600.00 | 1,573.19 | 1,447.24 | 1,446.77 | 6.55 | 0.87 | 12.23 | -925.66 | -3,462.98 | 3,380.81 | 3,374.42 | 6.39 | 529.420 | | |
| 1,700.00 | 1,666.16 | 1,541.98 | 1,541.47 | 7.23 | 0.90 | 12.34 | -927.73 | -3,464.65 | 3,346.81 | 3,340.00 | 6.81 | 491.475 | | |
| 1,800.00 | 1,759.13 | 1,643.33 | 1,642.79 | 7.93 | 0.94 | 12.46 | -929.72 | -3,466.35 | 3,312.70 | 3,305.46 | 7.24 | 457.505 | | |
| 1,900.00 | 1,852.10 | 1,745.35 | 1,744.78 | 8.64 | 0.98 | 12.59 | -931.27 | -3,467.88 | 3,278.33 | 3,270.65 | 7.68 | 427.043 | | |
| 2,000.00 | 1,945.06 | 1,848.68 | 1,848.10 | 9.35 | 1.01 | 12.73 | -932.30 | -3,469.34 | 3,243.78 | 3,235.67 | 8.12 | 399.636 | | |
| 2,100.00 | 2,038.03 | 1,963.38 | 1,962.79 | 10.08 | 1.04 | 12.91 | -932.43 | -3,470.62 | 3,208.80 | 3,200.24 | 8.56 | 375.043 | | |
| 2,200.00 | 2,131.00 | 2,083.97 | 2,083.37 | 10.81 | 1.05 | 13.13 | -931.20 | -3,471.33 | 3,173.10 | 3,164.11 | 8.99 | 352.924 | | |
| 2,300.00 | 2,223.97 | 2,182.73 | 2,182.11 | 11.54 | 1.06 | 13.32 | -929.55 | -3,471.48 | 3,136.88 | 3,127.45 | 9.43 | 332.646 | | |
| 2,400.00 | 2,316.94 | 2,292.44 | 2,291.81 | 12.28 | 1.06 | 13.54 | -927.71 | -3,471.32 | 3,100.43 | 3,090.56 | 9.87 | 314.241 | | |
| 2,500.00 | 2,409.90 | 2,404.97 | 2,404.32 | 13.02 | 1.07 | 13.78 | -925.62 | -3,470.47 | 3,063.42 | 3,053.11 | 10.30 | 297.391 | | |
| 2,600.00 | 2,502.87 | 2,509.06 | 2,508.38 | 13.77 | 1.08 | 13.99 | -923.76 | -3,469.12 | 3,025.96 | 3,015.22 | 10.74 | 281.778 | | |
| 2,700.00 | 2,595.84 | 2,596.77 | 2,596.08 | 14.51 | 1.09 | 14.17 | -922.73 | -3,467.76 | 2,988.43 | 2,977.24 | 11.19 | 267.154 | | |
| 2,800.00 | 2,688.81 | 2,688.00 | 2,687.29 | 15.26 | 1.10 | 14.35 | -922.07 | -3,466.33 | 2,951.00 | 2,939.36 | 11.64 | 253.624 | | |
| 2,900.00 | 2,781.77 | 2,768.44 | 2,767.72 | 16.01 | 1.12 | 14.51 | -921.66 | -3,465.18 | 2,913.77 | 2,901.68 | 12.10 | 240.906 | | |
| 3,000.00 | 2,874.74 | 2,853.82 | 2,853.09 | 16.76 | 1.13 | 14.68 | -921.46 | -3,464.27 | 2,876.94 | 2,864.38 | 12.56 | 229.137 | | |
| 3,100.00 | 2,967.71 | 2,946.48 | 2,945.75 | 17.52 | 1.15 | 14.86 | -921.39 | -3,463.34 | 2,840.23 | 2,827.21 | 13.01 | 218.230 | | |
| 3,200.00 | 3,060.68 | 3,045.14 | 3,044.40 | 18.27 | 1.17 | 15.06 | -921.45 | -3,462.21 | 2,803.45 | 2,789.97 | 13.47 | 208.099 | | |
| 3,300.00 | 3,153.65 | 3,143.15 | 3,142.41 | 19.03 | 1.19 | 15.25 | -921.82 | -3,460.76 | 2,766.44 | 2,752.50 | 13.93 | 198.585 | | |
| 3,400.00 | 3,246.61 | 3,245.66 | 3,244.90 | 19.78 | 1.21 | 15.48 | -921.67 | -3,459.19 | 2,729.32 | 2,714.94 | 14.39 | 189.694 | | |
| 3,500.00 | 3,339.58 | 3,380.18 | 3,379.37 | 20.54 | 1.23 | 15.81 | -919.65 | -3,456.19 | 2,691.40 | 2,676.58 | 14.82 | 181.645 | | |
| 3,600.00 | 3,432.55 | 3,454.02 | 3,453.17 | 21.30 | 1.24 | 16.01 | -918.28 | -3,454.00 | 2,652.78 | 2,637.47 | 15.31 | 173.264 | | |
| 3,700.00 | 3,525.52 | 3,500.00 | 3,499.13 | 22.06 | 1.25 | 16.13 | -917.50 | -3,453.08 | 2,615.28 | 2,599.43 | 15.84 | 165.085 | | |
| 3,800.00 | 3,618.49 | 3,566.48 | 3,565.60 | 22.82 | 1.25 | 16.32 | -916.40 | -3,452.67 | 2,579.00 | 2,562.65 | 16.35 | 157.729 | | |
| 3,900.00 | 3,711.45 | 3,625.17 | 3,624.28 | 23.57 | 1.26 | 16.49 | -915.47 | -3,453.36 | 2,544.23 | 2,527.36 | 16.88 | 150.756 | | |
| 4,000.00 | 3,804.42 | 3,694.04 | 3,693.12 | 24.33 | 1.26 | 16.68 | -914.82 | -3,454.81 | 2,510.53 | 2,493.14 | 17.40 | 144.318 | | |
| 4,100.00 | 3,897.39 | 3,773.84 | 3,772.90 | 25.09 | 1.27 | 16.90 | -914.76 | -3,457.01 | 2,477.62 | 2,459.71 | 17.91 | 138.369 | | |
| 4,200.00 | 3,990.36 | 3,863.78 | 3,862.79 | 25.86 | 1.29 | 17.13 | -915.39 | -3,459.74 | 2,445.13 | 2,426.72 | 18.41 | 132.840 | | |
| 4,300.00 | 4,083.32 | 3,961.04 | 3,960.01 | 26.62 | 1.30 | 17.39 | -916.10 | -3,462.67 | 2,412.66 | 2,393.76 | 18.90 | 127.645 | | |
| 4,400.00 | 4,176.29 | 4,061.90 | 4,060.82 | 27.38 | 1.32 | 17.68 | -916.63 | -3,465.51 | 2,380.03 | 2,360.64 | 19.40 | 122.712 | | |
| 4,500.00 | 4,269.26 | 4,165.72 | 4,164.61 | 28.14 | 1.34 | 17.98 | -916.97 | -3,468.10 | 2,347.12 | 2,327.23 | 19.89 | 118.018 | | |
| 4,600.00 | 4,362.23 | 4,262.82 | 4,261.69 | 28.90 | 1.35 | 18.28 | -917.02 | -3,470.22 | 2,313.92 | 2,293.52 | 20.40 | 113.451 | | |
| 4,700.00 | 4,455.20 | 4,359.20 | 4,358.05 | 29.66 | 1.37 | 18.59 | -916.82 | -3,472.30 | 2,280.73 | 2,259.82 | 20.91 | 109.074 | | |
| 4,800.00 | 4,548.16 | 4,452.71 | 4,451.54 | 30.43 | 1.39 | 18.91 | -916.27 | -3,474.25 | 2,247.47 | 2,226.04 | 21.43 | 104.851 | | |
| 4,900.00 | 4,641.13 | 4,544.04 | 4,542.84 | 31.19 | 1.40 | 19.24 | -915.34 | -3,476.31 | 2,214.39 | 2,192.42 | 21.97 | 100.788 | | |
| 5,000.00 | 4,734.10 | 4,631.91 | 4,630.67 | 31.95 | 1.42 | 19.58 | -913.85 | -3,478.46 | 2,181.47 | 2,158.95 | 22.52 | 96.862 | | |
| 5,100.00 | 4,827.07 | 4,713.85 | 4,712.53 | 32.71 | 1.43 | 19.94 | -911.43 | -3,480.99 | 2,149.10 | 2,126.00 | 23.10 | 93.053 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT FLIPPIN 25BU GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|---------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,804.02 | 4,802.56 | 33.48 | 1.44 | 20.38 | -907.64 | -3,484.23 | 2,117.16 | 2,093.49 | 23.67 | 89.452 | | |
| 5,300.00 | 5,013.00 | 4,932.90 | 4,931.26 | 34.24 | 1.46 | 21.04 | -901.87 | -3,487.82 | 2,084.56 | 2,060.39 | 24.18 | 86.222 | | |
| 5,400.00 | 5,105.97 | 5,044.20 | 5,042.49 | 35.00 | 1.48 | 21.59 | -898.19 | -3,489.22 | 2,050.79 | 2,026.07 | 24.71 | 82.983 | | |
| 5,500.00 | 5,198.94 | 5,141.65 | 5,139.90 | 35.77 | 1.50 | 22.07 | -895.54 | -3,489.96 | 2,016.74 | 1,991.46 | 25.28 | 79.770 | | |
| 5,600.00 | 5,291.91 | 5,237.81 | 5,236.04 | 36.53 | 1.51 | 22.54 | -893.65 | -3,490.42 | 1,982.61 | 1,956.75 | 25.86 | 76.676 | | |
| 5,700.00 | 5,384.87 | 5,332.50 | 5,330.72 | 37.29 | 1.53 | 23.00 | -892.22 | -3,490.73 | 1,948.49 | 1,922.05 | 26.44 | 73.691 | | |
| 5,800.00 | 5,477.84 | 5,427.88 | 5,426.09 | 38.06 | 1.54 | 23.48 | -891.09 | -3,490.90 | 1,914.38 | 1,887.35 | 27.03 | 70.824 | | |
| 5,900.00 | 5,570.81 | 5,527.09 | 5,525.30 | 38.82 | 1.55 | 23.98 | -890.09 | -3,490.91 | 1,880.23 | 1,852.62 | 27.61 | 68.090 | | |
| 6,000.00 | 5,663.78 | 5,633.55 | 5,631.75 | 39.59 | 1.56 | 24.53 | -889.52 | -3,490.16 | 1,845.55 | 1,817.37 | 28.18 | 65.497 | | |
| 6,100.00 | 5,756.75 | 5,728.94 | 5,727.13 | 40.35 | 1.57 | 25.04 | -888.94 | -3,489.11 | 1,810.62 | 1,781.84 | 28.78 | 62.902 | | |
| 6,200.00 | 5,849.71 | 5,821.23 | 5,819.42 | 41.12 | 1.58 | 25.56 | -888.17 | -3,488.06 | 1,775.78 | 1,746.37 | 29.41 | 60.370 | | |
| 6,300.00 | 5,942.68 | 5,914.75 | 5,912.93 | 41.88 | 1.60 | 26.11 | -887.20 | -3,486.97 | 1,741.06 | 1,711.00 | 30.06 | 57.927 | | |
| 6,400.00 | 6,035.65 | 6,008.62 | 6,006.78 | 42.64 | 1.61 | 26.69 | -886.03 | -3,485.81 | 1,706.41 | 1,675.70 | 30.71 | 55.563 | | |
| 6,500.00 | 6,128.62 | 6,102.68 | 6,100.82 | 43.41 | 1.62 | 27.31 | -884.70 | -3,484.57 | 1,671.84 | 1,640.46 | 31.38 | 53.274 | | |
| 6,600.00 | 6,221.59 | 6,198.97 | 6,197.09 | 44.17 | 1.64 | 27.98 | -883.04 | -3,483.12 | 1,637.28 | 1,605.22 | 32.06 | 51.064 | | |
| 6,700.00 | 6,314.55 | 6,300.13 | 6,298.21 | 44.94 | 1.65 | 28.73 | -880.80 | -3,481.18 | 1,602.55 | 1,569.80 | 32.75 | 48.932 | | |
| 6,800.00 | 6,407.52 | 6,392.54 | 6,390.56 | 45.70 | 1.67 | 29.46 | -878.41 | -3,479.12 | 1,567.76 | 1,534.27 | 33.49 | 46.814 | | |
| 6,900.00 | 6,499.98 | 6,462.23 | 6,460.23 | 46.49 | 1.68 | 25.98 | -876.85 | -3,478.00 | 1,532.41 | 1,498.08 | 34.33 | 44.644 | | |
| 7,000.00 | 6,586.50 | 6,526.75 | 6,524.73 | 47.49 | 1.69 | 20.70 | -876.10 | -3,477.97 | 1,485.54 | 1,450.35 | 35.19 | 42.215 | | |
| 7,100.00 | 6,663.58 | 6,585.64 | 6,583.62 | 48.75 | 1.70 | 18.48 | -875.85 | -3,478.77 | 1,425.35 | 1,389.30 | 36.05 | 39.540 | | |
| 7,200.00 | 6,728.87 | 6,639.48 | 6,637.45 | 50.23 | 1.70 | 18.19 | -875.86 | -3,480.14 | 1,353.22 | 1,316.35 | 36.87 | 36.703 | | |
| 7,300.00 | 6,780.38 | 6,684.31 | 6,682.25 | 51.91 | 1.71 | 19.78 | -875.91 | -3,481.65 | 1,270.85 | 1,233.21 | 37.64 | 33.766 | | |
| 7,400.00 | 6,816.56 | 6,716.10 | 6,714.01 | 53.74 | 1.71 | 24.48 | -875.98 | -3,482.93 | 1,180.43 | 1,142.08 | 38.34 | 30.787 | | |
| 7,500.00 | 6,836.29 | 6,734.98 | 6,732.87 | 55.65 | 1.72 | 38.28 | -876.07 | -3,483.82 | 1,084.44 | 1,045.48 | 38.96 | 27.835 | | |
| 7,600.00 | 6,840.00 | 6,741.90 | 6,739.78 | 57.58 | 1.72 | 67.01 | -876.11 | -3,484.16 | 985.58 | 946.10 | 39.48 | 24.962 | | |
| 7,700.00 | 6,840.00 | 6,746.09 | 6,743.96 | 59.56 | 1.72 | 68.78 | -876.14 | -3,484.38 | 886.49 | 846.42 | 40.07 | 22.123 | | |
| 7,800.00 | 6,840.00 | 6,750.46 | 6,748.33 | 61.60 | 1.72 | 70.68 | -876.18 | -3,484.61 | 787.59 | 746.78 | 40.81 | 19.299 | | |
| 7,900.00 | 6,840.00 | 6,755.04 | 6,752.90 | 63.69 | 1.72 | 72.70 | -876.21 | -3,484.86 | 688.97 | 647.20 | 41.77 | 16.495 | | |
| 8,000.00 | 6,840.00 | 6,759.83 | 6,757.69 | 65.82 | 1.72 | 74.88 | -876.25 | -3,485.12 | 590.78 | 547.71 | 43.07 | 13.718 | | |
| 8,100.00 | 6,840.00 | 6,764.85 | 6,762.70 | 67.99 | 1.72 | 77.21 | -876.30 | -3,485.41 | 493.25 | 448.34 | 44.91 | 10.983 | | |
| 8,200.00 | 6,840.00 | 6,770.12 | 6,767.96 | 70.21 | 1.72 | 79.70 | -876.35 | -3,485.71 | 396.89 | 349.18 | 47.70 | 8.320 | | |
| 8,300.00 | 6,840.00 | 6,775.65 | 6,773.48 | 72.45 | 1.72 | 82.36 | -876.41 | -3,486.04 | 302.79 | 250.48 | 52.31 | 5.789 | | |
| 8,400.00 | 6,840.00 | 6,781.47 | 6,779.29 | 74.73 | 1.72 | 85.20 | -876.48 | -3,486.40 | 213.94 | 153.36 | 60.59 | 3.531 | | |
| 8,500.00 | 6,840.00 | 6,787.60 | 6,785.40 | 77.04 | 1.72 | 88.22 | -876.55 | -3,486.78 | 140.67 | 66.00 | 74.67 | 1.884 | | |
| 8,580.44 | 6,840.00 | 6,792.77 | 6,790.56 | 78.92 | 1.73 | 90.78 | -876.62 | -3,487.11 | 115.52 | 36.81 | 78.71 | 1.468 | Level 3, CC, ES, SF | |
| 8,600.00 | 6,840.00 | 6,794.06 | 6,791.85 | 79.38 | 1.73 | 91.41 | -876.64 | -3,487.20 | 117.16 | 41.52 | 75.63 | 1.549 | | |
| 8,700.00 | 6,840.00 | 6,800.89 | 6,798.66 | 81.74 | 1.73 | 94.79 | -876.73 | -3,487.65 | 166.06 | 114.71 | 51.35 | 3.234 | | |
| 8,800.00 | 6,840.00 | 6,808.10 | 6,805.86 | 84.12 | 1.73 | 98.32 | -876.84 | -3,488.14 | 247.66 | 208.84 | 38.82 | 6.380 | | |
| 8,900.00 | 6,840.00 | 6,815.75 | 6,813.49 | 86.52 | 1.73 | 102.00 | -876.96 | -3,488.67 | 339.10 | 304.44 | 34.66 | 9.784 | | |
| 9,000.00 | 6,840.00 | 6,823.16 | 6,820.88 | 88.94 | 1.73 | 105.48 | -876.98 | -3,489.21 | 434.22 | 400.83 | 33.39 | 13.004 | | |
| 9,100.00 | 6,840.00 | 6,831.63 | 6,829.33 | 91.38 | 1.73 | 109.31 | -877.05 | -3,489.85 | 531.01 | 497.88 | 33.14 | 16.026 | | |
| 9,200.00 | 6,840.00 | 6,840.72 | 6,838.39 | 93.83 | 1.73 | 113.24 | -877.10 | -3,490.56 | 628.71 | 595.47 | 33.23 | 18.918 | | |
| 9,300.00 | 6,840.00 | 6,850.49 | 6,848.12 | 96.30 | 1.74 | 117.21 | -877.13 | -3,491.34 | 726.92 | 693.46 | 33.46 | 21.723 | | |
| 9,400.00 | 6,840.00 | 6,861.02 | 6,858.62 | 98.79 | 1.74 | 121.20 | -877.14 | -3,492.22 | 825.47 | 791.73 | 33.74 | 24.467 | | |
| 9,500.00 | 6,840.00 | 6,872.40 | 6,869.95 | 101.28 | 1.74 | 125.15 | -877.12 | -3,493.21 | 924.23 | 890.20 | 34.03 | 27.162 | | |
| 9,600.00 | 6,840.00 | 6,884.74 | 6,882.25 | 103.79 | 1.74 | 129.03 | -877.06 | -3,494.33 | 1,023.12 | 988.81 | 34.31 | 29.816 | | |
| 9,700.00 | 6,840.00 | 6,898.17 | 6,895.62 | 106.30 | 1.75 | 132.80 | -876.96 | -3,495.60 | 1,122.11 | 1,087.51 | 34.60 | 32.431 | | |
| 9,800.00 | 6,840.00 | 6,912.84 | 6,910.21 | 108.83 | 1.75 | 136.44 | -876.80 | -3,497.04 | 1,221.15 | 1,186.27 | 34.88 | 35.009 | | |
| 9,900.00 | 6,840.00 | 6,916.84 | 6,914.20 | 111.37 | 1.75 | 137.35 | -876.77 | -3,497.40 | 1,320.30 | 1,285.31 | 34.99 | 37.732 | | |
| 10,000.00 | 6,840.00 | 6,925.71 | 6,923.02 | 113.91 | 1.75 | 139.27 | -876.68 | -3,498.24 | 1,419.49 | 1,384.33 | 35.16 | 40.367 | | |
| 10,100.00 | 6,840.00 | 6,934.48 | 6,931.76 | 116.47 | 1.75 | 141.03 | -876.59 | -3,499.08 | 1,518.74 | 1,483.41 | 35.33 | 42.990 | | |
| 10,200.00 | 6,840.00 | 6,943.17 | 6,940.40 | 119.03 | 1.76 | 142.65 | -876.50 | -3,499.90 | 1,618.02 | 1,582.54 | 35.48 | 45.601 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT FLIPPIN 25BU GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,951.76 | 6,948.96 | 121.59 | 1.76 | 144.13 | -876.41 | -3,500.71 | 1,717.34 | 1,681.71 | 35.63 | 48.202 | | |
| 10,400.00 | 6,840.00 | 6,960.27 | 6,957.43 | 124.17 | 1.76 | 145.50 | -876.32 | -3,501.51 | 1,816.69 | 1,780.93 | 35.77 | 50.792 | | |
| 10,500.00 | 6,840.00 | 6,968.69 | 6,965.81 | 126.75 | 1.76 | 146.77 | -876.23 | -3,502.30 | 1,916.07 | 1,880.17 | 35.90 | 53.371 | | |
| 10,600.00 | 6,840.00 | 6,977.03 | 6,974.11 | 129.34 | 1.76 | 147.94 | -876.13 | -3,503.07 | 2,015.47 | 1,979.44 | 36.03 | 55.941 | | |
| 10,700.00 | 6,840.00 | 6,985.28 | 6,982.33 | 131.93 | 1.77 | 149.03 | -876.04 | -3,503.83 | 2,114.89 | 2,078.74 | 36.15 | 58.500 | | |
| 10,800.00 | 6,840.00 | 6,993.45 | 6,990.47 | 134.53 | 1.77 | 150.05 | -875.94 | -3,504.58 | 2,214.33 | 2,178.06 | 36.27 | 61.050 | | |
| 10,900.00 | 6,840.00 | 7,002.00 | 6,998.98 | 137.13 | 1.77 | 151.04 | -875.84 | -3,505.36 | 2,313.79 | 2,277.40 | 36.39 | 63.582 | | |
| 11,000.00 | 6,840.00 | 7,012.57 | 7,009.50 | 139.73 | 1.77 | 152.19 | -875.72 | -3,506.33 | 2,413.25 | 2,376.72 | 36.53 | 66.070 | | |
| 11,100.00 | 6,840.00 | 7,023.27 | 7,020.15 | 142.35 | 1.77 | 153.26 | -875.60 | -3,507.32 | 2,512.72 | 2,476.06 | 36.66 | 68.543 | | |
| 11,200.00 | 6,840.00 | 7,034.10 | 7,030.94 | 144.96 | 1.77 | 154.28 | -875.47 | -3,508.33 | 2,612.19 | 2,575.40 | 36.79 | 71.002 | | |
| 11,300.00 | 6,840.00 | 7,045.08 | 7,041.87 | 147.58 | 1.77 | 155.23 | -875.35 | -3,509.35 | 2,711.66 | 2,674.74 | 36.92 | 73.447 | | |
| 11,400.00 | 6,840.00 | 7,056.20 | 7,052.94 | 150.20 | 1.78 | 156.13 | -875.23 | -3,510.40 | 2,811.13 | 2,774.08 | 37.05 | 75.876 | | |
| 11,500.00 | 6,840.00 | 7,064.63 | 7,061.33 | 152.83 | 1.78 | 156.77 | -875.14 | -3,511.19 | 2,910.61 | 2,873.45 | 37.16 | 78.334 | | |
| 11,600.00 | 6,840.00 | 7,074.04 | 7,070.70 | 155.46 | 1.78 | 157.45 | -875.04 | -3,512.07 | 3,010.09 | 2,972.82 | 37.27 | 80.766 | | |
| 11,700.00 | 6,840.00 | 7,083.44 | 7,080.06 | 158.09 | 1.79 | 158.09 | -874.94 | -3,512.96 | 3,109.58 | 3,072.20 | 37.38 | 83.186 | | |
| 11,800.00 | 6,840.00 | 7,092.85 | 7,089.42 | 160.73 | 1.79 | 158.69 | -874.83 | -3,513.84 | 3,209.07 | 3,171.58 | 37.49 | 85.594 | | |
| 11,900.00 | 6,840.00 | 7,102.25 | 7,098.79 | 163.36 | 1.79 | 159.27 | -874.73 | -3,514.72 | 3,308.56 | 3,270.96 | 37.60 | 87.990 | | |
| 12,000.00 | 6,840.00 | 7,111.66 | 7,108.15 | 166.01 | 1.80 | 159.81 | -874.63 | -3,515.61 | 3,408.06 | 3,370.35 | 37.71 | 90.375 | | |
| 12,100.00 | 6,840.00 | 7,121.06 | 7,117.51 | 168.65 | 1.80 | 160.33 | -874.53 | -3,516.49 | 3,507.57 | 3,469.75 | 37.82 | 92.747 | | |
| 12,200.00 | 6,840.00 | 7,130.47 | 7,126.88 | 171.30 | 1.80 | 160.82 | -874.42 | -3,517.38 | 3,607.07 | 3,569.15 | 37.93 | 95.108 | | |
| 12,300.00 | 6,840.00 | 7,139.88 | 7,136.24 | 173.94 | 1.81 | 161.28 | -874.32 | -3,518.26 | 3,706.58 | 3,668.55 | 38.03 | 97.457 | | |
| 12,400.00 | 6,840.00 | 7,149.28 | 7,145.60 | 176.59 | 1.81 | 161.73 | -874.22 | -3,519.15 | 3,806.09 | 3,767.95 | 38.14 | 99.794 | | |
| 12,500.00 | 6,840.00 | 7,158.69 | 7,154.97 | 179.25 | 1.81 | 162.15 | -874.12 | -3,520.03 | 3,905.60 | 3,867.36 | 38.25 | 102.119 | | |
| 12,600.00 | 6,840.00 | 7,168.09 | 7,164.33 | 181.90 | 1.82 | 162.55 | -874.02 | -3,520.91 | 4,005.12 | 3,966.77 | 38.35 | 104.433 | | |
| 12,700.00 | 6,840.00 | 7,177.50 | 7,173.69 | 184.56 | 1.82 | 162.94 | -873.91 | -3,521.80 | 4,104.64 | 4,066.18 | 38.46 | 106.734 | | |
| 12,800.00 | 6,840.00 | 7,186.90 | 7,183.06 | 187.22 | 1.82 | 163.31 | -873.81 | -3,522.68 | 4,204.16 | 4,165.59 | 38.56 | 109.023 | | |
| 12,900.00 | 6,840.00 | 7,196.31 | 7,192.42 | 189.88 | 1.83 | 163.66 | -873.71 | -3,523.57 | 4,303.68 | 4,265.01 | 38.67 | 111.301 | | |
| 13,000.00 | 6,840.00 | 7,205.71 | 7,201.78 | 192.54 | 1.83 | 164.00 | -873.61 | -3,524.45 | 4,403.20 | 4,364.43 | 38.77 | 113.567 | | |
| 13,100.00 | 6,840.00 | 7,215.12 | 7,211.14 | 195.20 | 1.83 | 164.33 | -873.50 | -3,525.33 | 4,502.72 | 4,463.85 | 38.88 | 115.820 | | |
| 13,200.00 | 6,840.00 | 7,224.52 | 7,220.51 | 197.87 | 1.84 | 164.64 | -873.40 | -3,526.22 | 4,602.25 | 4,563.27 | 38.98 | 118.062 | | |
| 13,300.00 | 6,840.00 | 7,233.93 | 7,229.87 | 200.53 | 1.84 | 164.94 | -873.30 | -3,527.10 | 4,701.78 | 4,662.69 | 39.09 | 120.292 | | |
| 13,400.00 | 6,840.00 | 7,243.33 | 7,239.23 | 203.20 | 1.84 | 165.23 | -873.20 | -3,527.99 | 4,801.30 | 4,762.11 | 39.19 | 122.510 | | |
| 13,500.00 | 6,840.00 | 7,252.74 | 7,248.60 | 205.87 | 1.85 | 165.50 | -873.09 | -3,528.87 | 4,900.83 | 4,861.54 | 39.30 | 124.717 | | |
| 13,600.00 | 6,840.00 | 7,262.15 | 7,257.96 | 208.54 | 1.85 | 165.77 | -872.99 | -3,529.76 | 5,000.36 | 4,960.96 | 39.40 | 126.911 | | |
| 13,700.00 | 6,840.00 | 7,271.55 | 7,267.32 | 211.22 | 1.85 | 166.03 | -872.89 | -3,530.64 | 5,099.89 | 5,060.39 | 39.51 | 129.093 | | |
| 13,800.00 | 6,840.00 | 7,280.96 | 7,276.69 | 213.89 | 1.86 | 166.27 | -872.79 | -3,531.52 | 5,199.43 | 5,159.82 | 39.61 | 131.264 | | |
| 13,900.00 | 6,840.00 | 7,264.00 | 7,259.81 | 216.56 | 1.85 | 165.82 | -872.97 | -3,529.93 | 5,299.03 | 5,259.48 | 39.54 | 134.013 | | |
| 14,000.00 | 6,840.00 | 7,264.00 | 7,259.81 | 219.24 | 1.85 | 165.82 | -872.97 | -3,529.93 | 5,398.61 | 5,359.03 | 39.59 | 136.376 | | |
| 14,100.00 | 6,840.00 | 7,264.00 | 7,259.81 | 221.92 | 1.85 | 165.82 | -872.97 | -3,529.93 | 5,498.21 | 5,458.58 | 39.63 | 138.732 | | |
| 14,200.00 | 6,840.00 | 7,264.00 | 7,259.81 | 224.59 | 1.85 | 165.82 | -872.97 | -3,529.93 | 5,597.83 | 5,558.15 | 39.68 | 141.078 | | |
| 14,300.00 | 6,840.00 | 7,264.00 | 7,259.81 | 227.27 | 1.85 | 165.82 | -872.97 | -3,529.93 | 5,697.46 | 5,657.73 | 39.73 | 143.416 | | |
| 14,400.00 | 6,840.00 | 7,264.00 | 7,259.81 | 229.95 | 1.85 | 165.82 | -872.97 | -3,529.93 | 5,797.10 | 5,757.33 | 39.78 | 145.746 | | |
| 14,500.00 | 6,840.00 | 7,264.00 | 7,259.81 | 232.63 | 1.85 | 165.82 | -872.97 | -3,529.93 | 5,896.76 | 5,856.93 | 39.83 | 148.066 | | |
| 14,600.00 | 6,840.00 | 7,264.00 | 7,259.81 | 235.31 | 1.85 | 165.82 | -872.97 | -3,529.93 | 5,996.42 | 5,956.55 | 39.88 | 150.378 | | |
| 14,700.00 | 6,840.00 | 7,264.00 | 7,259.81 | 238.00 | 1.85 | 165.82 | -872.97 | -3,529.93 | 6,096.10 | 6,056.17 | 39.93 | 152.681 | | |
| 14,800.00 | 6,840.00 | 7,264.00 | 7,259.81 | 240.68 | 1.85 | 165.82 | -872.97 | -3,529.93 | 6,195.79 | 6,155.81 | 39.98 | 154.975 | | |
| 14,900.00 | 6,840.00 | 7,264.00 | 7,259.81 | 243.36 | 1.85 | 165.82 | -872.97 | -3,529.93 | 6,295.48 | 6,255.45 | 40.03 | 157.259 | | |
| 15,000.00 | 6,840.00 | 7,264.00 | 7,259.81 | 246.05 | 1.85 | 165.82 | -872.97 | -3,529.93 | 6,395.19 | 6,355.11 | 40.09 | 159.535 | | |
| 15,100.00 | 6,840.00 | 7,264.00 | 7,259.81 | 248.74 | 1.85 | 165.82 | -872.97 | -3,529.93 | 6,494.91 | 6,454.77 | 40.14 | 161.802 | | |
| 15,200.00 | 6,840.00 | 7,264.00 | 7,259.81 | 251.42 | 1.85 | 165.82 | -872.97 | -3,529.93 | 6,594.63 | 6,554.44 | 40.20 | 164.059 | | |
| 15,300.00 | 6,840.00 | 7,264.00 | 7,259.81 | 254.11 | 1.85 | 165.82 | -872.97 | -3,529.93 | 6,694.36 | 6,654.11 | 40.25 | 166.308 | | |
| 15,400.00 | 6,840.00 | 7,264.00 | 7,259.81 | 256.80 | 1.85 | 165.82 | -872.97 | -3,529.93 | 6,794.10 | 6,753.79 | 40.31 | 168.547 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT FLIPPIN 25BU GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,500.00 | 6,840.00 | 7,264.00 | 7,259.81 | 259.49 | 1.85 | 165.82 | -872.97 | -3,529.93 | 6,893.85 | 6,853.49 | 40.37 | 170.777 | | |
| 15,600.00 | 6,840.00 | 7,264.00 | 7,259.81 | 262.17 | 1.85 | 165.82 | -872.97 | -3,529.93 | 6,993.61 | 6,953.18 | 40.43 | 172.998 | | |
| 15,700.00 | 6,840.00 | 7,264.00 | 7,259.81 | 264.86 | 1.85 | 165.82 | -872.97 | -3,529.93 | 7,093.37 | 7,052.88 | 40.49 | 175.209 | | |
| 15,800.00 | 6,840.00 | 7,264.00 | 7,259.81 | 267.55 | 1.85 | 165.82 | -872.97 | -3,529.93 | 7,193.14 | 7,152.59 | 40.55 | 177.411 | | |
| 15,900.00 | 6,840.00 | 7,264.00 | 7,259.81 | 270.25 | 1.85 | 165.82 | -872.97 | -3,529.93 | 7,292.91 | 7,252.31 | 40.61 | 179.604 | | |
| 16,000.00 | 6,840.00 | 7,264.00 | 7,259.81 | 272.94 | 1.85 | 165.82 | -872.97 | -3,529.93 | 7,392.69 | 7,352.03 | 40.67 | 181.787 | | |
| 16,100.00 | 6,840.00 | 7,264.00 | 7,259.81 | 275.63 | 1.85 | 165.82 | -872.97 | -3,529.93 | 7,492.48 | 7,451.75 | 40.73 | 183.961 | | |
| 16,200.00 | 6,840.00 | 7,264.00 | 7,259.81 | 278.32 | 1.85 | 165.82 | -872.97 | -3,529.93 | 7,592.27 | 7,551.48 | 40.79 | 186.125 | | |
| 16,300.00 | 6,840.00 | 7,264.00 | 7,259.81 | 281.02 | 1.85 | 165.82 | -872.97 | -3,529.93 | 7,692.07 | 7,651.22 | 40.85 | 188.280 | | |
| 16,400.00 | 6,840.00 | 7,264.00 | 7,259.81 | 283.71 | 1.85 | 165.82 | -872.97 | -3,529.93 | 7,791.88 | 7,750.96 | 40.92 | 190.426 | | |
| 16,500.00 | 6,840.00 | 7,264.00 | 7,259.81 | 286.40 | 1.85 | 165.82 | -872.97 | -3,529.93 | 7,891.68 | 7,850.70 | 40.98 | 192.562 | | |
| 16,600.00 | 6,840.00 | 7,264.00 | 7,259.81 | 289.10 | 1.85 | 165.82 | -872.97 | -3,529.93 | 7,991.50 | 7,950.45 | 41.05 | 194.688 | | |
| 16,700.00 | 6,840.00 | 7,264.00 | 7,259.81 | 291.79 | 1.85 | 165.82 | -872.97 | -3,529.93 | 8,091.31 | 8,050.20 | 41.11 | 196.805 | | |
| 16,800.00 | 6,840.00 | 7,264.00 | 7,259.81 | 294.49 | 1.85 | 165.82 | -872.97 | -3,529.93 | 8,191.14 | 8,149.96 | 41.18 | 198.912 | | |
| 16,900.00 | 6,840.00 | 7,264.00 | 7,259.81 | 297.19 | 1.85 | 165.82 | -872.97 | -3,529.93 | 8,290.96 | 8,249.72 | 41.25 | 201.010 | | |
| 17,000.00 | 6,840.00 | 7,264.00 | 7,259.81 | 299.88 | 1.85 | 165.82 | -872.97 | -3,529.93 | 8,390.79 | 8,349.48 | 41.31 | 203.098 | | |
| 17,100.00 | 6,840.00 | 7,264.00 | 7,259.81 | 302.58 | 1.85 | 165.82 | -872.97 | -3,529.93 | 8,490.63 | 8,449.24 | 41.38 | 205.177 | | |
| 17,200.00 | 6,840.00 | 7,264.00 | 7,259.81 | 305.28 | 1.85 | 165.82 | -872.97 | -3,529.93 | 8,590.46 | 8,549.01 | 41.45 | 207.246 | | |
| 17,300.00 | 6,840.00 | 7,264.00 | 7,259.81 | 307.97 | 1.85 | 165.82 | -872.97 | -3,529.93 | 8,690.31 | 8,648.79 | 41.52 | 209.306 | | |
| 17,400.00 | 6,840.00 | 7,264.00 | 7,259.81 | 310.67 | 1.85 | 165.82 | -872.97 | -3,529.93 | 8,790.15 | 8,748.56 | 41.59 | 211.355 | | |
| 17,500.00 | 6,840.00 | 7,264.00 | 7,259.81 | 313.37 | 1.85 | 165.82 | -872.97 | -3,529.93 | 8,890.00 | 8,848.34 | 41.66 | 213.396 | | |
| 17,600.00 | 6,840.00 | 7,264.00 | 7,259.81 | 316.07 | 1.85 | 165.82 | -872.97 | -3,529.93 | 8,989.85 | 8,948.12 | 41.73 | 215.426 | | |
| 17,700.00 | 6,840.00 | 7,264.00 | 7,259.81 | 318.77 | 1.85 | 165.82 | -872.97 | -3,529.93 | 9,089.71 | 9,047.91 | 41.80 | 217.447 | | |
| 17,800.00 | 6,840.00 | 7,264.00 | 7,259.81 | 321.47 | 1.85 | 165.82 | -872.97 | -3,529.93 | 9,189.57 | 9,147.69 | 41.87 | 219.459 | | |
| 17,900.00 | 6,840.00 | 7,264.00 | 7,259.81 | 324.17 | 1.85 | 165.82 | -872.97 | -3,529.93 | 9,289.43 | 9,247.48 | 41.95 | 221.460 | | |
| 18,000.00 | 6,840.00 | 7,264.00 | 7,259.81 | 326.87 | 1.85 | 165.82 | -872.97 | -3,529.93 | 9,389.29 | 9,347.28 | 42.02 | 223.452 | | |
| 18,100.00 | 6,840.00 | 7,264.00 | 7,259.81 | 329.57 | 1.85 | 165.82 | -872.97 | -3,529.93 | 9,489.16 | 9,447.07 | 42.09 | 225.435 | | |
| 18,200.00 | 6,840.00 | 7,264.00 | 7,259.81 | 332.27 | 1.85 | 165.82 | -872.97 | -3,529.93 | 9,589.03 | 9,546.87 | 42.17 | 227.408 | | |
| 18,300.00 | 6,840.00 | 7,264.00 | 7,259.81 | 334.97 | 1.85 | 165.82 | -872.97 | -3,529.93 | 9,688.91 | 9,646.66 | 42.24 | 229.371 | | |
| 18,400.00 | 6,840.00 | 7,264.00 | 7,259.81 | 337.67 | 1.85 | 165.82 | -872.97 | -3,529.93 | 9,788.78 | 9,746.46 | 42.32 | 231.325 | | |
| 18,500.00 | 6,840.00 | 7,264.00 | 7,259.81 | 340.38 | 1.85 | 165.82 | -872.97 | -3,529.93 | 9,888.66 | 9,846.27 | 42.39 | 233.269 | | |
| 18,600.00 | 6,840.00 | 7,264.00 | 7,259.81 | 343.08 | 1.85 | 165.82 | -872.97 | -3,529.93 | 9,988.54 | 9,946.07 | 42.47 | 235.203 | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G 25-16 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -172.64 | -1,492.56 | -192.81 | 1,505.08 | | | | | |
| 100.00 | 100.00 | 86.64 | 86.64 | 0.13 | 0.09 | -172.65 | -1,492.44 | -192.49 | 1,504.81 | 1,504.58 | 0.23 | 6,663.554 | | |
| 200.00 | 200.00 | 195.56 | 195.55 | 0.49 | 0.23 | -172.68 | -1,491.83 | -191.51 | 1,504.15 | 1,503.43 | 0.72 | 2,084.838 | | |
| 300.00 | 300.00 | 295.30 | 295.29 | 0.85 | 0.30 | -172.70 | -1,490.92 | -191.04 | 1,503.17 | 1,502.03 | 1.15 | 1,308.806 | | |
| 400.00 | 400.00 | 386.10 | 386.08 | 1.21 | 0.36 | -172.69 | -1,490.29 | -191.23 | 1,502.52 | 1,500.95 | 1.57 | 958.373 | | |
| 500.00 | 500.00 | 491.76 | 491.74 | 1.57 | 0.41 | -172.69 | -1,489.82 | -191.14 | 1,502.07 | 1,500.10 | 1.97 | 761.540 | | |
| 600.00 | 599.98 | 584.77 | 584.75 | 1.92 | 0.43 | -56.97 | -1,489.34 | -191.02 | 1,500.59 | 1,498.25 | 2.34 | 640.228 | | |
| 700.00 | 699.84 | 677.05 | 677.03 | 2.26 | 0.46 | -57.15 | -1,489.28 | -191.54 | 1,497.75 | 1,495.03 | 2.72 | 550.187 | | |
| 800.00 | 799.45 | 784.91 | 784.89 | 2.62 | 0.48 | -57.52 | -1,489.34 | -191.93 | 1,493.14 | 1,490.05 | 3.09 | 483.046 | | |
| 900.00 | 898.70 | 891.99 | 891.97 | 2.99 | 0.52 | -58.07 | -1,488.72 | -191.83 | 1,486.02 | 1,482.52 | 3.50 | 424.232 | | |
| 1,000.00 | 997.47 | 979.73 | 979.70 | 3.39 | 0.54 | -58.66 | -1,488.25 | -192.11 | 1,477.24 | 1,473.33 | 3.91 | 377.510 | | |
| 1,100.00 | 1,095.62 | 1,080.30 | 1,080.28 | 3.81 | 0.57 | -59.46 | -1,488.15 | -192.51 | 1,467.25 | 1,462.90 | 4.35 | 337.404 | | |
| 1,200.00 | 1,193.06 | 1,181.74 | 1,181.71 | 4.27 | 0.62 | -60.44 | -1,487.73 | -192.62 | 1,455.35 | 1,450.52 | 4.83 | 301.393 | | |
| 1,300.00 | 1,289.64 | 1,273.36 | 1,273.33 | 4.77 | 0.65 | -61.49 | -1,487.34 | -192.85 | 1,442.05 | 1,436.72 | 5.33 | 270.639 | | |
| 1,400.00 | 1,385.27 | 1,370.29 | 1,370.26 | 5.31 | 0.67 | -62.75 | -1,487.17 | -193.27 | 1,427.73 | 1,421.87 | 5.86 | 243.677 | | |
| 1,500.00 | 1,479.82 | 1,463.70 | 1,463.67 | 5.91 | 0.69 | -64.14 | -1,486.89 | -193.25 | 1,412.21 | 1,405.77 | 6.44 | 219.409 | | |
| 1,600.00 | 1,573.19 | 1,558.83 | 1,558.80 | 6.55 | 0.72 | -65.64 | -1,486.70 | -193.53 | 1,395.97 | 1,388.89 | 7.07 | 197.331 | | |
| 1,700.00 | 1,666.16 | 1,656.14 | 1,656.11 | 7.23 | 0.76 | -67.01 | -1,486.21 | -193.65 | 1,379.73 | 1,371.97 | 7.76 | 177.822 | | |
| 1,800.00 | 1,759.13 | 1,751.71 | 1,751.67 | 7.93 | 0.80 | -68.39 | -1,485.48 | -193.64 | 1,364.06 | 1,355.58 | 8.47 | 161.007 | | |
| 1,900.00 | 1,852.10 | 1,843.67 | 1,843.63 | 8.64 | 0.83 | -69.75 | -1,484.67 | -193.38 | 1,349.14 | 1,339.94 | 9.20 | 146.587 | | |
| 2,000.00 | 1,945.06 | 1,935.50 | 1,935.45 | 9.35 | 0.87 | -71.15 | -1,484.01 | -192.94 | 1,335.26 | 1,325.31 | 9.95 | 134.172 | | |
| 2,100.00 | 2,038.03 | 2,030.10 | 2,030.05 | 10.08 | 0.90 | -72.61 | -1,483.18 | -192.41 | 1,322.19 | 1,311.47 | 10.72 | 123.396 | | |
| 2,200.00 | 2,131.00 | 2,125.58 | 2,125.53 | 10.81 | 0.93 | -74.12 | -1,482.31 | -191.88 | 1,310.02 | 1,298.53 | 11.49 | 114.008 | | |
| 2,300.00 | 2,223.97 | 2,227.67 | 2,227.60 | 11.54 | 0.97 | -75.74 | -1,480.71 | -191.65 | 1,298.18 | 1,285.90 | 12.28 | 105.737 | | |
| 2,400.00 | 2,316.94 | 2,318.03 | 2,317.95 | 12.28 | 1.01 | -77.21 | -1,479.13 | -191.36 | 1,287.18 | 1,274.11 | 13.07 | 98.457 | | |
| 2,500.00 | 2,409.90 | 2,407.75 | 2,407.65 | 13.02 | 1.04 | -78.70 | -1,477.72 | -190.83 | 1,277.44 | 1,263.57 | 13.88 | 92.068 | | |
| 2,600.00 | 2,502.87 | 2,508.50 | 2,508.38 | 13.77 | 1.08 | -80.41 | -1,475.81 | -189.89 | 1,268.55 | 1,253.87 | 14.68 | 86.408 | | |
| 2,700.00 | 2,595.84 | 2,614.37 | 2,614.21 | 14.51 | 1.12 | -82.23 | -1,472.86 | -188.98 | 1,259.96 | 1,244.47 | 15.49 | 81.344 | | |
| 2,800.00 | 2,688.81 | 2,687.72 | 2,687.54 | 15.26 | 1.14 | -83.52 | -1,471.07 | -188.13 | 1,252.86 | 1,236.56 | 16.30 | 76.882 | | |
| 2,900.00 | 2,781.77 | 2,782.28 | 2,782.07 | 16.01 | 1.17 | -85.18 | -1,469.27 | -186.93 | 1,247.47 | 1,230.37 | 17.10 | 72.952 | | |
| 3,000.00 | 2,874.74 | 2,872.68 | 2,872.45 | 16.76 | 1.21 | -86.76 | -1,467.55 | -186.23 | 1,243.08 | 1,225.18 | 17.90 | 69.443 | | |
| 3,100.00 | 2,967.71 | 2,961.22 | 2,960.97 | 17.52 | 1.24 | -88.32 | -1,466.15 | -185.58 | 1,240.13 | 1,221.43 | 18.69 | 66.335 | | |
| 3,200.00 | 3,060.68 | 3,046.26 | 3,046.01 | 18.27 | 1.26 | -89.81 | -1,465.15 | -184.90 | 1,238.70 | 1,219.23 | 19.48 | 63.604 | | |
| 3,226.29 | 3,085.12 | 3,067.90 | 3,067.64 | 18.47 | 1.27 | -90.19 | -1,464.98 | -184.67 | 1,238.64 | 1,218.96 | 19.68 | 62.946 CC | | |
| 3,300.00 | 3,153.65 | 3,131.12 | 3,130.86 | 19.03 | 1.29 | -91.30 | -1,464.69 | -183.88 | 1,239.13 | 1,218.89 | 20.24 | 61.224 ES | | |
| 3,400.00 | 3,246.61 | 3,218.43 | 3,218.16 | 19.78 | 1.30 | -92.83 | -1,464.64 | -182.94 | 1,241.06 | 1,220.07 | 20.99 | 59.138 | | |
| 3,500.00 | 3,339.58 | 3,297.44 | 3,297.16 | 20.54 | 1.31 | -94.18 | -1,465.43 | -182.22 | 1,244.90 | 1,223.19 | 21.71 | 57.341 | | |
| 3,600.00 | 3,432.55 | 3,400.66 | 3,400.37 | 21.30 | 1.31 | -95.91 | -1,466.91 | -181.66 | 1,249.99 | 1,227.56 | 22.43 | 55.716 | | |
| 3,700.00 | 3,525.52 | 3,515.10 | 3,514.80 | 22.06 | 1.30 | -97.78 | -1,467.67 | -182.41 | 1,254.92 | 1,231.77 | 23.15 | 54.197 | | |
| 3,800.00 | 3,618.49 | 3,622.47 | 3,622.15 | 22.82 | 1.32 | -99.48 | -1,467.69 | -184.66 | 1,259.59 | 1,235.70 | 23.88 | 52.739 | | |
| 3,900.00 | 3,711.45 | 3,726.26 | 3,725.90 | 23.57 | 1.34 | -101.12 | -1,466.81 | -187.58 | 1,264.15 | 1,239.55 | 24.60 | 51.396 | | |
| 4,000.00 | 3,804.42 | 3,817.21 | 3,816.80 | 24.33 | 1.36 | -102.55 | -1,465.67 | -189.95 | 1,269.48 | 1,244.19 | 25.29 | 50.197 | | |
| 4,100.00 | 3,897.39 | 3,904.85 | 3,904.42 | 25.09 | 1.38 | -103.92 | -1,464.88 | -192.08 | 1,276.11 | 1,250.15 | 25.97 | 49.147 | | |
| 4,200.00 | 3,990.36 | 3,994.04 | 3,993.59 | 25.86 | 1.40 | -105.30 | -1,464.31 | -194.00 | 1,284.05 | 1,257.42 | 26.62 | 48.229 | | |
| 4,300.00 | 4,083.32 | 4,090.10 | 4,089.63 | 26.62 | 1.42 | -106.79 | -1,463.61 | -195.83 | 1,292.99 | 1,265.72 | 27.27 | 47.411 | | |
| 4,400.00 | 4,176.29 | 4,179.98 | 4,179.49 | 27.38 | 1.44 | -108.16 | -1,462.92 | -197.51 | 1,302.84 | 1,274.94 | 27.90 | 46.700 | | |
| 4,500.00 | 4,269.26 | 4,272.40 | 4,271.89 | 28.14 | 1.46 | -109.55 | -1,462.24 | -198.99 | 1,313.79 | 1,285.28 | 28.51 | 46.085 | | |
| 4,600.00 | 4,362.23 | 4,365.43 | 4,364.91 | 28.90 | 1.49 | -110.95 | -1,461.35 | -200.24 | 1,325.64 | 1,296.54 | 29.10 | 45.554 | | |
| 4,700.00 | 4,455.20 | 4,461.00 | 4,460.47 | 29.66 | 1.51 | -112.35 | -1,460.72 | -201.84 | 1,338.32 | 1,308.64 | 29.68 | 45.089 | | |
| 4,800.00 | 4,548.16 | 4,551.90 | 4,551.34 | 30.43 | 1.53 | -113.66 | -1,459.99 | -203.39 | 1,351.72 | 1,321.48 | 30.24 | 44.700 | | |
| 4,900.00 | 4,641.13 | 4,641.41 | 4,640.85 | 31.19 | 1.56 | -114.96 | -1,458.74 | -204.04 | 1,366.30 | 1,335.53 | 30.77 | 44.400 | | |
| 5,000.00 | 4,734.10 | 4,734.81 | 4,734.23 | 31.95 | 1.59 | -116.30 | -1,457.31 | -204.58 | 1,381.75 | 1,350.45 | 31.29 | 44.154 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G 25-16 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,834.85 | 4,834.27 | 32.71 | 1.62 | -117.69 | -1,456.16 | -205.56 | 1,397.91 | 1,366.10 | 31.81 | 43.942 | | |
| 5,200.00 | 4,920.04 | 4,953.15 | 4,952.51 | 33.48 | 1.65 | -119.29 | -1,453.92 | -207.93 | 1,413.64 | 1,381.30 | 32.34 | 43.710 | | |
| 5,300.00 | 5,013.00 | 5,062.44 | 5,061.70 | 34.24 | 1.68 | -120.73 | -1,450.85 | -211.58 | 1,428.57 | 1,395.73 | 32.84 | 43.495 | | |
| 5,400.00 | 5,105.97 | 5,159.22 | 5,158.36 | 35.00 | 1.71 | -122.00 | -1,447.62 | -215.17 | 1,443.69 | 1,410.37 | 33.32 | 43.332 | | |
| 5,500.00 | 5,198.94 | 5,250.80 | 5,249.83 | 35.77 | 1.74 | -123.18 | -1,444.23 | -218.38 | 1,459.50 | 1,425.73 | 33.77 | 43.223 | | |
| 5,600.00 | 5,291.91 | 5,340.60 | 5,339.51 | 36.53 | 1.77 | -124.33 | -1,440.80 | -221.24 | 1,476.20 | 1,442.00 | 34.20 | 43.167 | | |
| 5,700.00 | 5,384.87 | 5,431.21 | 5,429.99 | 37.29 | 1.80 | -125.50 | -1,436.65 | -223.51 | 1,493.82 | 1,459.21 | 34.61 | 43.165 SF | | |
| 5,800.00 | 5,477.84 | 5,521.44 | 5,520.08 | 38.06 | 1.83 | -126.67 | -1,431.83 | -225.36 | 1,512.21 | 1,477.21 | 34.99 | 43.212 | | |
| 5,900.00 | 5,570.81 | 5,603.43 | 5,601.94 | 38.82 | 1.86 | -127.73 | -1,427.34 | -226.54 | 1,531.76 | 1,496.40 | 35.35 | 43.325 | | |
| 6,000.00 | 5,663.78 | 5,682.93 | 5,681.34 | 39.59 | 1.88 | -128.71 | -1,423.55 | -227.27 | 1,552.71 | 1,517.01 | 35.70 | 43.493 | | |
| 6,100.00 | 5,756.75 | 5,766.68 | 5,765.04 | 40.35 | 1.91 | -129.70 | -1,420.59 | -227.82 | 1,574.96 | 1,538.91 | 36.05 | 43.691 | | |
| 6,200.00 | 5,849.71 | 5,852.61 | 5,850.94 | 41.12 | 1.94 | -130.67 | -1,418.39 | -228.31 | 1,598.22 | 1,561.83 | 36.40 | 43.911 | | |
| 6,300.00 | 5,942.68 | 5,944.45 | 5,942.76 | 41.88 | 1.97 | -131.66 | -1,416.33 | -228.62 | 1,622.32 | 1,585.56 | 36.75 | 44.143 | | |
| 6,400.00 | 6,035.65 | 6,039.44 | 6,037.72 | 42.64 | 2.00 | -132.67 | -1,413.92 | -229.04 | 1,646.73 | 1,609.63 | 37.10 | 44.382 | | |
| 6,500.00 | 6,128.62 | 6,130.18 | 6,128.43 | 43.41 | 2.03 | -133.61 | -1,411.68 | -229.41 | 1,671.68 | 1,634.24 | 37.44 | 44.648 | | |
| 6,600.00 | 6,221.59 | 6,220.19 | 6,218.41 | 44.17 | 2.06 | -134.51 | -1,409.69 | -229.75 | 1,697.20 | 1,659.42 | 37.77 | 44.929 | | |
| 6,700.00 | 6,314.55 | 6,307.03 | 6,305.23 | 44.94 | 2.08 | -135.36 | -1,407.77 | -229.82 | 1,723.41 | 1,685.32 | 38.09 | 45.241 | | |
| 6,800.00 | 6,407.52 | 6,400.28 | 6,398.46 | 45.70 | 2.11 | -136.23 | -1,406.17 | -229.89 | 1,750.18 | 1,711.75 | 38.43 | 45.544 | | |
| 6,900.00 | 6,499.98 | 6,496.64 | 6,494.81 | 46.49 | 2.14 | -140.86 | -1,404.79 | -230.18 | 1,778.55 | 1,739.78 | 38.78 | 45.864 | | |
| 7,000.00 | 6,586.50 | 6,587.73 | 6,585.89 | 47.49 | 2.17 | -146.71 | -1,403.36 | -230.65 | 1,820.08 | 1,780.91 | 39.16 | 46.472 | | |
| 7,100.00 | 6,663.58 | 6,659.65 | 6,657.81 | 48.75 | 2.20 | -149.06 | -1,402.23 | -231.04 | 1,876.59 | 1,837.06 | 39.54 | 47.465 | | |
| 7,200.00 | 6,728.87 | 6,719.17 | 6,717.31 | 50.23 | 2.22 | -149.05 | -1,401.11 | -231.11 | 1,946.65 | 1,906.77 | 39.88 | 48.811 | | |
| 7,300.00 | 6,780.38 | 6,766.55 | 6,764.68 | 51.91 | 2.23 | -146.42 | -1,400.14 | -231.03 | 2,027.95 | 1,987.76 | 40.18 | 50.470 | | |
| 7,400.00 | 6,816.56 | 6,799.48 | 6,797.60 | 53.74 | 2.24 | -139.07 | -1,399.44 | -230.92 | 2,117.84 | 2,077.42 | 40.41 | 52.403 | | |
| 7,500.00 | 6,836.29 | 6,820.33 | 6,818.45 | 55.65 | 2.25 | -119.48 | -1,398.98 | -230.83 | 2,213.42 | 2,172.84 | 40.58 | 54.546 | | |
| 7,600.00 | 6,840.00 | 6,823.98 | 6,822.10 | 57.58 | 2.25 | -90.16 | -1,398.89 | -230.82 | 2,311.65 | 2,270.99 | 40.66 | 56.848 | | |
| 7,700.00 | 6,840.00 | 6,823.60 | 6,821.72 | 59.56 | 2.25 | -90.11 | -1,398.90 | -230.82 | 2,410.27 | 2,369.54 | 40.73 | 59.182 | | |
| 7,800.00 | 6,840.00 | 6,823.23 | 6,821.35 | 61.60 | 2.25 | -90.05 | -1,398.91 | -230.82 | 2,509.00 | 2,468.21 | 40.79 | 61.515 | | |
| 7,900.00 | 6,840.00 | 6,822.85 | 6,820.97 | 63.69 | 2.25 | -90.00 | -1,398.92 | -230.83 | 2,607.82 | 2,566.98 | 40.84 | 63.848 | | |
| 8,000.00 | 6,840.00 | 6,822.47 | 6,820.58 | 65.82 | 2.25 | -89.94 | -1,398.93 | -230.83 | 2,706.73 | 2,665.83 | 40.90 | 66.180 | | |
| 8,100.00 | 6,840.00 | 6,822.08 | 6,820.20 | 67.99 | 2.25 | -89.88 | -1,398.94 | -230.83 | 2,805.72 | 2,764.76 | 40.95 | 68.511 | | |
| 8,200.00 | 6,840.00 | 6,821.69 | 6,819.81 | 70.21 | 2.25 | -89.83 | -1,398.95 | -230.83 | 2,904.77 | 2,863.77 | 41.00 | 70.841 | | |
| 8,300.00 | 6,840.00 | 6,821.30 | 6,819.42 | 72.45 | 2.25 | -89.77 | -1,398.95 | -230.83 | 3,003.89 | 2,962.84 | 41.05 | 73.169 | | |
| 8,400.00 | 6,840.00 | 6,820.91 | 6,819.03 | 74.73 | 2.25 | -89.71 | -1,398.96 | -230.83 | 3,103.07 | 3,061.96 | 41.10 | 75.495 | | |
| 8,500.00 | 6,840.00 | 6,820.52 | 6,818.64 | 77.04 | 2.25 | -89.65 | -1,398.97 | -230.83 | 3,202.29 | 3,161.14 | 41.15 | 77.819 | | |
| 8,600.00 | 6,840.00 | 6,820.12 | 6,818.24 | 79.38 | 2.25 | -89.60 | -1,398.98 | -230.84 | 3,301.57 | 3,260.37 | 41.20 | 80.141 | | |
| 8,700.00 | 6,840.00 | 6,819.72 | 6,817.84 | 81.74 | 2.25 | -89.54 | -1,398.99 | -230.84 | 3,400.88 | 3,359.64 | 41.24 | 82.461 | | |
| 8,800.00 | 6,840.00 | 6,819.32 | 6,817.44 | 84.12 | 2.25 | -89.48 | -1,399.00 | -230.84 | 3,500.24 | 3,458.95 | 41.29 | 84.778 | | |
| 8,900.00 | 6,840.00 | 6,818.91 | 6,817.03 | 86.52 | 2.25 | -89.42 | -1,399.01 | -230.84 | 3,599.63 | 3,558.30 | 41.33 | 87.092 | | |
| 9,000.00 | 6,840.00 | 6,818.50 | 6,816.62 | 88.94 | 2.25 | -89.36 | -1,399.02 | -230.84 | 3,699.05 | 3,657.68 | 41.37 | 89.404 | | |
| 9,100.00 | 6,840.00 | 6,818.09 | 6,816.21 | 91.38 | 2.25 | -89.30 | -1,399.03 | -230.84 | 3,798.50 | 3,757.09 | 41.42 | 91.712 | | |
| 9,200.00 | 6,840.00 | 6,817.68 | 6,815.80 | 93.83 | 2.25 | -89.24 | -1,399.04 | -230.84 | 3,897.99 | 3,856.53 | 41.46 | 94.017 | | |
| 9,300.00 | 6,840.00 | 6,817.26 | 6,815.38 | 96.30 | 2.25 | -89.18 | -1,399.05 | -230.85 | 3,997.49 | 3,955.99 | 41.50 | 96.319 | | |
| 9,400.00 | 6,840.00 | 6,816.84 | 6,814.96 | 98.79 | 2.25 | -89.12 | -1,399.06 | -230.85 | 4,097.02 | 4,055.48 | 41.54 | 98.618 | | |
| 9,500.00 | 6,840.00 | 6,816.42 | 6,814.54 | 101.28 | 2.25 | -89.05 | -1,399.06 | -230.85 | 4,196.58 | 4,154.99 | 41.59 | 100.913 | | |
| 9,600.00 | 6,840.00 | 6,815.99 | 6,814.11 | 103.79 | 2.25 | -88.99 | -1,399.07 | -230.85 | 4,296.15 | 4,254.52 | 41.63 | 103.205 | | |
| 9,700.00 | 6,840.00 | 6,815.56 | 6,813.68 | 106.30 | 2.25 | -88.93 | -1,399.08 | -230.85 | 4,395.75 | 4,354.08 | 41.67 | 105.492 | | |
| 9,800.00 | 6,840.00 | 6,815.13 | 6,813.25 | 108.83 | 2.24 | -88.87 | -1,399.09 | -230.85 | 4,495.36 | 4,453.65 | 41.71 | 107.776 | | |
| 9,900.00 | 6,840.00 | 6,814.69 | 6,812.81 | 111.37 | 2.24 | -88.80 | -1,399.10 | -230.86 | 4,594.99 | 4,553.23 | 41.75 | 110.056 | | |
| 10,000.00 | 6,840.00 | 6,814.26 | 6,812.38 | 113.91 | 2.24 | -88.74 | -1,399.11 | -230.86 | 4,694.63 | 4,652.84 | 41.79 | 112.332 | | |
| 10,100.00 | 6,840.00 | 6,813.81 | 6,811.94 | 116.47 | 2.24 | -88.67 | -1,399.12 | -230.86 | 4,794.29 | 4,752.45 | 41.83 | 114.604 | | |
| 10,200.00 | 6,840.00 | 6,813.37 | 6,811.49 | 119.03 | 2.24 | -88.61 | -1,399.13 | -230.86 | 4,893.96 | 4,852.09 | 41.87 | 116.871 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G 25-16 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,812.92 | 6,811.04 | 121.59 | 2.24 | -88.54 | -1,399.14 | -230.86 | 4,993.65 | 4,951.73 | 41.92 | 119.134 | | |
| 10,400.00 | 6,840.00 | 6,812.47 | 6,810.59 | 124.17 | 2.24 | -88.48 | -1,399.15 | -230.86 | 5,093.35 | 5,051.39 | 41.96 | 121.392 | | |
| 10,500.00 | 6,840.00 | 6,812.02 | 6,810.14 | 126.75 | 2.24 | -88.41 | -1,399.16 | -230.87 | 5,193.05 | 5,151.06 | 42.00 | 123.646 | | |
| 10,600.00 | 6,840.00 | 6,811.56 | 6,809.68 | 129.34 | 2.24 | -88.34 | -1,399.17 | -230.87 | 5,292.78 | 5,250.73 | 42.04 | 125.896 | | |
| 10,700.00 | 6,840.00 | 6,811.10 | 6,809.22 | 131.93 | 2.24 | -88.28 | -1,399.18 | -230.87 | 5,392.51 | 5,350.42 | 42.08 | 128.140 | | |
| 10,800.00 | 6,840.00 | 6,810.64 | 6,808.76 | 134.53 | 2.24 | -88.21 | -1,399.19 | -230.87 | 5,492.25 | 5,450.12 | 42.12 | 130.380 | | |
| 10,900.00 | 6,840.00 | 6,810.17 | 6,808.29 | 137.13 | 2.24 | -88.14 | -1,399.20 | -230.87 | 5,592.00 | 5,549.83 | 42.17 | 132.615 | | |
| 11,000.00 | 6,840.00 | 6,809.70 | 6,807.82 | 139.73 | 2.24 | -88.07 | -1,399.21 | -230.88 | 5,691.76 | 5,649.55 | 42.21 | 134.845 | | |
| 11,100.00 | 6,840.00 | 6,809.22 | 6,807.35 | 142.35 | 2.24 | -88.00 | -1,399.22 | -230.88 | 5,791.52 | 5,749.27 | 42.25 | 137.070 | | |
| 11,200.00 | 6,840.00 | 6,808.75 | 6,806.87 | 144.96 | 2.24 | -87.93 | -1,399.24 | -230.88 | 5,891.30 | 5,849.00 | 42.30 | 139.290 | | |
| 11,300.00 | 6,840.00 | 6,808.26 | 6,806.39 | 147.58 | 2.24 | -87.86 | -1,399.25 | -230.88 | 5,991.08 | 5,948.74 | 42.34 | 141.505 | | |
| 11,400.00 | 6,840.00 | 6,807.78 | 6,805.90 | 150.20 | 2.24 | -87.79 | -1,399.26 | -230.88 | 6,090.87 | 6,048.49 | 42.38 | 143.714 | | |
| 11,500.00 | 6,840.00 | 6,807.29 | 6,805.41 | 152.83 | 2.24 | -87.72 | -1,399.27 | -230.88 | 6,190.66 | 6,148.24 | 42.43 | 145.918 | | |
| 11,600.00 | 6,840.00 | 6,806.80 | 6,804.92 | 155.46 | 2.24 | -87.65 | -1,399.28 | -230.89 | 6,290.47 | 6,248.00 | 42.47 | 148.117 | | |
| 11,700.00 | 6,840.00 | 6,806.30 | 6,804.42 | 158.09 | 2.24 | -87.58 | -1,399.29 | -230.89 | 6,390.28 | 6,347.76 | 42.51 | 150.310 | | |
| 11,800.00 | 6,840.00 | 6,805.80 | 6,803.92 | 160.73 | 2.24 | -87.50 | -1,399.30 | -230.89 | 6,490.09 | 6,447.53 | 42.56 | 152.498 | | |
| 11,900.00 | 6,840.00 | 6,805.30 | 6,803.42 | 163.36 | 2.24 | -87.43 | -1,399.31 | -230.89 | 6,589.91 | 6,547.31 | 42.60 | 154.680 | | |
| 12,000.00 | 6,840.00 | 6,804.79 | 6,802.91 | 166.01 | 2.24 | -87.36 | -1,399.32 | -230.89 | 6,689.74 | 6,647.09 | 42.65 | 156.856 | | |
| 12,100.00 | 6,840.00 | 6,804.28 | 6,802.40 | 168.65 | 2.24 | -87.28 | -1,399.33 | -230.90 | 6,789.57 | 6,746.87 | 42.69 | 159.027 | | |
| 12,200.00 | 6,840.00 | 6,803.76 | 6,801.89 | 171.30 | 2.24 | -87.21 | -1,399.34 | -230.90 | 6,889.40 | 6,846.66 | 42.74 | 161.192 | | |
| 12,300.00 | 6,840.00 | 6,803.24 | 6,801.37 | 173.94 | 2.24 | -87.13 | -1,399.36 | -230.90 | 6,989.24 | 6,946.46 | 42.79 | 163.351 | | |
| 12,400.00 | 6,840.00 | 6,802.72 | 6,800.84 | 176.59 | 2.24 | -87.05 | -1,399.37 | -230.90 | 7,089.09 | 7,046.25 | 42.83 | 165.504 | | |
| 12,500.00 | 6,840.00 | 6,802.19 | 6,800.32 | 179.25 | 2.24 | -86.98 | -1,399.38 | -230.91 | 7,188.94 | 7,146.06 | 42.88 | 167.651 | | |
| 12,600.00 | 6,840.00 | 6,801.66 | 6,799.79 | 181.90 | 2.24 | -86.90 | -1,399.39 | -230.91 | 7,288.79 | 7,245.86 | 42.93 | 169.792 | | |
| 12,700.00 | 6,840.00 | 6,801.13 | 6,799.25 | 184.56 | 2.24 | -86.82 | -1,399.40 | -230.91 | 7,388.65 | 7,345.67 | 42.98 | 171.927 | | |
| 12,800.00 | 6,840.00 | 6,800.59 | 6,798.71 | 187.22 | 2.24 | -86.74 | -1,399.41 | -230.91 | 7,488.51 | 7,445.48 | 43.02 | 174.056 | | |
| 12,900.00 | 6,840.00 | 6,800.04 | 6,798.17 | 189.88 | 2.24 | -86.66 | -1,399.43 | -230.91 | 7,588.37 | 7,545.30 | 43.07 | 176.179 | | |
| 13,000.00 | 6,840.00 | 6,800.00 | 6,798.12 | 192.54 | 2.24 | -86.66 | -1,399.43 | -230.91 | 7,688.24 | 7,645.12 | 43.12 | 178.290 | | |
| 13,100.00 | 6,840.00 | 6,800.00 | 6,798.12 | 195.20 | 2.24 | -86.66 | -1,399.43 | -230.91 | 7,788.11 | 7,744.94 | 43.17 | 180.394 | | |
| 13,200.00 | 6,840.00 | 6,800.00 | 6,798.12 | 197.87 | 2.24 | -86.66 | -1,399.43 | -230.91 | 7,887.99 | 7,844.76 | 43.22 | 182.492 | | |
| 13,300.00 | 6,840.00 | 6,800.00 | 6,798.12 | 200.53 | 2.24 | -86.66 | -1,399.43 | -230.91 | 7,987.86 | 7,944.59 | 43.28 | 184.584 | | |
| 13,400.00 | 6,840.00 | 6,800.00 | 6,798.12 | 203.20 | 2.24 | -86.66 | -1,399.43 | -230.91 | 8,087.74 | 8,044.42 | 43.33 | 186.668 | | |
| 13,500.00 | 6,840.00 | 6,800.00 | 6,798.12 | 205.87 | 2.24 | -86.66 | -1,399.43 | -230.91 | 8,187.63 | 8,144.25 | 43.38 | 188.747 | | |
| 13,600.00 | 6,840.00 | 6,800.00 | 6,798.12 | 208.54 | 2.24 | -86.66 | -1,399.43 | -230.91 | 8,287.51 | 8,244.08 | 43.43 | 190.818 | | |
| 13,700.00 | 6,840.00 | 6,800.00 | 6,798.12 | 211.22 | 2.24 | -86.66 | -1,399.43 | -230.91 | 8,387.40 | 8,343.92 | 43.48 | 192.883 | | |
| 13,800.00 | 6,840.00 | 6,800.00 | 6,798.12 | 213.89 | 2.24 | -86.66 | -1,399.43 | -230.91 | 8,487.30 | 8,443.76 | 43.54 | 194.941 | | |
| 13,900.00 | 6,840.00 | 6,800.00 | 6,798.12 | 216.56 | 2.24 | -86.66 | -1,399.43 | -230.91 | 8,587.19 | 8,543.60 | 43.59 | 196.992 | | |
| 14,000.00 | 6,840.00 | 6,800.00 | 6,798.12 | 219.24 | 2.24 | -86.66 | -1,399.43 | -230.91 | 8,687.09 | 8,643.44 | 43.65 | 199.037 | | |
| 14,100.00 | 6,840.00 | 6,800.00 | 6,798.12 | 221.92 | 2.24 | -86.66 | -1,399.43 | -230.91 | 8,786.99 | 8,743.29 | 43.70 | 201.074 | | |
| 14,200.00 | 6,840.00 | 6,800.00 | 6,798.12 | 224.59 | 2.24 | -86.66 | -1,399.43 | -230.91 | 8,886.89 | 8,843.13 | 43.76 | 203.105 | | |
| 14,300.00 | 6,840.00 | 6,800.00 | 6,798.12 | 227.27 | 2.24 | -86.66 | -1,399.43 | -230.91 | 8,986.79 | 8,942.98 | 43.81 | 205.128 | | |
| 14,400.00 | 6,840.00 | 6,800.00 | 6,798.12 | 229.95 | 2.24 | -86.66 | -1,399.43 | -230.91 | 9,086.70 | 9,042.83 | 43.87 | 207.145 | | |
| 14,500.00 | 6,840.00 | 6,800.00 | 6,798.12 | 232.63 | 2.24 | -86.66 | -1,399.43 | -230.91 | 9,186.60 | 9,142.68 | 43.92 | 209.155 | | |
| 14,600.00 | 6,840.00 | 6,800.00 | 6,798.12 | 235.31 | 2.24 | -86.66 | -1,399.43 | -230.91 | 9,286.51 | 9,242.53 | 43.98 | 211.157 | | |
| 14,700.00 | 6,840.00 | 6,800.00 | 6,798.12 | 238.00 | 2.24 | -86.66 | -1,399.43 | -230.91 | 9,386.43 | 9,342.39 | 44.04 | 213.153 | | |
| 14,800.00 | 6,840.00 | 6,800.00 | 6,798.12 | 240.68 | 2.24 | -86.66 | -1,399.43 | -230.91 | 9,486.34 | 9,442.24 | 44.09 | 215.141 | | |
| 14,900.00 | 6,840.00 | 6,800.00 | 6,798.12 | 243.36 | 2.24 | -86.66 | -1,399.43 | -230.91 | 9,586.25 | 9,542.10 | 44.15 | 217.122 | | |
| 15,000.00 | 6,840.00 | 6,800.00 | 6,798.12 | 246.05 | 2.24 | -86.66 | -1,399.43 | -230.91 | 9,686.17 | 9,641.96 | 44.21 | 219.096 | | |
| 15,100.00 | 6,840.00 | 6,800.00 | 6,798.12 | 248.74 | 2.24 | -86.66 | -1,399.43 | -230.91 | 9,786.09 | 9,741.82 | 44.27 | 221.063 | | |
| 15,200.00 | 6,840.00 | 6,800.00 | 6,798.12 | 251.42 | 2.24 | -86.66 | -1,399.43 | -230.91 | 9,886.01 | 9,841.68 | 44.33 | 223.023 | | |
| 15,300.00 | 6,840.00 | 6,800.00 | 6,798.12 | 254.11 | 2.24 | -86.66 | -1,399.43 | -230.91 | 9,985.93 | 9,941.55 | 44.39 | 224.975 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G25-23 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -129.31 | -829.50 | -1,013.11 | 1,309.82 | | | | | |
| 100.00 | 100.00 | 69.05 | 69.05 | 0.13 | 0.12 | -129.31 | -829.43 | -1,013.07 | 1,309.30 | 1,309.04 | 0.26 | 5,067.956 | | |
| 200.00 | 200.00 | 169.16 | 169.16 | 0.49 | 0.43 | -129.30 | -829.13 | -1,012.94 | 1,309.01 | 1,308.09 | 0.92 | 1,424.217 | | |
| 300.00 | 300.00 | 267.75 | 267.75 | 0.85 | 0.78 | -129.29 | -828.78 | -1,012.99 | 1,308.83 | 1,307.20 | 1.63 | 803.402 | | |
| 400.00 | 400.00 | 367.38 | 367.38 | 1.21 | 1.13 | -129.27 | -828.42 | -1,013.15 | 1,308.72 | 1,306.38 | 2.34 | 558.598 | | |
| 500.00 | 500.00 | 466.81 | 466.81 | 1.57 | 1.49 | -129.25 | -828.00 | -1,013.37 | 1,308.63 | 1,305.57 | 3.06 | 428.201 | | |
| 600.00 | 599.98 | 564.07 | 564.06 | 1.92 | 1.83 | -13.46 | -827.69 | -1,013.65 | 1,306.95 | 1,303.20 | 3.75 | 348.875 | | |
| 700.00 | 699.84 | 664.37 | 664.37 | 2.26 | 2.18 | -13.53 | -827.62 | -1,013.95 | 1,302.05 | 1,297.61 | 4.44 | 293.100 | | |
| 800.00 | 799.45 | 766.61 | 766.61 | 2.62 | 2.55 | -13.64 | -827.29 | -1,014.24 | 1,293.59 | 1,288.43 | 5.16 | 250.860 | | |
| 900.00 | 898.70 | 862.68 | 862.67 | 2.99 | 2.89 | -13.81 | -827.00 | -1,014.42 | 1,281.70 | 1,275.85 | 5.85 | 218.976 | | |
| 1,000.00 | 997.47 | 960.35 | 960.34 | 3.39 | 3.23 | -14.03 | -826.95 | -1,014.82 | 1,266.78 | 1,260.23 | 6.56 | 193.146 | | |
| 1,100.00 | 1,095.62 | 1,060.24 | 1,060.24 | 3.81 | 3.59 | -14.33 | -826.78 | -1,015.18 | 1,248.44 | 1,241.16 | 7.28 | 171.508 | | |
| 1,200.00 | 1,193.06 | 1,158.82 | 1,158.81 | 4.27 | 3.94 | -14.68 | -826.45 | -1,015.54 | 1,226.68 | 1,218.68 | 8.00 | 153.289 | | |
| 1,300.00 | 1,289.64 | 1,254.59 | 1,254.58 | 4.77 | 4.29 | -15.09 | -826.00 | -1,015.95 | 1,201.64 | 1,192.92 | 8.72 | 137.767 | | |
| 1,400.00 | 1,385.27 | 1,348.04 | 1,348.03 | 5.31 | 4.62 | -15.57 | -825.52 | -1,016.58 | 1,173.53 | 1,164.09 | 9.44 | 124.300 | | |
| 1,500.00 | 1,479.82 | 1,442.53 | 1,442.51 | 5.91 | 4.96 | -16.14 | -825.03 | -1,017.42 | 1,142.41 | 1,132.23 | 10.17 | 112.309 | | |
| 1,600.00 | 1,573.19 | 1,537.33 | 1,537.30 | 6.55 | 5.30 | -16.77 | -824.34 | -1,018.27 | 1,108.11 | 1,097.19 | 10.92 | 101.503 | | |
| 1,700.00 | 1,666.16 | 1,631.04 | 1,631.00 | 7.23 | 5.63 | -17.27 | -823.60 | -1,019.15 | 1,072.84 | 1,061.19 | 11.66 | 92.048 | | |
| 1,800.00 | 1,759.13 | 1,726.48 | 1,726.44 | 7.93 | 5.98 | -17.82 | -822.68 | -1,019.94 | 1,037.47 | 1,025.06 | 12.41 | 83.608 | | |
| 1,900.00 | 1,852.10 | 1,820.04 | 1,819.99 | 8.64 | 6.31 | -18.39 | -821.77 | -1,020.57 | 1,002.07 | 988.90 | 13.17 | 76.109 | | |
| 2,000.00 | 1,945.06 | 1,912.98 | 1,912.93 | 9.35 | 6.64 | -19.02 | -821.01 | -1,021.05 | 966.76 | 952.82 | 13.93 | 69.391 | | |
| 2,100.00 | 2,038.03 | 2,006.95 | 2,006.90 | 10.08 | 6.98 | -19.71 | -820.24 | -1,021.49 | 931.52 | 916.81 | 14.71 | 63.324 | | |
| 2,200.00 | 2,131.00 | 2,106.16 | 2,106.10 | 10.81 | 7.33 | -20.48 | -819.08 | -1,021.71 | 896.02 | 880.51 | 15.51 | 57.775 | | |
| 2,300.00 | 2,223.97 | 2,197.72 | 2,197.65 | 11.54 | 7.66 | -21.25 | -817.76 | -1,021.84 | 860.43 | 844.12 | 16.30 | 52.784 | | |
| 2,400.00 | 2,316.94 | 2,291.43 | 2,291.34 | 12.28 | 7.99 | -22.08 | -816.18 | -1,022.19 | 824.97 | 807.86 | 17.11 | 48.216 | | |
| 2,500.00 | 2,409.90 | 2,379.35 | 2,379.25 | 13.02 | 8.31 | -22.90 | -814.58 | -1,022.93 | 789.88 | 771.95 | 17.92 | 44.068 | | |
| 2,600.00 | 2,502.87 | 2,475.28 | 2,475.16 | 13.77 | 8.65 | -23.86 | -812.96 | -1,023.98 | 755.22 | 736.45 | 18.77 | 40.246 | | |
| 2,700.00 | 2,595.84 | 2,573.28 | 2,573.14 | 14.51 | 9.00 | -24.97 | -811.05 | -1,024.37 | 720.14 | 700.51 | 19.62 | 36.698 | | |
| 2,800.00 | 2,688.81 | 2,667.21 | 2,667.04 | 15.26 | 9.34 | -26.17 | -809.01 | -1,024.23 | 684.82 | 664.32 | 20.50 | 33.409 | | |
| 2,900.00 | 2,781.77 | 2,757.62 | 2,757.43 | 16.01 | 9.66 | -27.41 | -806.90 | -1,024.40 | 649.85 | 628.46 | 21.40 | 30.373 | | |
| 3,000.00 | 2,874.74 | 2,851.48 | 2,851.26 | 16.76 | 9.99 | -28.81 | -804.74 | -1,024.98 | 615.49 | 593.17 | 22.32 | 27.574 | | |
| 3,100.00 | 2,967.71 | 2,945.42 | 2,945.17 | 17.52 | 10.33 | -30.42 | -802.45 | -1,024.94 | 581.02 | 557.74 | 23.28 | 24.954 | | |
| 3,200.00 | 3,060.68 | 3,040.10 | 3,039.82 | 18.27 | 10.67 | -32.19 | -799.86 | -1,025.38 | 547.04 | 522.76 | 24.28 | 22.531 | | |
| 3,300.00 | 3,153.65 | 3,136.92 | 3,136.57 | 19.03 | 11.01 | -34.18 | -796.19 | -1,025.63 | 512.65 | 487.34 | 25.31 | 20.252 | | |
| 3,400.00 | 3,246.61 | 3,227.72 | 3,227.29 | 19.78 | 11.34 | -36.32 | -792.64 | -1,025.76 | 478.70 | 452.28 | 26.42 | 18.120 | | |
| 3,500.00 | 3,339.58 | 3,316.59 | 3,316.13 | 20.54 | 11.65 | -38.76 | -789.89 | -1,025.80 | 446.10 | 418.49 | 27.61 | 16.159 | | |
| 3,600.00 | 3,432.55 | 3,407.40 | 3,406.91 | 21.30 | 11.98 | -41.71 | -787.85 | -1,025.42 | 414.98 | 386.09 | 28.89 | 14.364 | | |
| 3,700.00 | 3,525.52 | 3,496.58 | 3,496.07 | 22.06 | 12.29 | -45.12 | -786.62 | -1,024.68 | 385.73 | 355.44 | 30.29 | 12.736 | | |
| 3,800.00 | 3,618.49 | 3,586.77 | 3,586.26 | 22.82 | 12.60 | -49.11 | -786.11 | -1,023.87 | 358.84 | 327.04 | 31.80 | 11.285 | | |
| 3,900.00 | 3,711.45 | 3,677.75 | 3,677.24 | 23.57 | 12.90 | -53.69 | -786.12 | -1,023.10 | 334.62 | 301.20 | 33.42 | 10.013 | | |
| 4,000.00 | 3,804.42 | 3,769.51 | 3,769.00 | 24.33 | 13.21 | -58.90 | -786.49 | -1,022.46 | 313.41 | 278.28 | 35.13 | 8.921 | | |
| 4,100.00 | 3,897.39 | 3,861.80 | 3,861.29 | 25.09 | 13.51 | -64.72 | -787.07 | -1,022.03 | 295.61 | 258.71 | 36.90 | 8.012 | | |
| 4,200.00 | 3,990.36 | 3,954.19 | 3,953.67 | 25.86 | 13.82 | -71.11 | -787.83 | -1,021.66 | 281.73 | 243.09 | 38.65 | 7.290 | | |
| 4,300.00 | 4,083.32 | 4,047.72 | 4,047.19 | 26.62 | 14.13 | -77.99 | -788.73 | -1,021.62 | 272.23 | 231.94 | 40.29 | 6.757 | | |
| 4,400.00 | 4,176.29 | 4,141.62 | 4,141.09 | 27.38 | 14.44 | -85.19 | -789.37 | -1,021.90 | 267.05 | 225.32 | 41.73 | 6.399 | | |
| 4,457.24 | 4,229.50 | 4,194.92 | 4,194.39 | 27.81 | 14.62 | -89.35 | -789.70 | -1,022.08 | 266.24 | 223.81 | 42.43 | 6.275 CC | | |
| 4,500.00 | 4,269.26 | 4,236.02 | 4,235.49 | 28.14 | 14.76 | -92.55 | -789.90 | -1,022.31 | 266.61 | 223.71 | 42.89 | 6.216 ES | | |
| 4,600.00 | 4,362.23 | 4,331.28 | 4,330.74 | 28.90 | 15.09 | -99.78 | -789.96 | -1,023.64 | 270.14 | 226.39 | 43.75 | 6.175 SF | | |
| 4,700.00 | 4,455.20 | 4,423.76 | 4,423.21 | 29.66 | 15.42 | -106.45 | -790.35 | -1,025.24 | 278.26 | 233.95 | 44.30 | 6.281 | | |
| 4,800.00 | 4,548.16 | 4,517.33 | 4,516.76 | 30.43 | 15.74 | -112.76 | -790.93 | -1,026.77 | 290.65 | 246.02 | 44.63 | 6.513 | | |
| 4,900.00 | 4,641.13 | 4,612.67 | 4,612.09 | 31.19 | 16.08 | -118.77 | -790.83 | -1,028.20 | 306.32 | 261.53 | 44.79 | 6.839 | | |
| 5,000.00 | 4,734.10 | 4,708.45 | 4,707.84 | 31.95 | 16.42 | -124.42 | -789.37 | -1,029.60 | 324.56 | 279.72 | 44.83 | 7.239 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G25-23 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,798.67 | 4,798.04 | 32.71 | 16.74 | -129.33 | -787.22 | -1,030.43 | 345.80 | 301.04 | 44.76 | 7.725 | | |
| 5,200.00 | 4,920.04 | 4,889.98 | 4,889.31 | 33.48 | 17.07 | -133.86 | -784.61 | -1,030.59 | 370.07 | 325.39 | 44.68 | 8.282 | | |
| 5,300.00 | 5,013.00 | 4,977.50 | 4,976.78 | 34.24 | 17.38 | -137.79 | -781.75 | -1,029.95 | 397.21 | 352.63 | 44.58 | 8.909 | | |
| 5,400.00 | 5,105.97 | 5,068.02 | 5,067.24 | 35.00 | 17.70 | -141.39 | -778.82 | -1,028.41 | 427.05 | 382.47 | 44.58 | 9.580 | | |
| 5,500.00 | 5,198.94 | 5,158.57 | 5,157.73 | 35.77 | 18.01 | -144.53 | -775.96 | -1,026.78 | 458.47 | 413.82 | 44.65 | 10.267 | | |
| 5,600.00 | 5,291.91 | 5,249.99 | 5,249.08 | 36.53 | 18.34 | -147.33 | -773.03 | -1,024.83 | 491.38 | 446.57 | 44.81 | 10.965 | | |
| 5,700.00 | 5,384.87 | 5,339.57 | 5,338.62 | 37.29 | 18.65 | -149.69 | -770.70 | -1,023.00 | 525.21 | 480.18 | 45.04 | 11.662 | | |
| 5,800.00 | 5,477.84 | 5,425.69 | 5,424.66 | 38.06 | 18.95 | -151.67 | -768.67 | -1,020.39 | 560.71 | 515.44 | 45.27 | 12.386 | | |
| 5,900.00 | 5,570.81 | 5,516.00 | 5,514.91 | 38.82 | 19.27 | -153.44 | -767.36 | -1,017.13 | 597.32 | 551.69 | 45.64 | 13.088 | | |
| 6,000.00 | 5,663.78 | 5,611.95 | 5,610.80 | 39.59 | 19.60 | -154.99 | -767.12 | -1,013.90 | 634.12 | 587.97 | 46.15 | 13.740 | | |
| 6,100.00 | 5,756.75 | 5,712.23 | 5,711.05 | 40.35 | 19.94 | -156.34 | -767.87 | -1,011.47 | 670.34 | 623.57 | 46.77 | 14.333 | | |
| 6,200.00 | 5,849.71 | 5,815.17 | 5,813.97 | 41.12 | 20.28 | -157.54 | -769.16 | -1,010.34 | 705.54 | 658.10 | 47.44 | 14.871 | | |
| 6,300.00 | 5,942.68 | 5,910.42 | 5,909.22 | 41.88 | 20.60 | -158.60 | -769.77 | -1,010.12 | 740.21 | 692.18 | 48.02 | 15.414 | | |
| 6,400.00 | 6,035.65 | 6,007.86 | 6,006.65 | 42.64 | 20.93 | -159.56 | -770.72 | -1,010.37 | 774.58 | 725.93 | 48.65 | 15.921 | | |
| 6,500.00 | 6,128.62 | 6,094.37 | 6,093.16 | 43.41 | 21.23 | -160.35 | -771.45 | -1,010.43 | 809.30 | 760.13 | 49.17 | 16.460 | | |
| 6,600.00 | 6,221.59 | 6,191.97 | 6,190.76 | 44.17 | 21.56 | -161.20 | -771.67 | -1,010.46 | 844.28 | 794.47 | 49.82 | 16.947 | | |
| 6,700.00 | 6,314.55 | 6,286.10 | 6,284.89 | 44.94 | 21.88 | -161.96 | -772.09 | -1,010.82 | 879.05 | 828.60 | 50.45 | 17.425 | | |
| 6,800.00 | 6,407.52 | 6,381.11 | 6,379.90 | 45.70 | 22.21 | -162.63 | -772.86 | -1,011.26 | 913.81 | 862.71 | 51.10 | 17.883 | | |
| 6,900.00 | 6,499.98 | 6,472.75 | 6,471.53 | 46.49 | 22.52 | -167.65 | -773.72 | -1,011.74 | 949.94 | 898.20 | 51.73 | 18.362 | | |
| 7,000.00 | 6,586.50 | 6,558.49 | 6,557.27 | 47.49 | 22.82 | -175.30 | -774.48 | -1,012.06 | 998.99 | 946.59 | 52.40 | 19.064 | | |
| 7,100.00 | 6,663.58 | 6,635.79 | 6,634.57 | 48.75 | 23.08 | -179.33 | -775.07 | -1,012.31 | 1,062.12 | 1,009.06 | 53.06 | 20.016 | | |
| 7,200.00 | 6,728.87 | 6,701.99 | 6,700.77 | 50.23 | 23.31 | -174.37 | -775.57 | -1,012.55 | 1,137.33 | 1,083.66 | 53.67 | 21.190 | | |
| 7,300.00 | 6,780.38 | 6,751.09 | 6,749.86 | 51.91 | 23.48 | -168.07 | -775.93 | -1,012.68 | 1,222.44 | 1,168.29 | 54.15 | 22.575 | | |
| 7,400.00 | 6,816.56 | 6,785.43 | 6,784.21 | 53.74 | 23.59 | -156.87 | -776.18 | -1,012.71 | 1,314.92 | 1,260.41 | 54.51 | 24.123 | | |
| 7,500.00 | 6,836.29 | 6,804.41 | 6,803.18 | 55.65 | 23.66 | -128.47 | -776.31 | -1,012.71 | 1,411.97 | 1,357.23 | 54.74 | 25.795 | | |
| 7,600.00 | 6,840.00 | 6,808.20 | 6,806.97 | 57.58 | 23.67 | -90.24 | -776.34 | -1,012.70 | 1,510.71 | 1,455.86 | 54.85 | 27.544 | | |
| 7,700.00 | 6,840.00 | 6,808.16 | 6,806.93 | 59.56 | 23.67 | -90.23 | -776.34 | -1,012.70 | 1,609.64 | 1,554.72 | 54.92 | 29.308 | | |
| 7,800.00 | 6,840.00 | 6,808.12 | 6,806.89 | 61.60 | 23.67 | -90.22 | -776.34 | -1,012.70 | 1,708.69 | 1,653.70 | 54.99 | 31.073 | | |
| 7,900.00 | 6,840.00 | 6,808.07 | 6,806.85 | 63.69 | 23.67 | -90.21 | -776.34 | -1,012.70 | 1,807.85 | 1,752.79 | 55.05 | 32.838 | | |
| 8,000.00 | 6,840.00 | 6,808.03 | 6,806.80 | 65.82 | 23.67 | -90.20 | -776.34 | -1,012.70 | 1,907.09 | 1,851.98 | 55.12 | 34.602 | | |
| 8,100.00 | 6,840.00 | 6,807.99 | 6,806.76 | 67.99 | 23.67 | -90.19 | -776.34 | -1,012.70 | 2,006.41 | 1,951.24 | 55.17 | 36.365 | | |
| 8,200.00 | 6,840.00 | 6,807.95 | 6,806.72 | 70.21 | 23.67 | -90.18 | -776.34 | -1,012.70 | 2,105.80 | 2,050.57 | 55.23 | 38.128 | | |
| 8,300.00 | 6,840.00 | 6,807.90 | 6,806.67 | 72.45 | 23.67 | -90.17 | -776.34 | -1,012.70 | 2,205.24 | 2,149.96 | 55.28 | 39.889 | | |
| 8,400.00 | 6,840.00 | 6,807.86 | 6,806.63 | 74.73 | 23.67 | -90.16 | -776.34 | -1,012.70 | 2,304.73 | 2,249.39 | 55.34 | 41.650 | | |
| 8,500.00 | 6,840.00 | 6,807.82 | 6,806.59 | 77.04 | 23.67 | -90.15 | -776.34 | -1,012.70 | 2,404.26 | 2,348.87 | 55.39 | 43.408 | | |
| 8,600.00 | 6,840.00 | 6,807.77 | 6,806.54 | 79.38 | 23.67 | -90.14 | -776.34 | -1,012.70 | 2,503.83 | 2,448.39 | 55.44 | 45.165 | | |
| 8,700.00 | 6,840.00 | 6,807.73 | 6,806.50 | 81.74 | 23.67 | -90.13 | -776.34 | -1,012.70 | 2,603.43 | 2,547.95 | 55.49 | 46.921 | | |
| 8,800.00 | 6,840.00 | 6,807.68 | 6,806.46 | 84.12 | 23.67 | -90.11 | -776.34 | -1,012.70 | 2,703.06 | 2,647.53 | 55.53 | 48.674 | | |
| 8,900.00 | 6,840.00 | 6,807.64 | 6,806.41 | 86.52 | 23.67 | -90.10 | -776.34 | -1,012.70 | 2,802.72 | 2,747.14 | 55.58 | 50.426 | | |
| 9,000.00 | 6,840.00 | 6,807.59 | 6,806.37 | 88.94 | 23.67 | -90.09 | -776.34 | -1,012.70 | 2,902.40 | 2,846.77 | 55.63 | 52.176 | | |
| 9,100.00 | 6,840.00 | 6,807.55 | 6,806.32 | 91.38 | 23.67 | -90.08 | -776.34 | -1,012.70 | 3,002.10 | 2,946.43 | 55.67 | 53.923 | | |
| 9,200.00 | 6,840.00 | 6,807.50 | 6,806.28 | 93.83 | 23.67 | -90.07 | -776.33 | -1,012.70 | 3,101.83 | 3,046.11 | 55.72 | 55.668 | | |
| 9,300.00 | 6,840.00 | 6,807.46 | 6,806.23 | 96.30 | 23.67 | -90.06 | -776.33 | -1,012.70 | 3,201.56 | 3,145.80 | 55.77 | 57.411 | | |
| 9,400.00 | 6,840.00 | 6,807.41 | 6,806.18 | 98.79 | 23.67 | -90.05 | -776.33 | -1,012.70 | 3,301.32 | 3,245.51 | 55.81 | 59.152 | | |
| 9,500.00 | 6,840.00 | 6,807.37 | 6,806.14 | 101.28 | 23.67 | -90.03 | -776.33 | -1,012.70 | 3,401.09 | 3,345.23 | 55.86 | 60.890 | | |
| 9,600.00 | 6,840.00 | 6,807.32 | 6,806.09 | 103.79 | 23.67 | -90.02 | -776.33 | -1,012.70 | 3,500.87 | 3,444.97 | 55.90 | 62.625 | | |
| 9,700.00 | 6,840.00 | 6,807.27 | 6,806.05 | 106.30 | 23.67 | -90.01 | -776.33 | -1,012.70 | 3,600.66 | 3,544.72 | 55.95 | 64.358 | | |
| 9,800.00 | 6,840.00 | 6,807.23 | 6,806.00 | 108.83 | 23.67 | -90.00 | -776.33 | -1,012.70 | 3,700.47 | 3,644.48 | 55.99 | 66.088 | | |
| 9,900.00 | 6,840.00 | 6,807.18 | 6,805.95 | 111.37 | 23.67 | -89.99 | -776.33 | -1,012.70 | 3,800.29 | 3,744.25 | 56.04 | 67.815 | | |
| 10,000.00 | 6,840.00 | 6,807.13 | 6,805.91 | 113.91 | 23.67 | -89.98 | -776.33 | -1,012.70 | 3,900.11 | 3,844.03 | 56.08 | 69.540 | | |
| 10,100.00 | 6,840.00 | 6,807.09 | 6,805.86 | 116.47 | 23.67 | -89.96 | -776.33 | -1,012.70 | 3,999.94 | 3,943.81 | 56.13 | 71.261 | | |
| 10,200.00 | 6,840.00 | 6,807.04 | 6,805.81 | 119.03 | 23.67 | -89.95 | -776.33 | -1,012.70 | 4,099.79 | 4,043.61 | 56.18 | 72.980 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G25-23 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,806.99 | 6,805.76 | 121.59 | 23.67 | 89.94 | -776.33 | -1,012.70 | 4,199.64 | 4,143.41 | 56.22 | 74.695 | | |
| 10,400.00 | 6,840.00 | 6,806.94 | 6,805.71 | 124.17 | 23.67 | 89.93 | -776.33 | -1,012.70 | 4,299.49 | 4,243.22 | 56.27 | 76.408 | | |
| 10,500.00 | 6,840.00 | 6,806.89 | 6,805.67 | 126.75 | 23.67 | 89.92 | -776.33 | -1,012.70 | 4,399.35 | 4,343.04 | 56.32 | 78.117 | | |
| 10,600.00 | 6,840.00 | 6,806.85 | 6,805.62 | 129.34 | 23.67 | 89.90 | -776.33 | -1,012.70 | 4,499.22 | 4,442.86 | 56.36 | 79.824 | | |
| 10,700.00 | 6,840.00 | 6,806.80 | 6,805.57 | 131.93 | 23.67 | 89.89 | -776.33 | -1,012.70 | 4,599.10 | 4,542.69 | 56.41 | 81.526 | | |
| 10,800.00 | 6,840.00 | 6,806.75 | 6,805.52 | 134.53 | 23.67 | 89.88 | -776.33 | -1,012.70 | 4,698.98 | 4,642.52 | 56.46 | 83.226 | | |
| 10,900.00 | 6,840.00 | 6,806.70 | 6,805.47 | 137.13 | 23.67 | 89.87 | -776.33 | -1,012.71 | 4,798.86 | 4,742.35 | 56.51 | 84.922 | | |
| 11,000.00 | 6,840.00 | 6,806.65 | 6,805.42 | 139.73 | 23.67 | 89.85 | -776.33 | -1,012.71 | 4,898.75 | 4,842.20 | 56.56 | 86.615 | | |
| 11,100.00 | 6,840.00 | 6,806.60 | 6,805.37 | 142.35 | 23.67 | 89.84 | -776.33 | -1,012.71 | 4,998.65 | 4,942.04 | 56.61 | 88.305 | | |
| 11,200.00 | 6,840.00 | 6,806.55 | 6,805.32 | 144.96 | 23.67 | 89.83 | -776.33 | -1,012.71 | 5,098.55 | 5,041.89 | 56.66 | 89.990 | | |
| 11,300.00 | 6,840.00 | 6,806.50 | 6,805.27 | 147.58 | 23.67 | 89.82 | -776.33 | -1,012.71 | 5,198.45 | 5,141.74 | 56.71 | 91.673 | | |
| 11,400.00 | 6,840.00 | 6,806.45 | 6,805.22 | 150.20 | 23.67 | 89.80 | -776.33 | -1,012.71 | 5,298.35 | 5,241.60 | 56.76 | 93.351 | | |
| 11,500.00 | 6,840.00 | 6,806.40 | 6,805.17 | 152.83 | 23.67 | 89.79 | -776.33 | -1,012.71 | 5,398.26 | 5,341.46 | 56.81 | 95.026 | | |
| 11,600.00 | 6,840.00 | 6,806.34 | 6,805.12 | 155.46 | 23.67 | 89.78 | -776.33 | -1,012.71 | 5,498.18 | 5,441.32 | 56.86 | 96.698 | | |
| 11,700.00 | 6,840.00 | 6,806.29 | 6,805.06 | 158.09 | 23.67 | 89.76 | -776.33 | -1,012.71 | 5,598.09 | 5,541.18 | 56.91 | 98.365 | | |
| 11,800.00 | 6,840.00 | 6,806.24 | 6,805.01 | 160.73 | 23.67 | 89.75 | -776.33 | -1,012.71 | 5,698.01 | 5,641.05 | 56.96 | 100.029 | | |
| 11,900.00 | 6,840.00 | 6,806.19 | 6,804.96 | 163.36 | 23.67 | 89.74 | -776.33 | -1,012.71 | 5,797.93 | 5,740.92 | 57.02 | 101.689 | | |
| 12,000.00 | 6,840.00 | 6,806.14 | 6,804.91 | 166.01 | 23.67 | 89.72 | -776.33 | -1,012.71 | 5,897.86 | 5,840.79 | 57.07 | 103.345 | | |
| 12,100.00 | 6,840.00 | 6,806.08 | 6,804.85 | 168.65 | 23.67 | 89.71 | -776.32 | -1,012.71 | 5,997.78 | 5,940.66 | 57.12 | 104.997 | | |
| 12,200.00 | 6,840.00 | 6,806.03 | 6,804.80 | 171.30 | 23.67 | 89.70 | -776.32 | -1,012.71 | 6,097.71 | 6,040.54 | 57.18 | 106.645 | | |
| 12,300.00 | 6,840.00 | 6,805.98 | 6,804.75 | 173.94 | 23.67 | 89.68 | -776.32 | -1,012.71 | 6,197.64 | 6,140.41 | 57.23 | 108.290 | | |
| 12,400.00 | 6,840.00 | 6,805.92 | 6,804.69 | 176.59 | 23.67 | 89.67 | -776.32 | -1,012.71 | 6,297.58 | 6,240.29 | 57.29 | 109.930 | | |
| 12,500.00 | 6,840.00 | 6,805.87 | 6,804.64 | 179.25 | 23.66 | 89.66 | -776.32 | -1,012.71 | 6,397.51 | 6,340.17 | 57.34 | 111.566 | | |
| 12,600.00 | 6,840.00 | 6,805.81 | 6,804.58 | 181.90 | 23.66 | 89.64 | -776.32 | -1,012.71 | 6,497.45 | 6,440.05 | 57.40 | 113.198 | | |
| 12,700.00 | 6,840.00 | 6,805.76 | 6,804.53 | 184.56 | 23.66 | 89.63 | -776.32 | -1,012.71 | 6,597.39 | 6,539.93 | 57.46 | 114.826 | | |
| 12,800.00 | 6,840.00 | 6,805.70 | 6,804.48 | 187.22 | 23.66 | 89.62 | -776.32 | -1,012.71 | 6,697.33 | 6,639.82 | 57.51 | 116.449 | | |
| 12,900.00 | 6,840.00 | 6,805.65 | 6,804.42 | 189.88 | 23.66 | 89.60 | -776.32 | -1,012.71 | 6,797.27 | 6,739.70 | 57.57 | 118.069 | | |
| 13,000.00 | 6,840.00 | 6,805.59 | 6,804.36 | 192.54 | 23.66 | 89.59 | -776.32 | -1,012.71 | 6,897.22 | 6,839.59 | 57.63 | 119.684 | | |
| 13,100.00 | 6,840.00 | 6,805.54 | 6,804.31 | 195.20 | 23.66 | 89.57 | -776.32 | -1,012.71 | 6,997.17 | 6,939.48 | 57.69 | 121.295 | | |
| 13,200.00 | 6,840.00 | 6,805.48 | 6,804.25 | 197.87 | 23.66 | 89.56 | -776.32 | -1,012.71 | 7,097.11 | 7,039.37 | 57.75 | 122.901 | | |
| 13,300.00 | 6,840.00 | 6,805.42 | 6,804.20 | 200.53 | 23.66 | 89.55 | -776.32 | -1,012.71 | 7,197.06 | 7,139.26 | 57.81 | 124.503 | | |
| 13,400.00 | 6,840.00 | 6,805.37 | 6,804.14 | 203.20 | 23.66 | 89.53 | -776.32 | -1,012.71 | 7,297.01 | 7,239.15 | 57.87 | 126.101 | | |
| 13,500.00 | 6,840.00 | 6,805.31 | 6,804.08 | 205.87 | 23.66 | 89.52 | -776.32 | -1,012.71 | 7,396.97 | 7,339.04 | 57.93 | 127.695 | | |
| 13,600.00 | 6,840.00 | 6,805.25 | 6,804.02 | 208.54 | 23.66 | 89.50 | -776.32 | -1,012.71 | 7,496.92 | 7,438.93 | 57.99 | 129.284 | | |
| 13,700.00 | 6,840.00 | 6,805.19 | 6,803.97 | 211.22 | 23.66 | 89.49 | -776.32 | -1,012.71 | 7,596.87 | 7,538.82 | 58.05 | 130.868 | | |
| 13,800.00 | 6,840.00 | 6,805.14 | 6,803.91 | 213.89 | 23.66 | 89.47 | -776.32 | -1,012.71 | 7,696.83 | 7,638.72 | 58.11 | 132.448 | | |
| 13,900.00 | 6,840.00 | 6,805.08 | 6,803.85 | 216.56 | 23.66 | 89.46 | -776.32 | -1,012.71 | 7,796.79 | 7,738.61 | 58.17 | 134.024 | | |
| 14,000.00 | 6,840.00 | 6,805.02 | 6,803.79 | 219.24 | 23.66 | 89.44 | -776.32 | -1,012.71 | 7,896.74 | 7,838.51 | 58.24 | 135.595 | | |
| 14,100.00 | 6,840.00 | 6,804.96 | 6,803.73 | 221.92 | 23.66 | 89.43 | -776.32 | -1,012.71 | 7,996.70 | 7,938.40 | 58.30 | 137.161 | | |
| 14,200.00 | 6,840.00 | 6,804.90 | 6,803.67 | 224.59 | 23.66 | 89.41 | -776.32 | -1,012.71 | 8,096.66 | 8,038.30 | 58.37 | 138.723 | | |
| 14,300.00 | 6,840.00 | 6,804.84 | 6,803.61 | 227.27 | 23.66 | 89.40 | -776.32 | -1,012.71 | 8,196.62 | 8,138.19 | 58.43 | 140.280 | | |
| 14,400.00 | 6,840.00 | 6,804.78 | 6,803.55 | 229.95 | 23.66 | 89.38 | -776.32 | -1,012.71 | 8,296.59 | 8,238.09 | 58.50 | 141.833 | | |
| 14,500.00 | 6,840.00 | 6,804.72 | 6,803.49 | 232.63 | 23.66 | 89.37 | -776.32 | -1,012.71 | 8,396.55 | 8,337.99 | 58.56 | 143.381 | | |
| 14,600.00 | 6,840.00 | 6,804.66 | 6,803.43 | 235.31 | 23.66 | 89.35 | -776.32 | -1,012.71 | 8,496.51 | 8,437.88 | 58.63 | 144.924 | | |
| 14,700.00 | 6,840.00 | 6,804.60 | 6,803.37 | 238.00 | 23.66 | 89.34 | -776.31 | -1,012.71 | 8,596.48 | 8,537.78 | 58.69 | 146.463 | | |
| 14,800.00 | 6,840.00 | 6,804.53 | 6,803.30 | 240.68 | 23.66 | 89.32 | -776.31 | -1,012.71 | 8,696.44 | 8,637.68 | 58.76 | 147.997 | | |
| 14,900.00 | 6,840.00 | 6,804.47 | 6,803.24 | 243.36 | 23.66 | 89.31 | -776.31 | -1,012.71 | 8,796.41 | 8,737.58 | 58.83 | 149.526 | | |
| 15,000.00 | 6,840.00 | 6,804.41 | 6,803.18 | 246.05 | 23.66 | 89.29 | -776.31 | -1,012.71 | 8,896.37 | 8,837.48 | 58.90 | 151.050 | | |
| 15,100.00 | 6,840.00 | 6,804.35 | 6,803.12 | 248.74 | 23.66 | 89.27 | -776.31 | -1,012.71 | 8,996.34 | 8,937.38 | 58.97 | 152.570 | | |
| 15,200.00 | 6,840.00 | 6,804.28 | 6,803.05 | 251.42 | 23.66 | 89.26 | -776.31 | -1,012.71 | 9,096.31 | 9,037.28 | 59.03 | 154.084 | | |
| 15,300.00 | 6,840.00 | 6,804.22 | 6,802.99 | 254.11 | 23.66 | 89.24 | -776.31 | -1,012.71 | 9,196.28 | 9,137.18 | 59.10 | 155.594 | | |
| 15,400.00 | 6,840.00 | 6,804.15 | 6,802.92 | 256.80 | 23.66 | 89.23 | -776.31 | -1,012.71 | 9,296.25 | 9,237.08 | 59.17 | 157.099 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G25-23 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 100-MWD OWSG | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 15,500.00 | 6,840.00 | 6,804.09 | 6,802.86 | 259.49 | 23.66 | 89.21 | -776.31 | -1,012.71 | 9,396.22 | 9,336.98 | 59.24 | 158.600 | |
| 15,600.00 | 6,840.00 | 6,804.02 | 6,802.80 | 262.17 | 23.66 | 89.19 | -776.31 | -1,012.71 | 9,496.19 | 9,436.88 | 59.32 | 160.095 | |
| 15,700.00 | 6,840.00 | 6,803.96 | 6,802.73 | 264.86 | 23.66 | 89.18 | -776.31 | -1,012.71 | 9,596.16 | 9,536.78 | 59.39 | 161.586 | |
| 15,800.00 | 6,840.00 | 6,803.89 | 6,802.66 | 267.55 | 23.66 | 89.16 | -776.31 | -1,012.71 | 9,696.13 | 9,636.68 | 59.46 | 163.071 | |
| 15,900.00 | 6,840.00 | 6,803.83 | 6,802.60 | 270.25 | 23.66 | 89.14 | -776.31 | -1,012.71 | 9,796.11 | 9,736.58 | 59.53 | 164.552 | |
| 16,000.00 | 6,840.00 | 6,803.76 | 6,802.53 | 272.94 | 23.66 | 89.13 | -776.31 | -1,012.71 | 9,896.08 | 9,836.48 | 59.60 | 166.028 | |
| 16,100.00 | 6,840.00 | 6,803.69 | 6,802.46 | 275.63 | 23.66 | 89.11 | -776.31 | -1,012.71 | 9,996.05 | 9,936.38 | 59.68 | 167.499 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G25-9 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -132.87 | -173.78 | -187.22 | 256.39 | | | | | |
| 100.00 | 100.00 | 76.35 | 76.35 | 0.13 | 0.08 | -132.88 | -173.99 | -187.36 | 255.69 | 255.48 | 0.22 | 1,182.208 | | |
| 200.00 | 200.00 | 175.98 | 175.97 | 0.49 | 0.21 | -132.91 | -174.64 | -187.84 | 256.50 | 255.80 | 0.70 | 366.446 | | |
| 300.00 | 300.00 | 276.62 | 276.61 | 0.85 | 0.30 | -132.94 | -175.19 | -188.28 | 257.18 | 256.03 | 1.15 | 223.124 | | |
| 400.00 | 400.00 | 376.35 | 376.34 | 1.21 | 0.37 | -132.98 | -175.70 | -188.54 | 257.72 | 256.14 | 1.58 | 162.879 | | |
| 500.00 | 500.00 | 476.41 | 476.40 | 1.57 | 0.44 | -133.00 | -176.22 | -188.96 | 258.38 | 256.38 | 2.00 | 128.905 | | |
| 600.00 | 599.98 | 576.52 | 576.50 | 1.92 | 0.50 | -17.33 | -176.63 | -189.38 | 257.31 | 254.90 | 2.41 | 106.798 | | |
| 700.00 | 699.84 | 677.73 | 677.71 | 2.26 | 0.52 | -17.72 | -176.91 | -189.64 | 252.68 | 249.91 | 2.78 | 90.965 | | |
| 800.00 | 799.45 | 776.64 | 776.63 | 2.62 | 0.54 | -18.43 | -177.10 | -189.57 | 244.48 | 241.34 | 3.15 | 77.697 | | |
| 900.00 | 898.70 | 876.56 | 876.55 | 2.99 | 0.55 | -19.47 | -177.33 | -189.77 | 233.25 | 229.73 | 3.52 | 66.317 | | |
| 1,000.00 | 997.47 | 975.02 | 975.01 | 3.39 | 0.57 | -20.91 | -177.31 | -189.87 | 218.60 | 214.70 | 3.89 | 56.125 | | |
| 1,100.00 | 1,095.62 | 1,072.94 | 1,072.92 | 3.81 | 0.60 | -22.97 | -177.51 | -190.08 | 201.15 | 196.85 | 4.31 | 46.709 | | |
| 1,200.00 | 1,193.06 | 1,170.43 | 1,170.42 | 4.27 | 0.65 | -25.91 | -177.76 | -190.34 | 180.93 | 176.20 | 4.73 | 38.215 | | |
| 1,300.00 | 1,289.64 | 1,267.11 | 1,267.10 | 4.77 | 0.68 | -30.16 | -177.92 | -190.66 | 158.24 | 153.06 | 5.18 | 30.559 | | |
| 1,400.00 | 1,385.27 | 1,362.81 | 1,362.79 | 5.31 | 0.71 | -36.72 | -178.28 | -190.74 | 133.83 | 128.16 | 5.68 | 23.579 | | |
| 1,500.00 | 1,479.82 | 1,457.74 | 1,457.73 | 5.91 | 0.74 | -47.01 | -178.44 | -191.03 | 109.18 | 102.90 | 6.28 | 17.396 | | |
| 1,600.00 | 1,573.19 | 1,551.32 | 1,551.30 | 6.55 | 0.76 | -63.49 | -178.24 | -191.50 | 87.57 | 80.51 | 7.05 | 12.413 | | |
| 1,700.00 | 1,666.16 | 1,644.20 | 1,644.18 | 7.23 | 0.76 | -86.84 | -178.20 | -191.50 | 77.25 | 69.32 | 7.92 | 9.752 | | |
| 1,712.64 | 1,677.91 | 1,655.97 | 1,655.95 | 7.32 | 0.76 | -90.07 | -178.19 | -191.49 | 77.11 | 69.09 | 8.01 | 9.623 | CC, ES, SF | |
| 1,800.00 | 1,759.13 | 1,737.40 | 1,737.38 | 7.93 | 0.77 | -111.39 | -178.05 | -191.48 | 83.50 | 75.09 | 8.42 | 9.922 | | |
| 1,900.00 | 1,852.10 | 1,830.76 | 1,830.74 | 8.64 | 0.78 | -130.07 | -177.72 | -191.87 | 103.01 | 94.43 | 8.58 | 12.010 | | |
| 2,000.00 | 1,945.06 | 1,923.52 | 1,923.50 | 9.35 | 0.81 | -142.31 | -177.34 | -192.26 | 130.12 | 121.39 | 8.73 | 14.912 | | |
| 2,100.00 | 2,038.03 | 2,015.69 | 2,015.67 | 10.08 | 0.82 | -150.34 | -176.74 | -192.26 | 161.44 | 152.51 | 8.93 | 18.070 | | |
| 2,200.00 | 2,131.00 | 2,107.74 | 2,107.71 | 10.81 | 0.84 | -155.80 | -176.11 | -191.82 | 195.24 | 186.04 | 9.20 | 21.217 | | |
| 2,300.00 | 2,223.97 | 2,201.24 | 2,201.21 | 11.54 | 0.85 | -159.70 | -175.56 | -191.41 | 230.16 | 220.63 | 9.52 | 24.167 | | |
| 2,400.00 | 2,316.94 | 2,293.12 | 2,293.09 | 12.28 | 0.86 | -162.51 | -175.07 | -191.00 | 265.76 | 255.90 | 9.86 | 26.944 | | |
| 2,500.00 | 2,409.90 | 2,386.79 | 2,386.75 | 13.02 | 0.88 | -164.66 | -174.82 | -190.50 | 301.82 | 291.59 | 10.23 | 29.502 | | |
| 2,600.00 | 2,502.87 | 2,478.32 | 2,478.28 | 13.77 | 0.89 | -166.27 | -174.79 | -190.02 | 338.12 | 327.52 | 10.60 | 31.892 | | |
| 2,700.00 | 2,595.84 | 2,572.14 | 2,572.10 | 14.51 | 0.91 | -167.61 | -174.65 | -189.37 | 374.80 | 363.80 | 11.00 | 34.083 | | |
| 2,800.00 | 2,688.81 | 2,666.32 | 2,666.28 | 15.26 | 0.92 | -168.72 | -174.61 | -189.13 | 411.20 | 399.81 | 11.39 | 36.096 | | |
| 2,900.00 | 2,781.77 | 2,758.75 | 2,758.71 | 16.01 | 0.93 | -169.68 | -174.31 | -189.10 | 447.59 | 435.80 | 11.79 | 37.979 | | |
| 3,000.00 | 2,874.74 | 2,851.31 | 2,851.28 | 16.76 | 0.94 | -170.48 | -174.03 | -188.87 | 484.25 | 472.07 | 12.18 | 39.750 | | |
| 3,100.00 | 2,967.71 | 2,945.47 | 2,945.43 | 17.52 | 0.95 | -171.13 | -174.18 | -188.62 | 520.87 | 508.29 | 12.59 | 41.388 | | |
| 3,200.00 | 3,060.68 | 3,041.54 | 3,041.50 | 18.27 | 0.95 | -171.77 | -173.93 | -188.87 | 557.20 | 544.20 | 13.00 | 42.853 | | |
| 3,300.00 | 3,153.65 | 3,136.64 | 3,136.60 | 19.03 | 0.97 | -172.33 | -173.83 | -189.72 | 592.96 | 579.54 | 13.43 | 44.158 | | |
| 3,400.00 | 3,246.61 | 3,228.86 | 3,228.81 | 19.78 | 1.00 | -172.83 | -173.43 | -190.50 | 628.92 | 615.07 | 13.84 | 45.435 | | |
| 3,500.00 | 3,339.58 | 3,324.44 | 3,324.38 | 20.54 | 1.02 | -173.31 | -172.91 | -191.57 | 664.71 | 650.43 | 14.28 | 46.562 | | |
| 3,600.00 | 3,432.55 | 3,418.33 | 3,418.27 | 21.30 | 1.05 | -173.74 | -172.44 | -192.82 | 700.32 | 685.62 | 14.70 | 47.633 | | |
| 3,700.00 | 3,525.52 | 3,510.20 | 3,510.12 | 22.06 | 1.07 | -174.13 | -171.83 | -194.03 | 736.04 | 720.92 | 15.12 | 48.683 | | |
| 3,800.00 | 3,618.49 | 3,600.82 | 3,600.74 | 22.82 | 1.09 | -174.49 | -171.04 | -195.03 | 772.05 | 756.52 | 15.53 | 49.714 | | |
| 3,900.00 | 3,711.45 | 3,689.34 | 3,689.25 | 23.57 | 1.11 | -174.79 | -170.38 | -195.53 | 808.50 | 792.57 | 15.93 | 50.759 | | |
| 4,000.00 | 3,804.42 | 3,782.43 | 3,782.33 | 24.33 | 1.14 | -175.06 | -169.78 | -195.71 | 845.26 | 828.91 | 16.35 | 51.695 | | |
| 4,100.00 | 3,897.39 | 3,881.41 | 3,881.31 | 25.09 | 1.16 | -175.35 | -168.95 | -196.32 | 881.73 | 864.93 | 16.80 | 52.475 | | |
| 4,200.00 | 3,990.36 | 3,974.54 | 3,974.43 | 25.86 | 1.19 | -175.60 | -168.25 | -197.35 | 917.78 | 900.55 | 17.23 | 53.270 | | |
| 4,300.00 | 4,083.32 | 4,063.59 | 4,063.48 | 26.62 | 1.21 | -175.82 | -167.64 | -198.05 | 954.08 | 936.45 | 17.63 | 54.102 | | |
| 4,400.00 | 4,176.29 | 4,155.15 | 4,155.04 | 27.38 | 1.23 | -176.00 | -167.29 | -198.26 | 990.77 | 972.72 | 18.05 | 54.879 | | |
| 4,500.00 | 4,269.26 | 4,249.65 | 4,249.53 | 28.14 | 1.26 | -176.21 | -166.24 | -198.83 | 1,027.40 | 1,008.92 | 18.49 | 55.578 | | |
| 4,600.00 | 4,362.23 | 4,340.83 | 4,340.69 | 28.90 | 1.28 | -176.45 | -164.57 | -199.75 | 1,063.97 | 1,045.06 | 18.90 | 56.294 | | |
| 4,700.00 | 4,455.20 | 4,430.75 | 4,430.56 | 29.66 | 1.31 | -176.72 | -161.89 | -200.67 | 1,100.93 | 1,081.62 | 19.31 | 57.023 | | |
| 4,800.00 | 4,548.16 | 4,523.45 | 4,523.22 | 30.43 | 1.33 | -176.99 | -159.08 | -201.74 | 1,137.83 | 1,118.10 | 19.73 | 57.678 | | |
| 4,900.00 | 4,641.13 | 4,605.03 | 4,604.74 | 31.19 | 1.35 | -177.23 | -156.14 | -202.34 | 1,175.31 | 1,155.22 | 20.09 | 58.490 | | |
| 5,000.00 | 4,734.10 | 4,685.50 | 4,685.15 | 31.95 | 1.37 | -177.44 | -153.10 | -202.14 | 1,213.71 | 1,193.26 | 20.46 | 59.334 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G25-9 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,785.75 | 4,785.35 | 32.71 | 1.39 | -177.64 | -150.11 | -201.22 | 1,252.41 | 1,231.50 | 20.91 | 59.888 | | |
| 5,200.00 | 4,920.04 | 4,899.07 | 4,898.66 | 33.48 | 1.42 | -177.80 | -148.33 | -201.02 | 1,289.97 | 1,268.54 | 21.43 | 60.191 | | |
| 5,300.00 | 5,013.00 | 5,001.18 | 5,000.76 | 34.24 | 1.45 | -177.93 | -147.32 | -201.90 | 1,326.42 | 1,304.52 | 21.90 | 60.564 | | |
| 5,400.00 | 5,105.97 | 5,090.35 | 5,089.92 | 35.00 | 1.47 | -178.02 | -146.61 | -202.79 | 1,362.70 | 1,340.38 | 22.31 | 61.072 | | |
| 5,500.00 | 5,198.94 | 5,183.31 | 5,182.88 | 35.77 | 1.50 | -178.12 | -145.88 | -203.53 | 1,399.13 | 1,376.39 | 22.74 | 61.522 | | |
| 5,600.00 | 5,291.91 | 5,280.89 | 5,280.45 | 36.53 | 1.53 | -178.22 | -145.02 | -204.51 | 1,435.43 | 1,412.24 | 23.19 | 61.893 | | |
| 5,700.00 | 5,384.87 | 5,375.57 | 5,375.12 | 37.29 | 1.54 | -178.28 | -144.95 | -205.38 | 1,471.50 | 1,447.88 | 23.63 | 62.280 | | |
| 5,800.00 | 5,477.84 | 5,472.60 | 5,472.15 | 38.06 | 1.55 | -178.30 | -145.94 | -205.93 | 1,507.46 | 1,483.38 | 24.08 | 62.607 | | |
| 5,900.00 | 5,570.81 | 5,560.13 | 5,559.66 | 38.82 | 1.56 | -178.29 | -147.48 | -206.19 | 1,543.36 | 1,518.88 | 24.49 | 63.030 | | |
| 6,000.00 | 5,663.78 | 5,650.01 | 5,649.51 | 39.59 | 1.56 | -178.24 | -149.71 | -205.67 | 1,579.73 | 1,554.82 | 24.91 | 63.430 | | |
| 6,100.00 | 5,756.75 | 5,744.89 | 5,744.36 | 40.35 | 1.57 | -178.18 | -152.16 | -205.16 | 1,616.02 | 1,590.68 | 25.35 | 63.755 | | |
| 6,200.00 | 5,849.71 | 5,839.56 | 5,838.99 | 41.12 | 1.57 | -178.13 | -154.69 | -204.67 | 1,652.27 | 1,626.48 | 25.79 | 64.069 | | |
| 6,300.00 | 5,942.68 | 5,941.56 | 5,940.98 | 41.88 | 1.58 | -178.12 | -156.44 | -204.83 | 1,688.31 | 1,662.04 | 26.26 | 64.284 | | |
| 6,400.00 | 6,035.65 | 6,042.34 | 6,041.74 | 42.64 | 1.59 | -178.12 | -158.14 | -205.81 | 1,723.65 | 1,696.92 | 26.73 | 64.475 | | |
| 6,500.00 | 6,128.62 | 6,130.41 | 6,129.79 | 43.41 | 1.60 | -178.11 | -159.89 | -206.46 | 1,759.08 | 1,731.94 | 27.15 | 64.798 | | |
| 6,600.00 | 6,221.59 | 6,218.28 | 6,217.64 | 44.17 | 1.61 | -178.11 | -161.49 | -206.84 | 1,794.85 | 1,767.29 | 27.56 | 65.125 | | |
| 6,700.00 | 6,314.55 | 6,311.01 | 6,310.37 | 44.94 | 1.62 | -178.11 | -162.87 | -207.23 | 1,830.74 | 1,802.75 | 27.99 | 65.396 | | |
| 6,800.00 | 6,407.52 | 6,402.48 | 6,401.82 | 45.70 | 1.63 | -178.12 | -163.97 | -207.66 | 1,866.70 | 1,838.28 | 28.42 | 65.673 | | |
| 6,900.00 | 6,499.98 | 6,494.90 | 6,494.24 | 46.49 | 1.65 | 177.00 | -164.56 | -208.27 | 1,903.94 | 1,875.08 | 28.86 | 65.967 | | |
| 7,000.00 | 6,586.50 | 6,577.29 | 6,576.63 | 47.49 | 1.66 | 168.45 | -164.91 | -208.79 | 1,952.84 | 1,923.54 | 29.30 | 66.653 | | |
| 7,100.00 | 6,663.58 | 6,649.03 | 6,648.36 | 48.75 | 1.67 | 161.53 | -165.40 | -208.96 | 2,014.64 | 1,984.93 | 29.71 | 67.800 | | |
| 7,200.00 | 6,728.87 | 6,712.39 | 6,711.72 | 50.23 | 1.68 | 154.10 | -165.53 | -209.05 | 2,087.56 | 2,057.46 | 30.10 | 69.354 | | |
| 7,300.00 | 6,780.38 | 6,777.00 | 6,776.33 | 51.91 | 1.70 | 144.66 | -165.78 | -209.32 | 2,169.17 | 2,138.68 | 30.49 | 71.155 | | |
| 7,400.00 | 6,816.56 | 6,814.83 | 6,814.16 | 53.74 | 1.70 | 130.31 | -166.08 | -209.58 | 2,257.22 | 2,226.49 | 30.73 | 73.447 | | |
| 7,500.00 | 6,836.29 | 6,831.05 | 6,830.38 | 55.65 | 1.70 | 108.39 | -166.17 | -209.68 | 2,349.43 | 2,318.56 | 30.87 | 76.117 | | |
| 7,600.00 | 6,840.00 | 6,834.41 | 6,833.74 | 57.58 | 1.70 | 91.07 | -166.19 | -209.70 | 2,443.13 | 2,412.19 | 30.93 | 78.978 | | |
| 7,700.00 | 6,840.00 | 6,834.81 | 6,834.14 | 59.56 | 1.70 | 91.10 | -166.19 | -209.70 | 2,537.24 | 2,506.24 | 30.99 | 81.866 | | |
| 7,800.00 | 6,840.00 | 6,835.20 | 6,834.53 | 61.60 | 1.70 | 91.13 | -166.19 | -209.70 | 2,631.78 | 2,600.73 | 31.06 | 84.746 | | |
| 7,900.00 | 6,840.00 | 6,835.59 | 6,834.92 | 63.69 | 1.70 | 91.15 | -166.20 | -209.70 | 2,726.72 | 2,695.60 | 31.12 | 87.619 | | |
| 8,000.00 | 6,840.00 | 6,835.98 | 6,835.31 | 65.82 | 1.70 | 91.18 | -166.20 | -209.71 | 2,822.00 | 2,790.82 | 31.19 | 90.486 | | |
| 8,100.00 | 6,840.00 | 6,836.36 | 6,835.69 | 67.99 | 1.70 | 91.20 | -166.20 | -209.71 | 2,917.60 | 2,886.35 | 31.26 | 93.346 | | |
| 8,200.00 | 6,840.00 | 6,836.74 | 6,836.07 | 70.21 | 1.70 | 91.23 | -166.20 | -209.71 | 3,013.49 | 2,982.16 | 31.33 | 96.200 | | |
| 8,300.00 | 6,840.00 | 6,837.11 | 6,836.45 | 72.45 | 1.70 | 91.26 | -166.20 | -209.71 | 3,109.63 | 3,078.24 | 31.40 | 99.046 | | |
| 8,400.00 | 6,840.00 | 6,837.48 | 6,836.81 | 74.73 | 1.70 | 91.28 | -166.20 | -209.71 | 3,206.01 | 3,174.55 | 31.47 | 101.887 | | |
| 8,500.00 | 6,840.00 | 6,837.85 | 6,837.18 | 77.04 | 1.70 | 91.31 | -166.21 | -209.71 | 3,302.61 | 3,271.07 | 31.54 | 104.720 | | |
| 8,600.00 | 6,840.00 | 6,838.21 | 6,837.54 | 79.38 | 1.70 | 91.33 | -166.21 | -209.72 | 3,399.40 | 3,367.79 | 31.61 | 107.547 | | |
| 8,700.00 | 6,840.00 | 6,838.57 | 6,837.90 | 81.74 | 1.70 | 91.35 | -166.21 | -209.72 | 3,496.38 | 3,464.70 | 31.68 | 110.367 | | |
| 8,800.00 | 6,840.00 | 6,838.92 | 6,838.25 | 84.12 | 1.70 | 91.38 | -166.21 | -209.72 | 3,593.52 | 3,561.76 | 31.75 | 113.180 | | |
| 8,900.00 | 6,840.00 | 6,839.27 | 6,838.60 | 86.52 | 1.70 | 91.40 | -166.21 | -209.72 | 3,690.81 | 3,658.99 | 31.82 | 115.986 | | |
| 9,000.00 | 6,840.00 | 6,839.62 | 6,838.95 | 88.94 | 1.70 | 91.43 | -166.21 | -209.72 | 3,788.24 | 3,756.35 | 31.89 | 118.785 | | |
| 9,100.00 | 6,840.00 | 6,839.96 | 6,839.29 | 91.38 | 1.70 | 91.45 | -166.22 | -209.72 | 3,885.80 | 3,853.84 | 31.96 | 121.577 | | |
| 9,200.00 | 6,840.00 | 6,840.30 | 6,839.63 | 93.83 | 1.70 | 91.47 | -166.22 | -209.73 | 3,983.49 | 3,951.46 | 32.03 | 124.362 | | |
| 9,300.00 | 6,840.00 | 6,840.63 | 6,839.96 | 96.30 | 1.70 | 91.50 | -166.22 | -209.73 | 4,081.28 | 4,049.18 | 32.10 | 127.139 | | |
| 9,400.00 | 6,840.00 | 6,840.96 | 6,840.29 | 98.79 | 1.70 | 91.52 | -166.22 | -209.73 | 4,179.18 | 4,147.01 | 32.17 | 129.908 | | |
| 9,500.00 | 6,840.00 | 6,841.29 | 6,840.62 | 101.28 | 1.70 | 91.54 | -166.22 | -209.73 | 4,277.18 | 4,244.94 | 32.24 | 132.669 | | |
| 9,600.00 | 6,840.00 | 6,841.62 | 6,840.95 | 103.79 | 1.70 | 91.56 | -166.22 | -209.73 | 4,375.27 | 4,342.96 | 32.31 | 135.423 | | |
| 9,700.00 | 6,840.00 | 6,841.94 | 6,841.27 | 106.30 | 1.70 | 91.58 | -166.22 | -209.73 | 4,473.44 | 4,441.07 | 32.38 | 138.169 | | |
| 9,800.00 | 6,840.00 | 6,842.26 | 6,841.59 | 108.83 | 1.70 | 91.61 | -166.22 | -209.74 | 4,571.69 | 4,539.25 | 32.44 | 140.906 | | |
| 9,900.00 | 6,840.00 | 6,842.57 | 6,841.90 | 111.37 | 1.70 | 91.63 | -166.23 | -209.74 | 4,670.02 | 4,637.51 | 32.51 | 143.635 | | |
| 10,000.00 | 6,840.00 | 6,842.88 | 6,842.21 | 113.91 | 1.70 | 91.65 | -166.23 | -209.74 | 4,768.42 | 4,735.84 | 32.58 | 146.356 | | |
| 10,100.00 | 6,840.00 | 6,843.19 | 6,842.52 | 116.47 | 1.70 | 91.67 | -166.23 | -209.74 | 4,866.88 | 4,834.23 | 32.65 | 149.068 | | |
| 10,200.00 | 6,840.00 | 6,843.49 | 6,842.82 | 119.03 | 1.70 | 91.69 | -166.23 | -209.74 | 4,965.40 | 4,932.68 | 32.72 | 151.772 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G25-9 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,843.79 | 6,843.13 | 121.59 | 1.70 | 91.71 | -166.23 | -209.74 | 5,063.98 | 5,031.20 | 32.78 | 154.467 | | |
| 10,400.00 | 6,840.00 | 6,844.09 | 6,843.42 | 124.17 | 1.70 | 91.73 | -166.23 | -209.74 | 5,162.62 | 5,129.76 | 32.85 | 157.153 | | |
| 10,500.00 | 6,840.00 | 6,844.39 | 6,843.72 | 126.75 | 1.70 | 91.75 | -166.23 | -209.74 | 5,261.30 | 5,228.38 | 32.92 | 159.829 | | |
| 10,600.00 | 6,840.00 | 6,844.68 | 6,844.01 | 129.34 | 1.70 | 91.77 | -166.23 | -209.75 | 5,360.04 | 5,327.05 | 32.99 | 162.497 | | |
| 10,700.00 | 6,840.00 | 6,844.97 | 6,844.30 | 131.93 | 1.70 | 91.79 | -166.23 | -209.75 | 5,458.82 | 5,425.77 | 33.05 | 165.155 | | |
| 10,800.00 | 6,840.00 | 6,845.26 | 6,844.59 | 134.53 | 1.70 | 91.81 | -166.24 | -209.75 | 5,557.64 | 5,524.52 | 33.12 | 167.804 | | |
| 10,900.00 | 6,840.00 | 6,845.54 | 6,844.87 | 137.13 | 1.70 | 91.83 | -166.24 | -209.75 | 5,656.51 | 5,623.32 | 33.19 | 170.444 | | |
| 11,000.00 | 6,840.00 | 6,845.82 | 6,845.15 | 139.73 | 1.70 | 91.85 | -166.24 | -209.75 | 5,755.41 | 5,722.16 | 33.25 | 173.074 | | |
| 11,100.00 | 6,840.00 | 6,846.10 | 6,845.43 | 142.35 | 1.70 | 91.87 | -166.24 | -209.75 | 5,854.36 | 5,821.04 | 33.32 | 175.694 | | |
| 11,200.00 | 6,840.00 | 6,846.38 | 6,845.71 | 144.96 | 1.70 | 91.89 | -166.24 | -209.75 | 5,953.33 | 5,919.95 | 33.39 | 178.304 | | |
| 11,300.00 | 6,840.00 | 6,846.65 | 6,845.98 | 147.58 | 1.70 | 91.90 | -166.24 | -209.75 | 6,052.35 | 6,018.89 | 33.46 | 180.905 | | |
| 11,400.00 | 6,840.00 | 6,846.92 | 6,846.25 | 150.20 | 1.70 | 91.92 | -166.24 | -209.76 | 6,151.39 | 6,117.87 | 33.52 | 183.495 | | |
| 11,500.00 | 6,840.00 | 6,847.19 | 6,846.52 | 152.83 | 1.70 | 91.94 | -166.24 | -209.76 | 6,250.46 | 6,216.87 | 33.59 | 186.076 | | |
| 11,600.00 | 6,840.00 | 6,847.46 | 6,846.79 | 155.46 | 1.70 | 91.96 | -166.24 | -209.76 | 6,349.57 | 6,315.91 | 33.66 | 188.646 | | |
| 11,700.00 | 6,840.00 | 6,847.72 | 6,847.05 | 158.09 | 1.70 | 91.98 | -166.24 | -209.76 | 6,448.70 | 6,414.97 | 33.73 | 191.206 | | |
| 11,800.00 | 6,840.00 | 6,847.98 | 6,847.31 | 160.73 | 1.70 | 91.99 | -166.24 | -209.76 | 6,547.85 | 6,514.06 | 33.79 | 193.755 | | |
| 11,900.00 | 6,840.00 | 6,848.24 | 6,847.57 | 163.36 | 1.70 | 92.01 | -166.25 | -209.76 | 6,647.04 | 6,613.17 | 33.86 | 196.294 | | |
| 12,000.00 | 6,840.00 | 6,848.49 | 6,847.82 | 166.01 | 1.70 | 92.03 | -166.25 | -209.76 | 6,746.24 | 6,712.31 | 33.93 | 198.823 | | |
| 12,100.00 | 6,840.00 | 6,848.75 | 6,848.08 | 168.65 | 1.70 | 92.05 | -166.25 | -209.76 | 6,845.47 | 6,811.47 | 34.00 | 201.341 | | |
| 12,200.00 | 6,840.00 | 6,849.00 | 6,848.33 | 171.30 | 1.70 | 92.06 | -166.25 | -209.76 | 6,944.72 | 6,910.65 | 34.07 | 203.848 | | |
| 12,300.00 | 6,840.00 | 6,849.25 | 6,848.58 | 173.94 | 1.70 | 92.08 | -166.25 | -209.77 | 7,043.99 | 7,009.86 | 34.14 | 206.345 | | |
| 12,400.00 | 6,840.00 | 6,849.49 | 6,848.82 | 176.59 | 1.70 | 92.10 | -166.25 | -209.77 | 7,143.29 | 7,109.08 | 34.21 | 208.830 | | |
| 12,500.00 | 6,840.00 | 6,849.74 | 6,849.07 | 179.25 | 1.70 | 92.11 | -166.25 | -209.77 | 7,242.60 | 7,208.32 | 34.28 | 211.305 | | |
| 12,600.00 | 6,840.00 | 6,849.98 | 6,849.31 | 181.90 | 1.70 | 92.13 | -166.25 | -209.77 | 7,341.93 | 7,307.59 | 34.35 | 213.769 | | |
| 12,700.00 | 6,840.00 | 6,850.22 | 6,849.55 | 184.56 | 1.70 | 92.15 | -166.25 | -209.77 | 7,441.28 | 7,406.87 | 34.42 | 216.222 | | |
| 12,800.00 | 6,840.00 | 6,850.46 | 6,849.79 | 187.22 | 1.70 | 92.16 | -166.25 | -209.77 | 7,540.65 | 7,506.16 | 34.49 | 218.663 | | |
| 12,900.00 | 6,840.00 | 6,850.69 | 6,850.02 | 189.88 | 1.70 | 92.18 | -166.25 | -209.77 | 7,640.03 | 7,605.47 | 34.56 | 221.094 | | |
| 13,000.00 | 6,840.00 | 6,850.92 | 6,850.25 | 192.54 | 1.70 | 92.20 | -166.25 | -209.77 | 7,739.43 | 7,704.80 | 34.63 | 223.513 | | |
| 13,100.00 | 6,840.00 | 6,851.16 | 6,850.49 | 195.20 | 1.70 | 92.21 | -166.25 | -209.77 | 7,838.84 | 7,804.14 | 34.70 | 225.922 | | |
| 13,200.00 | 6,840.00 | 6,851.38 | 6,850.71 | 197.87 | 1.70 | 92.23 | -166.26 | -209.77 | 7,938.27 | 7,903.50 | 34.77 | 228.318 | | |
| 13,300.00 | 6,840.00 | 6,851.61 | 6,850.94 | 200.53 | 1.70 | 92.24 | -166.26 | -209.77 | 8,037.71 | 8,002.87 | 34.84 | 230.704 | | |
| 13,400.00 | 6,840.00 | 6,851.84 | 6,851.17 | 203.20 | 1.70 | 92.26 | -166.26 | -209.78 | 8,137.17 | 8,102.26 | 34.91 | 233.078 | | |
| 13,500.00 | 6,840.00 | 6,852.06 | 6,851.39 | 205.87 | 1.70 | 92.27 | -166.26 | -209.78 | 8,236.64 | 8,201.65 | 34.98 | 235.441 | | |
| 13,600.00 | 6,840.00 | 6,852.28 | 6,851.61 | 208.54 | 1.70 | 92.29 | -166.26 | -209.78 | 8,336.12 | 8,301.06 | 35.06 | 237.792 | | |
| 13,700.00 | 6,840.00 | 6,852.50 | 6,851.83 | 211.22 | 1.70 | 92.30 | -166.26 | -209.78 | 8,435.61 | 8,400.49 | 35.13 | 240.132 | | |
| 13,800.00 | 6,840.00 | 6,852.72 | 6,852.05 | 213.89 | 1.70 | 92.32 | -166.26 | -209.78 | 8,535.12 | 8,499.92 | 35.20 | 242.460 | | |
| 13,900.00 | 6,840.00 | 6,852.93 | 6,852.26 | 216.56 | 1.70 | 92.33 | -166.26 | -209.78 | 8,634.64 | 8,599.36 | 35.28 | 244.777 | | |
| 14,000.00 | 6,840.00 | 6,853.15 | 6,852.48 | 219.24 | 1.70 | 92.35 | -166.26 | -209.78 | 8,734.17 | 8,698.82 | 35.35 | 247.082 | | |
| 14,100.00 | 6,840.00 | 6,853.36 | 6,852.69 | 221.92 | 1.70 | 92.36 | -166.26 | -209.78 | 8,833.71 | 8,798.28 | 35.42 | 249.376 | | |
| 14,200.00 | 6,840.00 | 6,853.57 | 6,852.90 | 224.59 | 1.70 | 92.37 | -166.26 | -209.78 | 8,933.26 | 8,897.76 | 35.50 | 251.658 | | |
| 14,300.00 | 6,840.00 | 6,853.78 | 6,853.11 | 227.27 | 1.70 | 92.39 | -166.26 | -209.78 | 9,032.82 | 8,997.24 | 35.57 | 253.928 | | |
| 14,400.00 | 6,840.00 | 6,853.98 | 6,853.31 | 229.95 | 1.70 | 92.40 | -166.26 | -209.78 | 9,132.38 | 9,096.74 | 35.65 | 256.186 | | |
| 14,500.00 | 6,840.00 | 6,854.19 | 6,853.52 | 232.63 | 1.70 | 92.42 | -166.26 | -209.78 | 9,231.96 | 9,196.24 | 35.72 | 258.433 | | |
| 14,600.00 | 6,840.00 | 6,854.39 | 6,853.72 | 235.31 | 1.70 | 92.43 | -166.26 | -209.78 | 9,331.55 | 9,295.75 | 35.80 | 260.668 | | |
| 14,700.00 | 6,840.00 | 6,854.59 | 6,853.92 | 238.00 | 1.70 | 92.44 | -166.26 | -209.79 | 9,431.15 | 9,395.27 | 35.87 | 262.891 | | |
| 14,800.00 | 6,840.00 | 6,854.79 | 6,854.12 | 240.68 | 1.70 | 92.46 | -166.26 | -209.79 | 9,530.75 | 9,494.80 | 35.95 | 265.103 | | |
| 14,900.00 | 6,840.00 | 6,854.99 | 6,854.32 | 243.36 | 1.70 | 92.47 | -166.27 | -209.79 | 9,630.36 | 9,594.34 | 36.03 | 267.303 | | |
| 15,000.00 | 6,840.00 | 6,855.19 | 6,854.52 | 246.05 | 1.70 | 92.48 | -166.27 | -209.79 | 9,729.98 | 9,693.88 | 36.11 | 269.491 | | |
| 15,100.00 | 6,840.00 | 6,855.38 | 6,854.71 | 248.74 | 1.70 | 92.50 | -166.27 | -209.79 | 9,829.61 | 9,793.43 | 36.18 | 271.667 | | |
| 15,200.00 | 6,840.00 | 6,855.58 | 6,854.91 | 251.42 | 1.70 | 92.51 | -166.27 | -209.79 | 9,929.25 | 9,892.99 | 36.26 | 273.831 | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -12.86 | 1,137.71 | -259.74 | 1,167.51 | | | | | |
| 100.00 | 100.00 | 65.51 | 65.51 | 0.13 | 0.07 | -12.85 | 1,137.74 | -259.59 | 1,166.97 | 1,166.77 | 0.20 | 5,744.727 | | |
| 157.08 | 157.08 | 122.08 | 122.08 | 0.34 | 0.11 | -12.84 | 1,137.79 | -259.24 | 1,166.95 | 1,166.50 | 0.45 | 2,597.950 CC | | |
| 200.00 | 200.00 | 163.55 | 163.55 | 0.49 | 0.12 | -12.83 | 1,137.84 | -259.11 | 1,166.97 | 1,166.36 | 0.61 | 1,903.444 | | |
| 300.00 | 300.00 | 263.45 | 263.45 | 0.85 | 0.20 | -12.84 | 1,137.99 | -259.30 | 1,167.16 | 1,166.10 | 1.05 | 1,109.788 | | |
| 400.00 | 400.00 | 362.62 | 362.62 | 1.21 | 0.29 | -12.85 | 1,138.05 | -259.57 | 1,167.28 | 1,165.78 | 1.50 | 778.631 | | |
| 500.00 | 500.00 | 461.81 | 461.80 | 1.57 | 0.35 | -12.86 | 1,138.26 | -259.84 | 1,167.55 | 1,165.63 | 1.91 | 610.104 ES | | |
| 600.00 | 599.98 | 565.19 | 565.19 | 1.92 | 0.37 | 103.02 | 1,138.45 | -259.84 | 1,168.12 | 1,165.84 | 2.28 | 512.179 | | |
| 700.00 | 699.84 | 664.40 | 664.40 | 2.26 | 0.40 | 103.23 | 1,138.32 | -260.09 | 1,169.23 | 1,166.58 | 2.65 | 440.468 | | |
| 800.00 | 799.45 | 762.33 | 762.32 | 2.62 | 0.45 | 103.58 | 1,138.38 | -260.44 | 1,171.40 | 1,168.35 | 3.06 | 383.299 | | |
| 900.00 | 898.70 | 862.85 | 862.84 | 2.99 | 0.49 | 104.09 | 1,138.49 | -260.70 | 1,174.50 | 1,171.03 | 3.47 | 338.549 | | |
| 1,000.00 | 997.47 | 959.78 | 959.78 | 3.39 | 0.54 | 104.69 | 1,138.45 | -261.31 | 1,178.52 | 1,174.61 | 3.90 | 302.164 | | |
| 1,100.00 | 1,095.62 | 1,057.88 | 1,057.87 | 3.81 | 0.58 | 105.44 | 1,138.65 | -261.89 | 1,183.87 | 1,179.51 | 4.36 | 271.596 | | |
| 1,200.00 | 1,193.06 | 1,155.71 | 1,155.70 | 4.27 | 0.63 | 106.31 | 1,138.71 | -262.53 | 1,190.35 | 1,185.50 | 4.85 | 245.607 | | |
| 1,300.00 | 1,289.64 | 1,250.41 | 1,250.39 | 4.77 | 0.67 | 107.26 | 1,138.87 | -263.18 | 1,198.35 | 1,192.98 | 5.37 | 223.357 | | |
| 1,400.00 | 1,385.27 | 1,347.00 | 1,346.98 | 5.31 | 0.71 | 108.33 | 1,139.17 | -263.79 | 1,208.04 | 1,202.13 | 5.92 | 204.120 | | |
| 1,500.00 | 1,479.82 | 1,444.53 | 1,444.51 | 5.91 | 0.75 | 109.52 | 1,139.21 | -264.44 | 1,219.27 | 1,212.76 | 6.51 | 187.365 | | |
| 1,600.00 | 1,573.19 | 1,537.95 | 1,537.93 | 6.55 | 0.79 | 110.78 | 1,139.18 | -264.86 | 1,232.34 | 1,225.21 | 7.13 | 172.807 | | |
| 1,700.00 | 1,666.16 | 1,629.61 | 1,629.59 | 7.23 | 0.83 | 112.24 | 1,139.23 | -265.15 | 1,246.80 | 1,239.03 | 7.77 | 160.449 | | |
| 1,800.00 | 1,759.13 | 1,721.96 | 1,721.94 | 7.93 | 0.87 | 113.66 | 1,139.37 | -265.72 | 1,262.24 | 1,253.82 | 8.41 | 150.016 | | |
| 1,900.00 | 1,852.10 | 1,814.05 | 1,814.02 | 8.64 | 0.91 | 115.05 | 1,139.52 | -266.25 | 1,278.54 | 1,269.49 | 9.06 | 141.192 | | |
| 2,000.00 | 1,945.06 | 1,899.60 | 1,899.58 | 9.35 | 0.94 | 116.30 | 1,140.00 | -266.98 | 1,296.01 | 1,286.33 | 9.69 | 133.766 | | |
| 2,100.00 | 2,038.03 | 1,987.77 | 1,987.73 | 10.08 | 0.98 | 117.55 | 1,140.93 | -268.11 | 1,314.70 | 1,304.39 | 10.32 | 127.410 | | |
| 2,200.00 | 2,131.00 | 2,068.54 | 2,068.48 | 10.81 | 1.00 | 118.66 | 1,142.28 | -269.17 | 1,334.69 | 1,323.75 | 10.93 | 122.059 | | |
| 2,300.00 | 2,223.97 | 2,156.48 | 2,156.39 | 11.54 | 1.03 | 119.85 | 1,144.45 | -269.99 | 1,356.13 | 1,344.58 | 11.55 | 117.435 | | |
| 2,400.00 | 2,316.94 | 2,247.41 | 2,247.28 | 12.28 | 1.06 | 121.04 | 1,146.76 | -270.75 | 1,378.31 | 1,366.15 | 12.16 | 113.394 | | |
| 2,500.00 | 2,409.90 | 2,338.42 | 2,338.26 | 13.02 | 1.09 | 122.20 | 1,149.30 | -271.72 | 1,401.33 | 1,388.58 | 12.75 | 109.877 | | |
| 2,600.00 | 2,502.87 | 2,436.53 | 2,436.33 | 13.77 | 1.13 | 123.42 | 1,151.90 | -272.41 | 1,424.88 | 1,411.53 | 13.35 | 106.733 | | |
| 2,700.00 | 2,595.84 | 2,540.37 | 2,540.14 | 14.51 | 1.16 | 124.69 | 1,153.91 | -273.09 | 1,448.38 | 1,434.43 | 13.94 | 103.877 | | |
| 2,800.00 | 2,688.81 | 2,641.23 | 2,641.00 | 15.26 | 1.19 | 125.88 | 1,155.19 | -273.61 | 1,471.85 | 1,457.32 | 14.52 | 101.344 | | |
| 2,900.00 | 2,781.77 | 2,737.50 | 2,737.27 | 16.01 | 1.23 | 126.99 | 1,155.96 | -274.03 | 1,495.45 | 1,480.36 | 15.09 | 99.112 | | |
| 3,000.00 | 2,874.74 | 2,830.40 | 2,830.16 | 16.76 | 1.25 | 128.04 | 1,156.65 | -274.19 | 1,519.60 | 1,503.96 | 15.64 | 97.162 | | |
| 3,100.00 | 2,967.71 | 2,924.99 | 2,924.75 | 17.52 | 1.29 | 129.08 | 1,157.21 | -274.44 | 1,544.09 | 1,527.91 | 16.18 | 95.405 | | |
| 3,200.00 | 3,060.68 | 3,013.37 | 3,013.13 | 18.27 | 1.32 | 130.02 | 1,157.94 | -274.72 | 1,569.26 | 1,552.55 | 16.71 | 93.890 | | |
| 3,300.00 | 3,153.65 | 3,112.24 | 3,112.00 | 19.03 | 1.35 | 131.03 | 1,158.69 | -275.14 | 1,594.81 | 1,577.56 | 17.25 | 92.464 | | |
| 3,400.00 | 3,246.61 | 3,200.10 | 3,199.84 | 19.78 | 1.38 | 131.90 | 1,159.41 | -275.59 | 1,620.81 | 1,603.05 | 17.76 | 91.260 | | |
| 3,500.00 | 3,339.58 | 3,290.26 | 3,290.00 | 20.54 | 1.41 | 132.77 | 1,160.35 | -276.10 | 1,647.40 | 1,629.13 | 18.27 | 90.175 | | |
| 3,600.00 | 3,432.55 | 3,389.30 | 3,389.04 | 21.30 | 1.44 | 133.69 | 1,161.35 | -276.78 | 1,674.31 | 1,655.53 | 18.78 | 89.142 | | |
| 3,700.00 | 3,525.52 | 3,478.63 | 3,478.36 | 22.06 | 1.48 | 134.49 | 1,162.14 | -277.43 | 1,701.47 | 1,682.20 | 19.28 | 88.272 | | |
| 3,800.00 | 3,618.49 | 3,574.06 | 3,573.79 | 22.82 | 1.51 | 135.33 | 1,163.06 | -277.98 | 1,729.10 | 1,709.33 | 19.77 | 87.456 | | |
| 3,900.00 | 3,711.45 | 3,671.52 | 3,671.24 | 23.57 | 1.54 | 136.17 | 1,163.65 | -278.33 | 1,756.82 | 1,736.56 | 20.26 | 86.701 | | |
| 4,000.00 | 3,804.42 | 3,766.45 | 3,766.17 | 24.33 | 1.57 | 136.97 | 1,163.99 | -278.58 | 1,784.70 | 1,763.95 | 20.74 | 86.038 | | |
| 4,100.00 | 3,897.39 | 3,858.85 | 3,858.57 | 25.09 | 1.61 | 137.71 | 1,164.35 | -279.00 | 1,812.85 | 1,791.64 | 21.21 | 85.455 | | |
| 4,200.00 | 3,990.36 | 3,952.91 | 3,952.63 | 25.86 | 1.64 | 138.46 | 1,164.68 | -279.24 | 1,841.34 | 1,819.66 | 21.68 | 84.927 | | |
| 4,300.00 | 4,083.32 | 4,047.11 | 4,046.83 | 26.62 | 1.67 | 139.18 | 1,164.92 | -279.56 | 1,870.01 | 1,847.87 | 22.14 | 84.449 | | |
| 4,400.00 | 4,176.29 | 4,139.87 | 4,139.58 | 27.38 | 1.70 | 139.87 | 1,165.25 | -280.05 | 1,898.96 | 1,876.36 | 22.60 | 84.025 | | |
| 4,500.00 | 4,269.26 | 4,233.52 | 4,233.23 | 28.14 | 1.73 | 140.54 | 1,165.62 | -280.64 | 1,928.16 | 1,905.11 | 23.05 | 83.637 | | |
| 4,600.00 | 4,362.23 | 4,326.53 | 4,326.24 | 28.90 | 1.77 | 141.18 | 1,166.08 | -281.47 | 1,957.57 | 1,934.07 | 23.50 | 83.285 | | |
| 4,700.00 | 4,455.20 | 4,418.78 | 4,418.48 | 29.66 | 1.80 | 141.79 | 1,166.63 | -282.30 | 1,987.29 | 1,963.34 | 23.95 | 82.976 | | |
| 4,800.00 | 4,548.16 | 4,517.33 | 4,517.02 | 30.43 | 1.83 | 142.43 | 1,167.10 | -283.38 | 2,017.04 | 1,992.64 | 24.40 | 82.650 | | |
| 4,900.00 | 4,641.13 | 4,606.57 | 4,606.26 | 31.19 | 1.86 | 142.98 | 1,167.57 | -284.40 | 2,047.01 | 2,022.17 | 24.84 | 82.412 | | |
| 5,000.00 | 4,734.10 | 4,694.42 | 4,694.10 | 31.95 | 1.89 | 143.52 | 1,168.19 | -285.29 | 2,077.39 | 2,052.12 | 25.27 | 82.214 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,791.67 | 4,791.35 | 32.71 | 1.92 | 144.10 | 1,168.84 | -286.13 | 2,107.99 | 2,082.28 | 25.71 | 81.983 | | |
| 5,200.00 | 4,920.04 | 4,877.91 | 4,877.58 | 33.48 | 1.95 | 144.60 | 1,169.36 | -286.72 | 2,138.80 | 2,112.67 | 26.13 | 81.848 | | |
| 5,300.00 | 5,013.00 | 4,974.24 | 4,973.90 | 34.24 | 1.99 | 145.15 | 1,170.05 | -287.23 | 2,169.96 | 2,143.39 | 26.57 | 81.674 | | |
| 5,400.00 | 5,105.97 | 5,062.08 | 5,061.75 | 35.00 | 2.01 | 145.64 | 1,170.53 | -287.64 | 2,201.19 | 2,174.21 | 26.99 | 81.571 | | |
| 5,500.00 | 5,198.94 | 5,148.48 | 5,148.14 | 35.77 | 2.03 | 146.12 | 1,171.20 | -287.75 | 2,232.94 | 2,205.54 | 27.40 | 81.506 | | |
| 5,600.00 | 5,291.91 | 5,240.39 | 5,240.05 | 36.53 | 2.05 | 146.62 | 1,171.86 | -287.46 | 2,265.01 | 2,237.19 | 27.82 | 81.427 | | |
| 5,700.00 | 5,384.87 | 5,332.01 | 5,331.66 | 37.29 | 2.06 | 147.11 | 1,172.37 | -287.07 | 2,297.18 | 2,268.95 | 28.23 | 81.360 | | |
| 5,800.00 | 5,477.84 | 5,415.07 | 5,414.72 | 38.06 | 2.07 | 147.55 | 1,172.89 | -286.37 | 2,329.78 | 2,301.15 | 28.63 | 81.375 | | |
| 5,900.00 | 5,570.81 | 5,494.76 | 5,494.40 | 38.82 | 2.08 | 147.96 | 1,173.74 | -285.53 | 2,362.98 | 2,333.97 | 29.02 | 81.436 | | |
| 6,000.00 | 5,663.78 | 5,561.29 | 5,560.92 | 39.59 | 2.09 | 148.30 | 1,174.90 | -284.55 | 2,397.06 | 2,367.69 | 29.37 | 81.615 | | |
| 6,100.00 | 5,756.75 | 5,630.06 | 5,629.64 | 40.35 | 2.10 | 148.64 | 1,176.61 | -282.94 | 2,432.28 | 2,402.56 | 29.72 | 81.827 | | |
| 6,200.00 | 5,849.71 | 5,707.56 | 5,707.07 | 41.12 | 2.10 | 149.03 | 1,178.67 | -280.27 | 2,468.36 | 2,438.27 | 30.09 | 82.023 | | |
| 6,300.00 | 5,942.68 | 5,851.90 | 5,851.32 | 41.88 | 2.11 | 149.76 | 1,180.98 | -275.51 | 2,503.70 | 2,473.08 | 30.62 | 81.773 | | |
| 6,400.00 | 6,035.65 | 5,970.84 | 5,970.23 | 42.64 | 2.12 | 150.32 | 1,181.90 | -273.43 | 2,537.75 | 2,506.66 | 31.09 | 81.633 | | |
| 6,500.00 | 6,128.62 | 6,086.01 | 6,085.40 | 43.41 | 2.14 | 150.82 | 1,182.61 | -272.90 | 2,571.11 | 2,539.56 | 31.55 | 81.491 | | |
| 6,600.00 | 6,221.59 | 6,188.52 | 6,187.90 | 44.17 | 2.17 | 151.23 | 1,182.95 | -273.16 | 2,603.96 | 2,571.98 | 31.98 | 81.417 | | |
| 6,700.00 | 6,314.55 | 6,299.01 | 6,298.39 | 44.94 | 2.19 | 151.67 | 1,182.92 | -273.80 | 2,636.48 | 2,604.06 | 32.43 | 81.305 | | |
| 6,800.00 | 6,407.52 | 6,402.35 | 6,401.73 | 45.70 | 2.21 | 152.07 | 1,182.58 | -274.88 | 2,668.60 | 2,635.75 | 32.86 | 81.222 SF | | |
| 6,900.00 | 6,499.98 | 6,486.86 | 6,486.22 | 46.49 | 2.23 | 147.06 | 1,182.43 | -275.97 | 2,701.57 | 2,668.32 | 33.25 | 81.252 | | |
| 7,000.00 | 6,586.50 | 6,570.07 | 6,569.44 | 47.49 | 2.25 | 137.74 | 1,182.46 | -276.96 | 2,742.21 | 2,708.50 | 33.71 | 81.347 | | |
| 7,100.00 | 6,663.58 | 6,651.47 | 6,650.82 | 48.75 | 2.27 | 130.33 | 1,182.55 | -277.95 | 2,791.13 | 2,756.89 | 34.24 | 81.519 | | |
| 7,200.00 | 6,728.87 | 6,718.58 | 6,717.93 | 50.23 | 2.29 | 123.12 | 1,182.50 | -278.81 | 2,847.13 | 2,812.33 | 34.79 | 81.833 | | |
| 7,300.00 | 6,780.38 | 6,762.19 | 6,761.54 | 51.91 | 2.30 | 115.16 | 1,182.45 | -279.22 | 2,909.26 | 2,873.93 | 35.33 | 82.351 | | |
| 7,400.00 | 6,816.56 | 6,792.57 | 6,791.92 | 53.74 | 2.30 | 106.29 | 1,182.43 | -279.40 | 2,976.05 | 2,940.20 | 35.85 | 83.006 | | |
| 7,500.00 | 6,836.29 | 6,811.38 | 6,810.72 | 55.65 | 2.31 | 96.72 | 1,182.41 | -279.47 | 3,045.71 | 3,009.35 | 36.36 | 83.772 | | |
| 7,600.00 | 6,840.00 | 6,815.54 | 6,814.89 | 57.58 | 2.31 | 90.26 | 1,182.41 | -279.48 | 3,116.40 | 3,079.59 | 36.81 | 84.654 | | |
| 7,700.00 | 6,840.00 | 6,815.89 | 6,815.24 | 59.56 | 2.31 | 90.27 | 1,182.41 | -279.48 | 3,188.33 | 3,151.06 | 37.26 | 85.561 | | |
| 7,800.00 | 6,840.00 | 6,816.24 | 6,815.59 | 61.60 | 2.31 | 90.28 | 1,182.41 | -279.48 | 3,261.73 | 3,224.02 | 37.72 | 86.481 | | |
| 7,900.00 | 6,840.00 | 6,816.59 | 6,815.94 | 63.69 | 2.31 | 90.29 | 1,182.41 | -279.49 | 3,336.52 | 3,298.35 | 38.17 | 87.419 | | |
| 8,000.00 | 6,840.00 | 6,816.95 | 6,816.29 | 65.82 | 2.31 | 90.30 | 1,182.41 | -279.49 | 3,412.60 | 3,373.98 | 38.61 | 88.376 | | |
| 8,100.00 | 6,840.00 | 6,817.30 | 6,816.64 | 67.99 | 2.31 | 90.30 | 1,182.41 | -279.49 | 3,489.89 | 3,450.83 | 39.06 | 89.355 | | |
| 8,200.00 | 6,840.00 | 6,817.65 | 6,816.99 | 70.21 | 2.31 | 90.31 | 1,182.41 | -279.49 | 3,568.30 | 3,528.81 | 39.49 | 90.358 | | |
| 8,300.00 | 6,840.00 | 6,818.00 | 6,817.34 | 72.45 | 2.31 | 90.32 | 1,182.40 | -279.49 | 3,647.77 | 3,607.85 | 39.92 | 91.386 | | |
| 8,400.00 | 6,840.00 | 6,818.34 | 6,817.69 | 74.73 | 2.31 | 90.33 | 1,182.40 | -279.49 | 3,728.23 | 3,687.90 | 40.33 | 92.438 | | |
| 8,500.00 | 6,840.00 | 6,818.69 | 6,818.04 | 77.04 | 2.31 | 90.34 | 1,182.40 | -279.49 | 3,809.61 | 3,768.88 | 40.74 | 93.514 | | |
| 8,600.00 | 6,840.00 | 6,819.04 | 6,818.39 | 79.38 | 2.31 | 90.35 | 1,182.40 | -279.49 | 3,891.87 | 3,850.73 | 41.13 | 94.615 | | |
| 8,700.00 | 6,840.00 | 6,819.39 | 6,818.74 | 81.74 | 2.31 | 90.36 | 1,182.40 | -279.49 | 3,974.93 | 3,933.41 | 41.52 | 95.739 | | |
| 8,800.00 | 6,840.00 | 6,819.74 | 6,819.09 | 84.12 | 2.31 | 90.37 | 1,182.40 | -279.50 | 4,058.76 | 4,016.87 | 41.89 | 96.885 | | |
| 8,900.00 | 6,840.00 | 6,820.08 | 6,819.43 | 86.52 | 2.31 | 90.38 | 1,182.40 | -279.50 | 4,143.31 | 4,101.05 | 42.26 | 98.054 | | |
| 9,000.00 | 6,840.00 | 6,820.43 | 6,819.78 | 88.94 | 2.31 | 90.39 | 1,182.40 | -279.50 | 4,228.53 | 4,185.92 | 42.61 | 99.244 | | |
| 9,100.00 | 6,840.00 | 6,820.78 | 6,820.13 | 91.38 | 2.31 | 90.40 | 1,182.40 | -279.50 | 4,314.39 | 4,271.44 | 42.95 | 100.454 | | |
| 9,200.00 | 6,840.00 | 6,821.12 | 6,820.47 | 93.83 | 2.31 | 90.40 | 1,182.40 | -279.50 | 4,400.84 | 4,357.56 | 43.28 | 101.683 | | |
| 9,300.00 | 6,840.00 | 6,821.47 | 6,820.82 | 96.30 | 2.31 | 90.41 | 1,182.40 | -279.50 | 4,487.86 | 4,444.26 | 43.60 | 102.930 | | |
| 9,400.00 | 6,840.00 | 6,821.82 | 6,821.16 | 98.79 | 2.31 | 90.42 | 1,182.40 | -279.50 | 4,575.40 | 4,531.49 | 43.91 | 104.194 | | |
| 9,500.00 | 6,840.00 | 6,822.16 | 6,821.51 | 101.28 | 2.31 | 90.43 | 1,182.40 | -279.50 | 4,663.45 | 4,619.24 | 44.21 | 105.475 | | |
| 9,600.00 | 6,840.00 | 6,822.50 | 6,821.85 | 103.79 | 2.31 | 90.44 | 1,182.40 | -279.51 | 4,751.97 | 4,707.47 | 44.51 | 106.771 | | |
| 9,700.00 | 6,840.00 | 6,822.85 | 6,822.20 | 106.30 | 2.31 | 90.45 | 1,182.40 | -279.51 | 4,840.94 | 4,796.15 | 44.79 | 108.082 | | |
| 9,800.00 | 6,840.00 | 6,823.19 | 6,822.54 | 108.83 | 2.31 | 90.46 | 1,182.40 | -279.51 | 4,930.33 | 4,885.27 | 45.06 | 109.406 | | |
| 9,900.00 | 6,840.00 | 6,823.54 | 6,822.88 | 111.37 | 2.31 | 90.47 | 1,182.40 | -279.51 | 5,020.12 | 4,974.79 | 45.33 | 110.743 | | |
| 10,000.00 | 6,840.00 | 6,823.88 | 6,823.23 | 113.91 | 2.31 | 90.48 | 1,182.40 | -279.51 | 5,110.29 | 5,064.70 | 45.59 | 112.093 | | |
| 10,100.00 | 6,840.00 | 6,824.22 | 6,823.57 | 116.47 | 2.31 | 90.49 | 1,182.40 | -279.51 | 5,200.82 | 5,154.98 | 45.84 | 113.453 | | |
| 10,200.00 | 6,840.00 | 6,824.56 | 6,823.91 | 119.03 | 2.31 | 90.49 | 1,182.40 | -279.51 | 5,291.69 | 5,245.61 | 46.08 | 114.825 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,824.91 | 6,824.25 | 121.59 | 2.31 | 90.50 | 1,182.40 | -279.51 | 5,382.89 | 5,336.56 | 46.32 | 116.206 | | |
| 10,400.00 | 6,840.00 | 6,825.25 | 6,824.59 | 124.17 | 2.31 | 90.51 | 1,182.40 | -279.51 | 5,474.39 | 5,427.84 | 46.55 | 117.597 | | |
| 10,500.00 | 6,840.00 | 6,825.59 | 6,824.94 | 126.75 | 2.31 | 90.52 | 1,182.40 | -279.52 | 5,566.18 | 5,519.41 | 46.78 | 118.997 | | |
| 10,600.00 | 6,840.00 | 6,825.93 | 6,825.28 | 129.34 | 2.31 | 90.53 | 1,182.40 | -279.52 | 5,658.25 | 5,611.26 | 46.99 | 120.405 | | |
| 10,700.00 | 6,840.00 | 6,826.27 | 6,825.62 | 131.93 | 2.31 | 90.54 | 1,182.40 | -279.52 | 5,750.59 | 5,703.39 | 47.21 | 121.821 | | |
| 10,800.00 | 6,840.00 | 6,826.61 | 6,825.96 | 134.53 | 2.31 | 90.55 | 1,182.40 | -279.52 | 5,843.18 | 5,795.77 | 47.41 | 123.244 | | |
| 10,900.00 | 6,840.00 | 6,826.95 | 6,826.30 | 137.13 | 2.31 | 90.56 | 1,182.39 | -279.52 | 5,936.01 | 5,888.40 | 47.61 | 124.674 | | |
| 11,000.00 | 6,840.00 | 6,827.29 | 6,826.64 | 139.73 | 2.31 | 90.57 | 1,182.39 | -279.52 | 6,029.07 | 5,981.26 | 47.81 | 126.110 | | |
| 11,100.00 | 6,840.00 | 6,827.63 | 6,826.97 | 142.35 | 2.31 | 90.57 | 1,182.39 | -279.52 | 6,122.35 | 6,074.35 | 48.00 | 127.552 | | |
| 11,200.00 | 6,840.00 | 6,827.97 | 6,827.31 | 144.96 | 2.31 | 90.58 | 1,182.39 | -279.52 | 6,215.83 | 6,167.65 | 48.19 | 128.999 | | |
| 11,300.00 | 6,840.00 | 6,828.30 | 6,827.65 | 147.58 | 2.31 | 90.59 | 1,182.39 | -279.53 | 6,309.52 | 6,261.15 | 48.37 | 130.451 | | |
| 11,400.00 | 6,840.00 | 6,828.64 | 6,827.99 | 150.20 | 2.31 | 90.60 | 1,182.39 | -279.53 | 6,403.40 | 6,354.85 | 48.54 | 131.908 | | |
| 11,500.00 | 6,840.00 | 6,828.98 | 6,828.33 | 152.83 | 2.31 | 90.61 | 1,182.39 | -279.53 | 6,497.46 | 6,448.74 | 48.72 | 133.369 | | |
| 11,600.00 | 6,840.00 | 6,829.32 | 6,828.66 | 155.46 | 2.31 | 90.62 | 1,182.39 | -279.53 | 6,591.69 | 6,542.81 | 48.89 | 134.835 | | |
| 11,700.00 | 6,840.00 | 6,829.65 | 6,829.00 | 158.09 | 2.31 | 90.63 | 1,182.39 | -279.53 | 6,686.09 | 6,637.04 | 49.05 | 136.303 | | |
| 11,800.00 | 6,840.00 | 6,829.99 | 6,829.34 | 160.73 | 2.31 | 90.64 | 1,182.39 | -279.53 | 6,780.66 | 6,731.44 | 49.22 | 137.776 | | |
| 11,900.00 | 6,840.00 | 6,830.32 | 6,829.67 | 163.36 | 2.31 | 90.65 | 1,182.39 | -279.53 | 6,875.37 | 6,826.00 | 49.37 | 139.251 | | |
| 12,000.00 | 6,840.00 | 6,830.66 | 6,830.01 | 166.01 | 2.31 | 90.65 | 1,182.39 | -279.53 | 6,970.24 | 6,920.71 | 49.53 | 140.729 | | |
| 12,100.00 | 6,840.00 | 6,830.99 | 6,830.34 | 168.65 | 2.31 | 90.66 | 1,182.39 | -279.53 | 7,065.25 | 7,015.56 | 49.68 | 142.210 | | |
| 12,200.00 | 6,840.00 | 6,831.33 | 6,830.68 | 171.30 | 2.31 | 90.67 | 1,182.39 | -279.54 | 7,160.39 | 7,110.56 | 49.83 | 143.692 | | |
| 12,300.00 | 6,840.00 | 6,831.66 | 6,831.01 | 173.94 | 2.31 | 90.68 | 1,182.39 | -279.54 | 7,255.66 | 7,205.68 | 49.98 | 145.177 | | |
| 12,400.00 | 6,840.00 | 6,832.00 | 6,831.35 | 176.59 | 2.31 | 90.69 | 1,182.39 | -279.54 | 7,351.06 | 7,300.94 | 50.12 | 146.664 | | |
| 12,500.00 | 6,840.00 | 6,832.33 | 6,831.68 | 179.25 | 2.31 | 90.70 | 1,182.39 | -279.54 | 7,446.58 | 7,396.31 | 50.26 | 148.152 | | |
| 12,600.00 | 6,840.00 | 6,832.66 | 6,832.01 | 181.90 | 2.31 | 90.71 | 1,182.39 | -279.54 | 7,542.21 | 7,491.81 | 50.40 | 149.642 | | |
| 12,700.00 | 6,840.00 | 6,833.00 | 6,832.34 | 184.56 | 2.31 | 90.72 | 1,182.39 | -279.54 | 7,637.96 | 7,587.42 | 50.54 | 151.133 | | |
| 12,800.00 | 6,840.00 | 6,833.33 | 6,832.68 | 187.22 | 2.31 | 90.72 | 1,182.39 | -279.54 | 7,733.81 | 7,683.14 | 50.67 | 152.625 | | |
| 12,900.00 | 6,840.00 | 6,833.66 | 6,833.01 | 189.88 | 2.31 | 90.73 | 1,182.39 | -279.54 | 7,829.77 | 7,778.97 | 50.80 | 154.117 | | |
| 13,000.00 | 6,840.00 | 6,833.99 | 6,833.34 | 192.54 | 2.31 | 90.74 | 1,182.39 | -279.54 | 7,925.83 | 7,874.90 | 50.93 | 155.611 | | |
| 13,100.00 | 6,840.00 | 6,834.33 | 6,833.67 | 195.20 | 2.31 | 90.75 | 1,182.39 | -279.55 | 8,021.98 | 7,970.92 | 51.06 | 157.105 | | |
| 13,200.00 | 6,840.00 | 6,834.66 | 6,834.00 | 197.87 | 2.31 | 90.76 | 1,182.38 | -279.55 | 8,118.23 | 8,067.04 | 51.19 | 158.599 | | |
| 13,300.00 | 6,840.00 | 6,834.99 | 6,834.33 | 200.53 | 2.31 | 90.77 | 1,182.38 | -279.55 | 8,214.57 | 8,163.26 | 51.31 | 160.093 | | |
| 13,400.00 | 6,840.00 | 6,835.32 | 6,834.66 | 203.20 | 2.31 | 90.78 | 1,182.38 | -279.55 | 8,310.99 | 8,259.56 | 51.43 | 161.588 | | |
| 13,500.00 | 6,840.00 | 6,835.65 | 6,834.99 | 205.87 | 2.31 | 90.78 | 1,182.38 | -279.55 | 8,407.50 | 8,355.95 | 51.55 | 163.082 | | |
| 13,600.00 | 6,840.00 | 6,835.98 | 6,835.32 | 208.54 | 2.31 | 90.79 | 1,182.38 | -279.55 | 8,504.09 | 8,452.41 | 51.67 | 164.576 | | |
| 13,700.00 | 6,840.00 | 6,836.31 | 6,835.65 | 211.22 | 2.31 | 90.80 | 1,182.38 | -279.55 | 8,600.75 | 8,548.96 | 51.79 | 166.070 | | |
| 13,800.00 | 6,840.00 | 6,836.64 | 6,835.98 | 213.89 | 2.31 | 90.81 | 1,182.38 | -279.55 | 8,697.49 | 8,645.59 | 51.91 | 167.563 | | |
| 13,900.00 | 6,840.00 | 6,836.96 | 6,836.31 | 216.56 | 2.31 | 90.82 | 1,182.38 | -279.55 | 8,794.31 | 8,742.29 | 52.02 | 169.055 | | |
| 14,000.00 | 6,840.00 | 6,837.29 | 6,836.64 | 219.24 | 2.31 | 90.83 | 1,182.38 | -279.56 | 8,891.19 | 8,839.06 | 52.13 | 170.547 | | |
| 14,100.00 | 6,840.00 | 6,837.62 | 6,836.97 | 221.92 | 2.31 | 90.84 | 1,182.38 | -279.56 | 8,988.14 | 8,935.90 | 52.25 | 172.038 | | |
| 14,200.00 | 6,840.00 | 6,837.95 | 6,837.29 | 224.59 | 2.31 | 90.84 | 1,182.38 | -279.56 | 9,085.16 | 9,032.81 | 52.36 | 173.528 | | |
| 14,300.00 | 6,840.00 | 6,838.27 | 6,837.62 | 227.27 | 2.31 | 90.85 | 1,182.38 | -279.56 | 9,182.25 | 9,129.78 | 52.46 | 175.017 | | |
| 14,400.00 | 6,840.00 | 6,838.60 | 6,837.95 | 229.95 | 2.31 | 90.86 | 1,182.38 | -279.56 | 9,279.39 | 9,226.82 | 52.57 | 176.505 | | |
| 14,500.00 | 6,840.00 | 6,838.93 | 6,838.28 | 232.63 | 2.31 | 90.87 | 1,182.38 | -279.56 | 9,376.60 | 9,323.92 | 52.68 | 177.992 | | |
| 14,600.00 | 6,840.00 | 6,839.25 | 6,838.60 | 235.31 | 2.31 | 90.88 | 1,182.38 | -279.56 | 9,473.86 | 9,421.07 | 52.79 | 179.477 | | |
| 14,700.00 | 6,840.00 | 6,839.58 | 6,838.93 | 238.00 | 2.31 | 90.89 | 1,182.38 | -279.56 | 9,571.18 | 9,518.29 | 52.89 | 180.961 | | |
| 14,800.00 | 6,840.00 | 6,839.90 | 6,839.25 | 240.68 | 2.31 | 90.90 | 1,182.38 | -279.56 | 9,668.55 | 9,615.56 | 52.99 | 182.443 | | |
| 14,900.00 | 6,840.00 | 6,840.23 | 6,839.58 | 243.36 | 2.31 | 90.90 | 1,182.38 | -279.56 | 9,765.98 | 9,712.88 | 53.10 | 183.924 | | |
| 15,000.00 | 6,840.00 | 6,840.55 | 6,839.90 | 246.05 | 2.31 | 90.91 | 1,182.38 | -279.57 | 9,863.46 | 9,810.26 | 53.20 | 185.403 | | |
| 15,100.00 | 6,840.00 | 6,840.88 | 6,840.23 | 248.74 | 2.31 | 90.92 | 1,182.38 | -279.57 | 9,960.99 | 9,907.68 | 53.30 | 186.880 | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -53.98 | 722.43 | -993.52 | 1,228.93 | | | | | |
| 100.00 | 100.00 | 59.15 | 59.15 | 0.13 | 0.06 | -53.97 | 722.66 | -993.49 | 1,228.53 | 1,228.33 | 0.20 | 6,235.515 | | |
| 200.00 | 200.00 | 156.13 | 156.12 | 0.49 | 0.18 | -53.92 | 723.81 | -993.38 | 1,229.13 | 1,228.46 | 0.67 | 1,830.066 | | |
| 300.00 | 300.00 | 255.71 | 255.69 | 0.85 | 0.28 | -53.88 | 724.85 | -993.41 | 1,229.77 | 1,228.64 | 1.13 | 1,088.975 | | |
| 400.00 | 400.00 | 354.78 | 354.77 | 1.21 | 0.36 | -53.87 | 725.53 | -993.79 | 1,230.49 | 1,228.93 | 1.56 | 789.488 | | |
| 500.00 | 500.00 | 450.62 | 450.60 | 1.57 | 0.42 | -53.85 | 726.32 | -994.23 | 1,231.34 | 1,229.37 | 1.98 | 622.581 | | |
| 600.00 | 599.98 | 546.72 | 546.69 | 1.92 | 0.47 | 62.02 | 727.24 | -995.12 | 1,231.84 | 1,229.46 | 2.38 | 517.731 | | |
| 700.00 | 699.84 | 646.70 | 646.66 | 2.26 | 0.53 | 62.27 | 728.34 | -996.06 | 1,230.80 | 1,228.02 | 2.78 | 443.330 | | |
| 800.00 | 799.45 | 747.42 | 747.37 | 2.62 | 0.58 | 62.70 | 729.56 | -996.87 | 1,228.13 | 1,224.95 | 3.18 | 385.941 | | |
| 900.00 | 898.70 | 848.33 | 848.27 | 2.99 | 0.63 | 63.32 | 730.78 | -997.52 | 1,223.81 | 1,220.21 | 3.60 | 339.868 | | |
| 1,000.00 | 997.47 | 949.60 | 949.54 | 3.39 | 0.68 | 64.11 | 731.82 | -998.11 | 1,217.92 | 1,213.88 | 4.04 | 301.644 | | |
| 1,100.00 | 1,095.62 | 1,048.54 | 1,048.47 | 3.81 | 0.72 | 65.06 | 732.47 | -998.73 | 1,210.51 | 1,206.02 | 4.50 | 269.138 | | |
| 1,200.00 | 1,193.06 | 1,146.07 | 1,146.00 | 4.27 | 0.76 | 66.17 | 733.12 | -999.41 | 1,202.00 | 1,197.02 | 4.99 | 240.966 | | |
| 1,300.00 | 1,289.64 | 1,241.56 | 1,241.48 | 4.77 | 0.80 | 67.43 | 733.62 | -1,000.11 | 1,192.42 | 1,186.91 | 5.51 | 216.219 | | |
| 1,400.00 | 1,385.27 | 1,335.09 | 1,335.00 | 5.31 | 0.84 | 68.84 | 734.20 | -1,001.09 | 1,182.34 | 1,176.26 | 6.08 | 194.329 | | |
| 1,500.00 | 1,479.82 | 1,430.66 | 1,430.56 | 5.91 | 0.88 | 70.46 | 734.64 | -1,002.12 | 1,171.61 | 1,164.90 | 6.70 | 174.760 | | |
| 1,600.00 | 1,573.19 | 1,522.29 | 1,522.19 | 6.55 | 0.91 | 72.15 | 735.27 | -1,003.14 | 1,160.77 | 1,153.39 | 7.38 | 157.337 | | |
| 1,700.00 | 1,666.16 | 1,619.54 | 1,619.44 | 7.23 | 0.95 | 73.84 | 735.75 | -1,004.16 | 1,150.41 | 1,142.32 | 8.09 | 142.210 | | |
| 1,800.00 | 1,759.13 | 1,712.71 | 1,712.59 | 7.93 | 0.98 | 75.46 | 735.89 | -1,005.28 | 1,140.95 | 1,132.13 | 8.82 | 129.366 | | |
| 1,900.00 | 1,852.10 | 1,803.56 | 1,803.44 | 8.64 | 1.01 | 77.06 | 735.95 | -1,006.65 | 1,132.67 | 1,123.11 | 9.56 | 118.423 | | |
| 2,000.00 | 1,945.06 | 1,895.65 | 1,895.51 | 9.35 | 1.05 | 78.70 | 736.15 | -1,008.11 | 1,125.62 | 1,115.29 | 10.32 | 109.036 | | |
| 2,100.00 | 2,038.03 | 1,977.98 | 1,977.83 | 10.08 | 1.08 | 80.20 | 736.91 | -1,009.37 | 1,120.16 | 1,109.07 | 11.09 | 101.009 | | |
| 2,200.00 | 2,131.00 | 2,063.64 | 2,063.46 | 10.81 | 1.11 | 81.79 | 738.64 | -1,010.69 | 1,116.68 | 1,104.82 | 11.87 | 94.113 | | |
| 2,300.00 | 2,223.97 | 2,153.37 | 2,153.15 | 11.54 | 1.14 | 83.48 | 741.00 | -1,012.06 | 1,114.85 | 1,102.21 | 12.65 | 88.155 | | |
| 2,396.59 | 2,313.76 | 2,243.57 | 2,243.30 | 12.25 | 1.18 | 85.18 | 743.45 | -1,013.47 | 1,114.33 | 1,100.93 | 13.40 | 83.140 CC | | |
| 2,400.00 | 2,316.94 | 2,246.81 | 2,246.55 | 12.28 | 1.18 | 85.25 | 743.54 | -1,013.52 | 1,114.33 | 1,100.90 | 13.43 | 82.975 | | |
| 2,500.00 | 2,409.90 | 2,343.32 | 2,343.01 | 13.02 | 1.21 | 87.10 | 746.33 | -1,014.40 | 1,114.88 | 1,100.66 | 14.21 | 78.444 ES | | |
| 2,600.00 | 2,502.87 | 2,442.59 | 2,442.25 | 13.77 | 1.24 | 89.03 | 749.05 | -1,014.56 | 1,116.24 | 1,101.24 | 14.99 | 74.459 | | |
| 2,700.00 | 2,595.84 | 2,541.24 | 2,540.87 | 14.51 | 1.27 | 90.94 | 751.19 | -1,014.44 | 1,118.28 | 1,102.52 | 15.76 | 70.944 | | |
| 2,800.00 | 2,688.81 | 2,635.02 | 2,634.63 | 15.26 | 1.30 | 92.74 | 752.84 | -1,014.41 | 1,121.28 | 1,104.76 | 16.52 | 67.863 | | |
| 2,900.00 | 2,781.77 | 2,726.58 | 2,726.18 | 16.01 | 1.33 | 94.45 | 754.20 | -1,015.24 | 1,125.61 | 1,108.33 | 17.27 | 65.173 | | |
| 3,000.00 | 2,874.74 | 2,820.00 | 2,819.59 | 16.76 | 1.37 | 96.18 | 755.60 | -1,016.02 | 1,131.10 | 1,113.09 | 18.01 | 62.801 | | |
| 3,100.00 | 2,967.71 | 2,912.35 | 2,911.92 | 17.52 | 1.40 | 97.88 | 757.09 | -1,016.63 | 1,137.80 | 1,119.07 | 18.74 | 60.726 | | |
| 3,200.00 | 3,060.68 | 3,007.95 | 3,007.51 | 18.27 | 1.43 | 99.63 | 758.57 | -1,017.16 | 1,145.58 | 1,126.13 | 19.45 | 58.897 | | |
| 3,300.00 | 3,153.65 | 3,110.17 | 3,109.73 | 19.03 | 1.47 | 101.48 | 759.66 | -1,017.41 | 1,153.99 | 1,133.83 | 20.15 | 57.259 | | |
| 3,400.00 | 3,246.61 | 3,209.77 | 3,209.32 | 19.78 | 1.50 | 103.26 | 760.04 | -1,017.57 | 1,162.89 | 1,142.05 | 20.83 | 55.823 | | |
| 3,500.00 | 3,339.58 | 3,297.40 | 3,296.95 | 20.54 | 1.53 | 104.79 | 760.32 | -1,017.96 | 1,172.86 | 1,151.37 | 21.49 | 54.588 | | |
| 3,600.00 | 3,432.55 | 3,394.55 | 3,394.10 | 21.30 | 1.55 | 106.43 | 760.54 | -1,019.06 | 1,183.89 | 1,161.76 | 22.13 | 53.507 | | |
| 3,700.00 | 3,525.52 | 3,476.65 | 3,476.18 | 22.06 | 1.58 | 107.76 | 760.87 | -1,020.51 | 1,196.12 | 1,173.39 | 22.74 | 52.607 | | |
| 3,800.00 | 3,618.49 | 3,574.42 | 3,573.93 | 22.82 | 1.61 | 109.34 | 761.79 | -1,022.14 | 1,209.78 | 1,186.43 | 23.35 | 51.814 | | |
| 3,900.00 | 3,711.45 | 3,665.79 | 3,665.30 | 23.57 | 1.64 | 110.80 | 762.29 | -1,023.20 | 1,223.94 | 1,200.00 | 23.94 | 51.135 | | |
| 4,000.00 | 3,804.42 | 3,756.23 | 3,755.73 | 24.33 | 1.67 | 112.22 | 763.14 | -1,024.02 | 1,239.35 | 1,214.84 | 24.51 | 50.572 | | |
| 4,100.00 | 3,897.39 | 3,852.46 | 3,851.95 | 25.09 | 1.70 | 113.70 | 764.04 | -1,024.92 | 1,255.62 | 1,230.55 | 25.07 | 50.087 | | |
| 4,200.00 | 3,990.36 | 3,946.86 | 3,946.34 | 25.86 | 1.73 | 115.12 | 764.61 | -1,025.88 | 1,272.41 | 1,246.80 | 25.61 | 49.681 | | |
| 4,300.00 | 4,083.32 | 4,036.57 | 4,036.04 | 26.62 | 1.77 | 116.42 | 765.32 | -1,027.01 | 1,290.17 | 1,264.04 | 26.13 | 49.368 | | |
| 4,400.00 | 4,176.29 | 4,126.03 | 4,125.49 | 27.38 | 1.80 | 117.69 | 766.27 | -1,028.04 | 1,308.95 | 1,282.31 | 26.64 | 49.131 | | |
| 4,500.00 | 4,269.26 | 4,215.75 | 4,215.20 | 28.14 | 1.83 | 118.93 | 767.49 | -1,029.12 | 1,328.72 | 1,301.58 | 27.14 | 48.960 | | |
| 4,600.00 | 4,362.23 | 4,306.71 | 4,306.13 | 28.90 | 1.86 | 120.15 | 768.92 | -1,030.39 | 1,349.37 | 1,321.74 | 27.63 | 48.844 | | |
| 4,700.00 | 4,455.20 | 4,392.19 | 4,391.59 | 29.66 | 1.89 | 121.26 | 770.60 | -1,031.63 | 1,371.02 | 1,342.93 | 28.09 | 48.805 | | |
| 4,800.00 | 4,548.16 | 4,483.16 | 4,482.52 | 30.43 | 1.92 | 122.40 | 772.72 | -1,033.00 | 1,393.62 | 1,365.06 | 28.56 | 48.798 | | |
| 4,900.00 | 4,641.13 | 4,583.17 | 4,582.50 | 31.19 | 1.96 | 123.63 | 774.89 | -1,034.37 | 1,416.68 | 1,387.65 | 29.03 | 48.793 | | |
| 5,000.00 | 4,734.10 | 4,688.39 | 4,687.71 | 31.95 | 1.99 | 124.91 | 776.28 | -1,035.09 | 1,439.66 | 1,410.16 | 29.51 | 48.793 SF | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,790.95 | 4,790.26 | 32.71 | 2.02 | 126.14 | 776.74 | -1,035.42 | 1,462.48 | 1,432.53 | 29.95 | 48.832 | | |
| 5,200.00 | 4,920.04 | 4,889.78 | 4,889.10 | 33.48 | 2.04 | 127.29 | 776.66 | -1,035.74 | 1,485.38 | 1,455.02 | 30.36 | 48.918 | | |
| 5,300.00 | 5,013.00 | 4,987.96 | 4,987.27 | 34.24 | 2.05 | 128.41 | 776.24 | -1,036.12 | 1,508.49 | 1,477.72 | 30.77 | 49.032 | | |
| 5,400.00 | 5,105.97 | 5,085.84 | 5,085.15 | 35.00 | 2.05 | 129.49 | 775.50 | -1,036.55 | 1,531.81 | 1,500.65 | 31.16 | 49.162 | | |
| 5,500.00 | 5,198.94 | 5,181.12 | 5,180.42 | 35.77 | 2.06 | 130.51 | 774.59 | -1,037.05 | 1,555.41 | 1,523.87 | 31.54 | 49.312 | | |
| 5,600.00 | 5,291.91 | 5,281.01 | 5,280.30 | 36.53 | 2.06 | 131.54 | 773.40 | -1,037.63 | 1,579.26 | 1,547.33 | 31.93 | 49.461 | | |
| 5,700.00 | 5,384.87 | 5,375.05 | 5,374.34 | 37.29 | 2.07 | 132.49 | 772.03 | -1,038.31 | 1,603.28 | 1,570.98 | 32.30 | 49.633 | | |
| 5,800.00 | 5,477.84 | 5,477.41 | 5,476.68 | 38.06 | 2.07 | 133.49 | 770.41 | -1,039.23 | 1,627.57 | 1,594.88 | 32.69 | 49.788 | | |
| 5,900.00 | 5,570.81 | 5,562.66 | 5,561.91 | 38.82 | 2.07 | 134.31 | 768.74 | -1,039.73 | 1,652.04 | 1,619.00 | 33.04 | 50.005 | | |
| 6,000.00 | 5,663.78 | 5,653.17 | 5,632.41 | 39.59 | 2.07 | 134.97 | 767.94 | -1,039.84 | 1,677.78 | 1,644.44 | 33.35 | 50.312 | | |
| 6,100.00 | 5,756.75 | 5,700.00 | 5,699.24 | 40.35 | 2.07 | 135.59 | 768.24 | -1,039.32 | 1,705.52 | 1,671.88 | 33.64 | 50.702 | | |
| 6,200.00 | 5,849.71 | 5,785.00 | 5,784.22 | 41.12 | 2.07 | 136.38 | 769.27 | -1,038.06 | 1,734.57 | 1,700.59 | 33.98 | 51.050 | | |
| 6,300.00 | 5,942.68 | 5,874.65 | 5,873.86 | 41.88 | 2.08 | 137.19 | 770.25 | -1,036.32 | 1,764.07 | 1,729.74 | 34.32 | 51.399 | | |
| 6,400.00 | 6,035.65 | 5,962.10 | 5,961.27 | 42.64 | 2.08 | 137.98 | 771.19 | -1,034.19 | 1,794.11 | 1,759.45 | 34.65 | 51.774 | | |
| 6,500.00 | 6,128.62 | 6,035.12 | 6,034.25 | 43.41 | 2.08 | 138.63 | 772.13 | -1,031.94 | 1,824.95 | 1,790.01 | 34.94 | 52.229 | | |
| 6,600.00 | 6,221.59 | 6,100.00 | 6,099.04 | 44.17 | 2.08 | 139.21 | 773.53 | -1,028.79 | 1,857.51 | 1,822.32 | 35.20 | 52.777 | | |
| 6,700.00 | 6,314.55 | 6,168.74 | 6,167.62 | 44.94 | 2.09 | 139.84 | 775.60 | -1,024.63 | 1,891.61 | 1,856.16 | 35.45 | 53.357 | | |
| 6,800.00 | 6,407.52 | 6,337.28 | 6,335.93 | 45.70 | 2.10 | 141.23 | 779.70 | -1,017.42 | 1,925.10 | 1,889.12 | 35.99 | 53.496 | | |
| 6,900.00 | 6,499.98 | 6,459.45 | 6,458.08 | 46.49 | 2.12 | 136.77 | 781.06 | -1,017.11 | 1,956.43 | 1,920.00 | 36.43 | 53.702 | | |
| 7,000.00 | 6,586.50 | 6,561.10 | 6,559.72 | 47.49 | 2.15 | 128.22 | 781.55 | -1,018.42 | 1,992.22 | 1,955.33 | 36.89 | 54.008 | | |
| 7,100.00 | 6,663.58 | 6,644.08 | 6,642.69 | 48.75 | 2.17 | 121.84 | 781.75 | -1,019.78 | 2,034.18 | 1,996.82 | 37.36 | 54.446 | | |
| 7,200.00 | 6,728.87 | 6,715.07 | 6,713.67 | 50.23 | 2.18 | 116.08 | 781.73 | -1,020.93 | 2,082.02 | 2,044.16 | 37.86 | 54.992 | | |
| 7,300.00 | 6,780.38 | 6,773.76 | 6,772.36 | 51.91 | 2.20 | 110.18 | 781.59 | -1,021.95 | 2,135.14 | 2,096.77 | 38.37 | 55.649 | | |
| 7,400.00 | 6,816.56 | 6,815.97 | 6,814.55 | 53.74 | 2.21 | 103.67 | 781.42 | -1,022.75 | 2,192.68 | 2,153.83 | 38.85 | 56.436 | | |
| 7,500.00 | 6,836.29 | 6,838.12 | 6,836.70 | 55.65 | 2.21 | 96.34 | 781.32 | -1,023.19 | 2,253.54 | 2,214.26 | 39.28 | 57.374 | | |
| 7,600.00 | 6,840.00 | 6,844.16 | 6,842.74 | 57.58 | 2.21 | 91.24 | 781.28 | -1,023.31 | 2,316.28 | 2,276.64 | 39.64 | 58.437 | | |
| 7,700.00 | 6,840.00 | 6,846.27 | 6,844.85 | 59.56 | 2.21 | 91.31 | 781.27 | -1,023.35 | 2,381.23 | 2,341.25 | 39.98 | 59.564 | | |
| 7,800.00 | 6,840.00 | 6,848.40 | 6,846.97 | 61.60 | 2.21 | 91.38 | 781.26 | -1,023.39 | 2,448.53 | 2,408.22 | 40.31 | 60.742 | | |
| 7,900.00 | 6,840.00 | 6,850.52 | 6,849.10 | 63.69 | 2.21 | 91.45 | 781.25 | -1,023.44 | 2,518.01 | 2,477.38 | 40.63 | 61.968 | | |
| 8,000.00 | 6,840.00 | 6,852.66 | 6,851.24 | 65.82 | 2.21 | 91.52 | 781.24 | -1,023.48 | 2,589.48 | 2,548.54 | 40.95 | 63.240 | | |
| 8,100.00 | 6,840.00 | 6,854.80 | 6,853.38 | 67.99 | 2.21 | 91.58 | 781.23 | -1,023.52 | 2,662.80 | 2,621.55 | 41.25 | 64.555 | | |
| 8,200.00 | 6,840.00 | 6,856.95 | 6,855.52 | 70.21 | 2.22 | 91.65 | 781.22 | -1,023.56 | 2,737.79 | 2,696.26 | 41.54 | 65.911 | | |
| 8,300.00 | 6,840.00 | 6,859.10 | 6,857.67 | 72.45 | 2.22 | 91.72 | 781.21 | -1,023.61 | 2,814.35 | 2,772.53 | 41.82 | 67.304 | | |
| 8,400.00 | 6,840.00 | 6,861.26 | 6,859.83 | 74.73 | 2.22 | 91.79 | 781.19 | -1,023.65 | 2,892.33 | 2,850.25 | 42.08 | 68.733 | | |
| 8,500.00 | 6,840.00 | 6,863.42 | 6,862.00 | 77.04 | 2.22 | 91.86 | 781.18 | -1,023.70 | 2,971.63 | 2,929.29 | 42.33 | 70.194 | | |
| 8,600.00 | 6,840.00 | 6,865.59 | 6,864.17 | 79.38 | 2.22 | 91.93 | 781.17 | -1,023.74 | 3,052.14 | 3,009.57 | 42.58 | 71.685 | | |
| 8,700.00 | 6,840.00 | 6,867.77 | 6,866.35 | 81.74 | 2.22 | 92.00 | 781.16 | -1,023.78 | 3,133.78 | 3,090.97 | 42.81 | 73.204 | | |
| 8,800.00 | 6,840.00 | 6,869.96 | 6,868.53 | 84.12 | 2.22 | 92.07 | 781.14 | -1,023.83 | 3,216.45 | 3,173.42 | 43.03 | 74.749 | | |
| 8,900.00 | 6,840.00 | 6,872.15 | 6,870.72 | 86.52 | 2.22 | 92.14 | 781.13 | -1,023.87 | 3,300.08 | 3,256.84 | 43.24 | 76.319 | | |
| 9,000.00 | 6,840.00 | 6,874.35 | 6,872.92 | 88.94 | 2.22 | 92.21 | 781.12 | -1,023.92 | 3,384.60 | 3,341.16 | 43.44 | 77.910 | | |
| 9,100.00 | 6,840.00 | 6,876.55 | 6,875.12 | 91.38 | 2.22 | 92.28 | 781.11 | -1,023.96 | 3,469.94 | 3,426.30 | 43.64 | 79.521 | | |
| 9,200.00 | 6,840.00 | 6,878.76 | 6,877.33 | 93.83 | 2.22 | 92.35 | 781.09 | -1,024.01 | 3,556.04 | 3,512.22 | 43.82 | 81.151 | | |
| 9,300.00 | 6,840.00 | 6,880.98 | 6,879.55 | 96.30 | 2.22 | 92.42 | 781.08 | -1,024.05 | 3,642.85 | 3,598.85 | 44.00 | 82.798 | | |
| 9,400.00 | 6,840.00 | 6,883.20 | 6,881.77 | 98.79 | 2.22 | 92.49 | 781.07 | -1,024.10 | 3,730.32 | 3,686.15 | 44.17 | 84.461 | | |
| 9,500.00 | 6,840.00 | 6,885.43 | 6,884.00 | 101.28 | 2.22 | 92.57 | 781.05 | -1,024.14 | 3,818.40 | 3,774.08 | 44.33 | 86.139 | | |
| 9,600.00 | 6,840.00 | 6,887.67 | 6,886.24 | 103.79 | 2.22 | 92.64 | 781.04 | -1,024.19 | 3,907.06 | 3,862.58 | 44.48 | 87.830 | | |
| 9,700.00 | 6,840.00 | 6,889.91 | 6,888.48 | 106.30 | 2.22 | 92.71 | 781.03 | -1,024.23 | 3,996.25 | 3,951.62 | 44.63 | 89.532 | | |
| 9,800.00 | 6,840.00 | 6,892.16 | 6,890.73 | 108.83 | 2.22 | 92.78 | 781.01 | -1,024.28 | 4,085.94 | 4,041.16 | 44.78 | 91.246 | | |
| 9,900.00 | 6,840.00 | 6,894.41 | 6,892.98 | 111.37 | 2.22 | 92.85 | 781.00 | -1,024.33 | 4,176.10 | 4,131.18 | 44.92 | 92.971 | | |
| 10,000.00 | 6,840.00 | 6,896.68 | 6,895.25 | 113.91 | 2.22 | 92.93 | 780.99 | -1,024.37 | 4,266.70 | 4,221.64 | 45.05 | 94.704 | | |
| 10,100.00 | 6,840.00 | 6,898.95 | 6,897.51 | 116.47 | 2.22 | 93.00 | 780.97 | -1,024.42 | 4,357.70 | 4,312.52 | 45.18 | 96.446 | | |
| 10,200.00 | 6,840.00 | 6,901.22 | 6,899.79 | 119.03 | 2.22 | 93.07 | 780.96 | -1,024.47 | 4,449.09 | 4,403.78 | 45.31 | 98.196 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,903.51 | 6,902.07 | 121.59 | 2.22 | 93.15 | 780.94 | -1,024.52 | 4,540.84 | 4,495.41 | 45.43 | 99.952 | | |
| 10,400.00 | 6,840.00 | 6,905.80 | 6,904.36 | 124.17 | 2.23 | 93.22 | 780.93 | -1,024.56 | 4,632.94 | 4,587.39 | 45.55 | 101.715 | | |
| 10,500.00 | 6,840.00 | 6,908.09 | 6,906.66 | 126.75 | 2.23 | 93.29 | 780.91 | -1,024.61 | 4,725.35 | 4,679.69 | 45.66 | 103.483 | | |
| 10,600.00 | 6,840.00 | 6,910.40 | 6,908.96 | 129.34 | 2.23 | 93.37 | 780.90 | -1,024.66 | 4,818.06 | 4,772.29 | 45.77 | 105.257 | | |
| 10,700.00 | 6,840.00 | 6,912.71 | 6,911.27 | 131.93 | 2.23 | 93.44 | 780.88 | -1,024.71 | 4,911.06 | 4,865.18 | 45.88 | 107.035 | | |
| 10,800.00 | 6,840.00 | 6,915.03 | 6,913.59 | 134.53 | 2.23 | 93.51 | 780.87 | -1,024.76 | 5,004.33 | 4,958.35 | 45.99 | 108.817 | | |
| 10,900.00 | 6,840.00 | 6,912.89 | 6,911.45 | 137.13 | 2.23 | 93.45 | 780.88 | -1,024.71 | 5,097.86 | 5,051.79 | 46.08 | 110.640 | | |
| 11,000.00 | 6,840.00 | 6,914.55 | 6,913.11 | 139.73 | 2.23 | 93.50 | 780.87 | -1,024.74 | 5,191.63 | 5,145.46 | 46.17 | 112.435 | | |
| 11,100.00 | 6,840.00 | 6,916.19 | 6,914.76 | 142.35 | 2.23 | 93.55 | 780.86 | -1,024.77 | 5,285.62 | 5,239.35 | 46.27 | 114.232 | | |
| 11,200.00 | 6,840.00 | 6,917.82 | 6,916.39 | 144.96 | 2.23 | 93.60 | 780.85 | -1,024.80 | 5,379.83 | 5,333.47 | 46.36 | 116.032 | | |
| 11,300.00 | 6,840.00 | 6,919.45 | 6,918.01 | 147.58 | 2.23 | 93.66 | 780.84 | -1,024.84 | 5,474.25 | 5,427.79 | 46.46 | 117.835 | | |
| 11,400.00 | 6,840.00 | 6,921.06 | 6,919.62 | 150.20 | 2.23 | 93.71 | 780.83 | -1,024.87 | 5,568.86 | 5,522.31 | 46.55 | 119.639 | | |
| 11,500.00 | 6,840.00 | 6,922.65 | 6,921.22 | 152.83 | 2.23 | 93.76 | 780.82 | -1,024.90 | 5,663.65 | 5,617.01 | 46.64 | 121.445 | | |
| 11,600.00 | 6,840.00 | 6,924.24 | 6,922.80 | 155.46 | 2.23 | 93.81 | 780.81 | -1,024.93 | 5,758.62 | 5,711.90 | 46.72 | 123.252 | | |
| 11,700.00 | 6,840.00 | 6,925.82 | 6,924.38 | 158.09 | 2.23 | 93.86 | 780.80 | -1,024.96 | 5,853.76 | 5,806.95 | 46.81 | 125.059 | | |
| 11,800.00 | 6,840.00 | 6,927.38 | 6,925.94 | 160.73 | 2.23 | 93.91 | 780.79 | -1,024.99 | 5,949.05 | 5,902.16 | 46.89 | 126.868 | | |
| 11,900.00 | 6,840.00 | 6,928.93 | 6,927.49 | 163.36 | 2.23 | 93.96 | 780.78 | -1,025.02 | 6,044.50 | 5,997.52 | 46.97 | 128.676 | | |
| 12,000.00 | 6,840.00 | 6,930.47 | 6,929.03 | 166.01 | 2.23 | 94.01 | 780.77 | -1,025.05 | 6,140.09 | 6,093.03 | 47.06 | 130.485 | | |
| 12,100.00 | 6,840.00 | 6,932.01 | 6,930.57 | 168.65 | 2.23 | 94.06 | 780.76 | -1,025.08 | 6,235.82 | 6,188.68 | 47.14 | 132.294 | | |
| 12,200.00 | 6,840.00 | 6,933.53 | 6,932.09 | 171.30 | 2.23 | 94.11 | 780.75 | -1,025.11 | 6,331.68 | 6,284.46 | 47.22 | 134.102 | | |
| 12,300.00 | 6,840.00 | 6,935.04 | 6,933.60 | 173.94 | 2.23 | 94.15 | 780.74 | -1,025.14 | 6,427.66 | 6,380.37 | 47.29 | 135.910 | | |
| 12,400.00 | 6,840.00 | 6,936.54 | 6,935.09 | 176.59 | 2.23 | 94.20 | 780.73 | -1,025.17 | 6,523.77 | 6,476.40 | 47.37 | 137.717 | | |
| 12,500.00 | 6,840.00 | 6,938.02 | 6,936.58 | 179.25 | 2.23 | 94.25 | 780.72 | -1,025.20 | 6,619.99 | 6,572.55 | 47.45 | 139.523 | | |
| 12,600.00 | 6,840.00 | 6,939.50 | 6,938.06 | 181.90 | 2.23 | 94.30 | 780.71 | -1,025.23 | 6,716.32 | 6,668.80 | 47.52 | 141.327 | | |
| 12,700.00 | 6,840.00 | 6,940.97 | 6,939.53 | 184.56 | 2.23 | 94.34 | 780.70 | -1,025.25 | 6,812.76 | 6,765.16 | 47.60 | 143.131 | | |
| 12,800.00 | 6,840.00 | 6,942.43 | 6,940.99 | 187.22 | 2.23 | 94.39 | 780.70 | -1,025.28 | 6,909.30 | 6,861.63 | 47.67 | 144.933 | | |
| 12,900.00 | 6,840.00 | 6,943.88 | 6,942.44 | 189.88 | 2.23 | 94.44 | 780.69 | -1,025.31 | 7,005.93 | 6,958.19 | 47.75 | 146.733 | | |
| 13,000.00 | 6,840.00 | 6,945.32 | 6,943.87 | 192.54 | 2.23 | 94.48 | 780.68 | -1,025.34 | 7,102.66 | 7,054.84 | 47.82 | 148.532 | | |
| 13,100.00 | 6,840.00 | 6,946.75 | 6,945.30 | 195.20 | 2.23 | 94.53 | 780.67 | -1,025.36 | 7,199.48 | 7,151.58 | 47.89 | 150.328 | | |
| 13,200.00 | 6,840.00 | 6,948.17 | 6,946.72 | 197.87 | 2.23 | 94.57 | 780.66 | -1,025.39 | 7,296.38 | 7,248.41 | 47.96 | 152.123 | | |
| 13,300.00 | 6,840.00 | 6,949.58 | 6,948.13 | 200.53 | 2.23 | 94.62 | 780.65 | -1,025.41 | 7,393.36 | 7,345.33 | 48.04 | 153.915 | | |
| 13,400.00 | 6,840.00 | 6,950.98 | 6,949.53 | 203.20 | 2.23 | 94.66 | 780.64 | -1,025.44 | 7,490.42 | 7,442.32 | 48.11 | 155.705 | | |
| 13,500.00 | 6,840.00 | 6,952.37 | 6,950.92 | 205.87 | 2.23 | 94.71 | 780.63 | -1,025.47 | 7,587.56 | 7,539.39 | 48.18 | 157.492 | | |
| 13,600.00 | 6,840.00 | 6,953.75 | 6,952.30 | 208.54 | 2.23 | 94.75 | 780.62 | -1,025.49 | 7,684.77 | 7,636.53 | 48.25 | 159.277 | | |
| 13,700.00 | 6,840.00 | 6,955.12 | 6,953.68 | 211.22 | 2.23 | 94.79 | 780.61 | -1,025.52 | 7,782.06 | 7,733.74 | 48.32 | 161.059 | | |
| 13,800.00 | 6,840.00 | 6,956.48 | 6,955.04 | 213.89 | 2.24 | 94.84 | 780.61 | -1,025.54 | 7,879.41 | 7,831.02 | 48.39 | 162.838 | | |
| 13,900.00 | 6,840.00 | 6,957.84 | 6,956.39 | 216.56 | 2.24 | 94.88 | 780.60 | -1,025.57 | 7,976.82 | 7,928.36 | 48.46 | 164.614 | | |
| 14,000.00 | 6,840.00 | 6,959.18 | 6,957.74 | 219.24 | 2.24 | 94.92 | 780.59 | -1,025.59 | 8,074.30 | 8,025.77 | 48.53 | 166.388 | | |
| 14,100.00 | 6,840.00 | 6,960.52 | 6,959.07 | 221.92 | 2.24 | 94.97 | 780.58 | -1,025.61 | 8,171.84 | 8,123.24 | 48.60 | 168.158 | | |
| 14,200.00 | 6,840.00 | 6,961.85 | 6,960.40 | 224.59 | 2.24 | 95.01 | 780.57 | -1,025.64 | 8,269.44 | 8,220.77 | 48.67 | 169.925 | | |
| 14,300.00 | 6,840.00 | 6,963.17 | 6,961.72 | 227.27 | 2.24 | 95.05 | 780.56 | -1,025.66 | 8,367.09 | 8,318.35 | 48.73 | 171.688 | | |
| 14,400.00 | 6,840.00 | 6,964.48 | 6,963.03 | 229.95 | 2.24 | 95.09 | 780.55 | -1,025.69 | 8,464.80 | 8,415.99 | 48.80 | 173.449 | | |
| 14,500.00 | 6,840.00 | 6,965.78 | 6,964.33 | 232.63 | 2.24 | 95.13 | 780.55 | -1,025.71 | 8,562.56 | 8,513.69 | 48.87 | 175.205 | | |
| 14,600.00 | 6,840.00 | 6,967.07 | 6,965.63 | 235.31 | 2.24 | 95.18 | 780.54 | -1,025.73 | 8,660.37 | 8,611.43 | 48.94 | 176.959 | | |
| 14,700.00 | 6,840.00 | 6,968.36 | 6,966.91 | 238.00 | 2.24 | 95.22 | 780.53 | -1,025.75 | 8,758.23 | 8,709.22 | 49.01 | 178.708 | | |
| 14,800.00 | 6,840.00 | 6,969.64 | 6,968.19 | 240.68 | 2.24 | 95.26 | 780.52 | -1,025.78 | 8,856.14 | 8,807.06 | 49.08 | 180.454 | | |
| 14,900.00 | 6,840.00 | 6,970.91 | 6,969.46 | 243.36 | 2.24 | 95.30 | 780.51 | -1,025.80 | 8,954.09 | 8,904.95 | 49.15 | 182.196 | | |
| 15,000.00 | 6,840.00 | 6,972.17 | 6,970.72 | 246.05 | 2.24 | 95.34 | 780.50 | -1,025.82 | 9,052.09 | 9,002.88 | 49.21 | 183.935 | | |
| 15,100.00 | 6,840.00 | 6,973.42 | 6,971.97 | 248.74 | 2.24 | 95.38 | 780.50 | -1,025.84 | 9,150.13 | 9,100.85 | 49.28 | 185.669 | | |
| 15,200.00 | 6,840.00 | 6,974.66 | 6,973.22 | 251.42 | 2.24 | 95.42 | 780.49 | -1,025.87 | 9,248.22 | 9,198.87 | 49.35 | 187.400 | | |
| 15,300.00 | 6,840.00 | 6,975.90 | 6,974.45 | 254.11 | 2.24 | 95.46 | 780.48 | -1,025.89 | 9,346.34 | 9,296.92 | 49.42 | 189.126 | | |
| 15,400.00 | 6,840.00 | 6,977.13 | 6,975.68 | 256.80 | 2.24 | 95.50 | 780.47 | -1,025.91 | 9,444.50 | 9,395.02 | 49.49 | 190.848 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 15,500.00 | 6,840.00 | 6,978.35 | 6,976.90 | 259.49 | 2.24 | 95.53 | 780.46 | -1,025.93 | 9,542.71 | 9,493.15 | 49.56 | 192.567 | |
| 15,600.00 | 6,840.00 | 6,979.57 | 6,978.12 | 262.17 | 2.24 | 95.57 | 780.46 | -1,025.95 | 9,640.94 | 9,591.32 | 49.62 | 194.281 | |
| 15,700.00 | 6,840.00 | 6,980.77 | 6,979.32 | 264.86 | 2.24 | 95.61 | 780.45 | -1,025.97 | 9,739.22 | 9,689.52 | 49.69 | 195.990 | |
| 15,800.00 | 6,840.00 | 6,981.97 | 6,980.52 | 267.55 | 2.24 | 95.65 | 780.44 | -1,025.99 | 9,837.53 | 9,787.76 | 49.76 | 197.696 | |
| 15,900.00 | 6,840.00 | 6,983.16 | 6,981.71 | 270.25 | 2.24 | 95.69 | 780.43 | -1,026.01 | 9,935.87 | 9,886.04 | 49.83 | 199.397 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -154.48 | -1,952.65 | -932.24 | 2,164.04 | | | | | |
| 100.00 | 100.00 | 71.31 | 71.31 | 0.13 | 0.08 | -154.48 | -1,952.56 | -932.23 | 2,163.70 | 2,163.49 | 0.21 | N/A | | |
| 200.00 | 200.00 | 170.10 | 170.10 | 0.49 | 0.15 | -154.48 | -1,952.32 | -932.10 | 2,163.42 | 2,162.77 | 0.65 | 3,340.868 | | |
| 300.00 | 300.00 | 268.20 | 268.20 | 0.85 | 0.24 | -154.49 | -1,952.39 | -931.66 | 2,163.29 | 2,162.20 | 1.09 | 1,976.710 | | |
| 395.25 | 395.25 | 361.25 | 361.25 | 1.19 | 0.32 | -154.50 | -1,952.49 | -931.33 | 2,163.23 | 2,161.73 | 1.51 | 1,433.748 | | |
| 400.00 | 400.00 | 365.85 | 365.85 | 1.21 | 0.32 | -154.50 | -1,952.50 | -931.31 | 2,163.24 | 2,161.71 | 1.53 | 1,414.845 | | |
| 500.00 | 500.00 | 469.59 | 469.59 | 1.57 | 0.35 | -154.50 | -1,952.54 | -931.16 | 2,163.21 | 2,161.30 | 1.91 | 1,129.829 | | |
| 600.00 | 599.98 | 570.81 | 570.81 | 1.92 | 0.38 | -38.75 | -1,952.26 | -931.20 | 2,161.61 | 2,159.32 | 2.29 | 942.810 | | |
| 700.00 | 699.84 | 661.09 | 661.08 | 2.26 | 0.40 | -38.88 | -1,952.23 | -931.11 | 2,157.48 | 2,154.83 | 2.65 | 813.901 | | |
| 800.00 | 799.45 | 755.20 | 755.20 | 2.62 | 0.43 | -39.10 | -1,952.62 | -931.25 | 2,151.12 | 2,148.09 | 3.03 | 709.998 | | |
| 900.00 | 898.70 | 853.98 | 853.97 | 2.99 | 0.46 | -39.42 | -1,953.08 | -931.38 | 2,142.13 | 2,138.70 | 3.43 | 624.385 | | |
| 1,000.00 | 997.47 | 961.01 | 961.00 | 3.39 | 0.49 | -39.85 | -1,953.31 | -931.92 | 2,130.44 | 2,126.60 | 3.83 | 555.935 | | |
| 1,100.00 | 1,095.62 | 1,065.10 | 1,065.09 | 3.81 | 0.52 | -40.39 | -1,953.13 | -932.05 | 2,115.63 | 2,111.37 | 4.26 | 497.051 | | |
| 1,200.00 | 1,193.06 | 1,157.77 | 1,157.76 | 4.27 | 0.54 | -40.99 | -1,952.98 | -932.16 | 2,098.29 | 2,093.61 | 4.68 | 448.190 | | |
| 1,300.00 | 1,289.64 | 1,251.53 | 1,251.52 | 4.77 | 0.56 | -41.70 | -1,953.10 | -932.31 | 2,078.75 | 2,073.62 | 5.13 | 405.488 | | |
| 1,400.00 | 1,385.27 | 1,348.42 | 1,348.41 | 5.31 | 0.59 | -42.53 | -1,953.13 | -932.66 | 2,056.79 | 2,051.18 | 5.61 | 366.661 | | |
| 1,500.00 | 1,479.82 | 1,442.77 | 1,442.76 | 5.91 | 0.63 | -43.47 | -1,953.09 | -933.06 | 2,032.50 | 2,026.38 | 6.12 | 331.893 | | |
| 1,600.00 | 1,573.19 | 1,535.18 | 1,535.16 | 6.55 | 0.66 | -44.43 | -1,953.01 | -933.70 | 2,006.11 | 1,999.43 | 6.67 | 300.678 | | |
| 1,700.00 | 1,666.16 | 1,628.98 | 1,628.97 | 7.23 | 0.70 | -45.13 | -1,952.88 | -934.53 | 1,979.22 | 1,971.99 | 7.24 | 273.428 | | |
| 1,800.00 | 1,759.13 | 1,722.69 | 1,722.67 | 7.93 | 0.73 | -45.85 | -1,952.69 | -935.32 | 1,952.57 | 1,944.75 | 7.82 | 249.566 | | |
| 1,900.00 | 1,852.10 | 1,811.27 | 1,811.25 | 8.64 | 0.76 | -46.55 | -1,952.56 | -936.31 | 1,926.37 | 1,917.94 | 8.43 | 228.624 | | |
| 2,000.00 | 1,945.06 | 1,901.87 | 1,901.84 | 9.35 | 0.80 | -47.27 | -1,952.54 | -937.55 | 1,900.67 | 1,891.62 | 9.04 | 210.154 | | |
| 2,100.00 | 2,038.03 | 2,017.57 | 2,017.53 | 10.08 | 0.83 | -48.22 | -1,951.98 | -938.80 | 1,874.80 | 1,865.13 | 9.67 | 193.880 | | |
| 2,200.00 | 2,131.00 | 2,099.49 | 2,099.45 | 10.81 | 0.86 | -48.92 | -1,951.56 | -939.36 | 1,849.13 | 1,838.81 | 10.32 | 179.215 | | |
| 2,300.00 | 2,223.97 | 2,189.21 | 2,189.17 | 11.54 | 0.89 | -49.71 | -1,951.37 | -939.85 | 1,824.08 | 1,813.10 | 10.98 | 166.140 | | |
| 2,400.00 | 2,316.94 | 2,277.15 | 2,277.11 | 12.28 | 0.92 | -50.50 | -1,951.39 | -940.35 | 1,799.62 | 1,787.97 | 11.65 | 154.416 | | |
| 2,500.00 | 2,409.90 | 2,372.21 | 2,372.16 | 13.02 | 0.95 | -51.38 | -1,951.52 | -941.04 | 1,775.72 | 1,763.38 | 12.34 | 143.883 | | |
| 2,600.00 | 2,502.87 | 2,457.87 | 2,457.81 | 13.77 | 0.98 | -52.19 | -1,951.63 | -941.70 | 1,752.25 | 1,739.21 | 13.04 | 134.351 | | |
| 2,700.00 | 2,595.84 | 2,551.87 | 2,551.81 | 14.51 | 1.00 | -53.10 | -1,952.22 | -942.44 | 1,729.67 | 1,715.92 | 13.75 | 125.760 | | |
| 2,800.00 | 2,688.81 | 2,649.61 | 2,649.55 | 15.26 | 1.03 | -54.07 | -1,952.39 | -943.10 | 1,707.10 | 1,692.62 | 14.48 | 117.910 | | |
| 2,900.00 | 2,781.77 | 2,742.45 | 2,742.39 | 16.01 | 1.06 | -55.02 | -1,952.62 | -943.68 | 1,685.07 | 1,669.86 | 15.22 | 110.734 | | |
| 3,000.00 | 2,874.74 | 2,836.18 | 2,836.11 | 16.76 | 1.10 | -55.99 | -1,952.70 | -944.52 | 1,663.43 | 1,647.46 | 15.97 | 104.174 | | |
| 3,100.00 | 2,967.71 | 2,926.07 | 2,925.99 | 17.52 | 1.13 | -56.94 | -1,952.89 | -945.47 | 1,642.45 | 1,625.71 | 16.73 | 98.160 | | |
| 3,200.00 | 3,060.68 | 3,016.91 | 3,016.82 | 18.27 | 1.15 | -57.91 | -1,953.17 | -946.71 | 1,622.10 | 1,604.59 | 17.51 | 92.653 | | |
| 3,300.00 | 3,153.65 | 3,101.66 | 3,101.58 | 19.03 | 1.17 | -58.85 | -1,953.82 | -947.37 | 1,602.66 | 1,584.36 | 18.29 | 87.604 | | |
| 3,400.00 | 3,246.61 | 3,197.67 | 3,197.58 | 19.78 | 1.20 | -59.96 | -1,954.78 | -947.75 | 1,583.96 | 1,564.87 | 19.10 | 82.950 | | |
| 3,500.00 | 3,339.58 | 3,295.28 | 3,295.19 | 20.54 | 1.22 | -61.10 | -1,955.53 | -948.22 | 1,565.67 | 1,545.76 | 19.91 | 78.651 | | |
| 3,600.00 | 3,432.55 | 3,394.38 | 3,394.28 | 21.30 | 1.23 | -62.30 | -1,955.99 | -948.29 | 1,547.69 | 1,526.97 | 20.72 | 74.701 | | |
| 3,700.00 | 3,525.52 | 3,486.67 | 3,486.56 | 22.06 | 1.24 | -63.48 | -1,956.30 | -947.25 | 1,530.22 | 1,508.66 | 21.56 | 70.989 | | |
| 3,800.00 | 3,618.49 | 3,570.73 | 3,570.61 | 22.82 | 1.24 | -64.62 | -1,956.85 | -945.38 | 1,513.75 | 1,491.34 | 22.41 | 67.545 | | |
| 3,900.00 | 3,711.45 | 3,650.80 | 3,650.64 | 23.57 | 1.25 | -65.71 | -1,957.91 | -943.45 | 1,498.72 | 1,475.44 | 23.28 | 64.388 | | |
| 4,000.00 | 3,804.42 | 3,733.52 | 3,733.32 | 24.33 | 1.26 | -66.86 | -1,959.73 | -941.58 | 1,485.31 | 1,461.17 | 24.15 | 61.511 | | |
| 4,100.00 | 3,897.39 | 3,820.54 | 3,820.30 | 25.09 | 1.27 | -68.06 | -1,961.99 | -940.48 | 1,473.09 | 1,448.07 | 25.02 | 58.876 | | |
| 4,200.00 | 3,990.36 | 3,899.75 | 3,899.46 | 25.86 | 1.28 | -69.13 | -1,964.67 | -940.12 | 1,462.38 | 1,436.48 | 25.89 | 56.473 | | |
| 4,300.00 | 4,083.32 | 3,992.38 | 3,992.03 | 26.62 | 1.31 | -70.37 | -1,968.36 | -940.52 | 1,452.95 | 1,426.18 | 26.77 | 54.275 | | |
| 4,400.00 | 4,176.29 | 4,091.25 | 4,090.80 | 27.38 | 1.33 | -71.67 | -1,972.27 | -942.00 | 1,444.16 | 1,416.52 | 27.64 | 52.241 | | |
| 4,500.00 | 4,269.26 | 4,190.98 | 4,190.43 | 28.14 | 1.36 | -72.95 | -1,976.00 | -944.64 | 1,435.77 | 1,407.25 | 28.52 | 50.349 | | |
| 4,600.00 | 4,362.23 | 4,296.37 | 4,295.70 | 28.90 | 1.40 | -74.29 | -1,979.44 | -948.17 | 1,427.55 | 1,398.16 | 29.39 | 48.579 | | |
| 4,700.00 | 4,455.20 | 4,400.05 | 4,399.30 | 29.66 | 1.43 | -75.64 | -1,982.02 | -951.42 | 1,419.36 | 1,389.10 | 30.26 | 46.911 | | |
| 4,800.00 | 4,548.16 | 4,494.41 | 4,493.59 | 30.43 | 1.46 | -76.88 | -1,984.08 | -954.47 | 1,411.59 | 1,380.47 | 31.13 | 45.350 | | |
| 4,900.00 | 4,641.13 | 4,594.50 | 4,593.61 | 31.19 | 1.49 | -78.22 | -1,986.06 | -957.69 | 1,404.38 | 1,372.39 | 31.99 | 43.895 | | |
| 5,000.00 | 4,734.10 | 4,692.49 | 4,691.55 | 31.95 | 1.52 | -79.55 | -1,987.52 | -960.40 | 1,397.60 | 1,364.74 | 32.86 | 42.533 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,796.48 | 4,795.49 | 32.71 | 1.55 | -81.00 | -1,988.51 | -963.05 | 1,391.18 | 1,357.46 | 33.72 | 41.258 | | |
| 5,200.00 | 4,920.04 | 4,903.64 | 4,902.63 | 33.48 | 1.57 | -82.53 | -1,988.47 | -965.46 | 1,384.78 | 1,350.21 | 34.57 | 40.057 | | |
| 5,300.00 | 5,013.00 | 5,018.78 | 5,017.73 | 34.24 | 1.60 | -84.23 | -1,986.60 | -967.50 | 1,377.95 | 1,342.54 | 35.41 | 38.914 | | |
| 5,400.00 | 5,105.97 | 5,112.99 | 5,111.90 | 35.00 | 1.61 | -85.68 | -1,983.90 | -968.28 | 1,371.29 | 1,335.03 | 36.25 | 37.825 | | |
| 5,500.00 | 5,198.94 | 5,188.99 | 5,187.87 | 35.77 | 1.61 | -86.89 | -1,981.93 | -968.04 | 1,366.25 | 1,329.15 | 37.09 | 36.834 | | |
| 5,600.00 | 5,291.91 | 5,284.45 | 5,283.30 | 36.53 | 1.61 | -88.45 | -1,979.61 | -966.67 | 1,362.82 | 1,324.90 | 37.91 | 35.946 | | |
| 5,700.00 | 5,384.87 | 5,358.93 | 5,357.72 | 37.29 | 1.61 | -89.70 | -1,977.59 | -964.68 | 1,360.78 | 1,322.06 | 38.72 | 35.147 | | |
| 5,728.06 | 5,410.96 | 5,378.53 | 5,377.30 | 37.51 | 1.61 | -90.04 | -1,977.20 | -963.99 | 1,360.67 | 1,321.73 | 38.94 | 34.945 CC, ES | | |
| 5,800.00 | 5,477.84 | 5,432.84 | 5,431.57 | 38.06 | 1.61 | -90.97 | -1,976.45 | -961.84 | 1,361.30 | 1,321.81 | 39.49 | 34.469 | | |
| 5,900.00 | 5,570.81 | 5,515.40 | 5,514.07 | 38.82 | 1.61 | -92.36 | -1,976.13 | -958.81 | 1,363.91 | 1,323.66 | 40.25 | 33.887 | | |
| 6,000.00 | 5,663.78 | 5,612.51 | 5,611.14 | 39.59 | 1.61 | -93.94 | -1,976.41 | -956.20 | 1,367.78 | 1,326.79 | 40.99 | 33.369 | | |
| 6,100.00 | 5,756.75 | 5,722.76 | 5,721.38 | 40.35 | 1.61 | -95.70 | -1,976.22 | -954.45 | 1,371.82 | 1,330.10 | 41.72 | 32.883 | | |
| 6,200.00 | 5,849.71 | 5,823.02 | 5,821.63 | 41.12 | 1.61 | -97.27 | -1,975.43 | -953.57 | 1,376.09 | 1,333.67 | 42.42 | 32.439 | | |
| 6,300.00 | 5,942.68 | 5,920.22 | 5,918.83 | 41.88 | 1.61 | -98.79 | -1,974.40 | -953.07 | 1,380.99 | 1,337.89 | 43.10 | 32.041 | | |
| 6,400.00 | 6,035.65 | 6,016.76 | 6,015.36 | 42.64 | 1.62 | -100.25 | -1,973.64 | -953.48 | 1,386.58 | 1,342.82 | 43.76 | 31.687 | | |
| 6,500.00 | 6,128.62 | 6,108.77 | 6,107.37 | 43.41 | 1.65 | -101.61 | -1,973.20 | -954.32 | 1,393.07 | 1,348.67 | 44.40 | 31.376 | | |
| 6,600.00 | 6,221.59 | 6,205.50 | 6,204.09 | 44.17 | 1.67 | -103.02 | -1,972.66 | -955.28 | 1,400.37 | 1,355.35 | 45.02 | 31.103 | | |
| 6,700.00 | 6,314.55 | 6,297.42 | 6,296.01 | 44.94 | 1.69 | -104.36 | -1,972.05 | -956.15 | 1,408.50 | 1,362.88 | 45.62 | 30.873 | | |
| 6,800.00 | 6,407.52 | 6,383.72 | 6,382.30 | 45.70 | 1.71 | -105.60 | -1,971.69 | -956.87 | 1,417.77 | 1,371.58 | 46.19 | 30.693 | | |
| 6,900.00 | 6,499.98 | 6,470.98 | 6,469.56 | 46.49 | 1.73 | -110.58 | -1,971.69 | -957.41 | 1,429.34 | 1,382.59 | 46.75 | 30.572 SF | | |
| 7,000.00 | 6,586.50 | 6,558.01 | 6,556.59 | 47.49 | 1.75 | -116.62 | -1,971.81 | -957.79 | 1,452.10 | 1,404.69 | 47.41 | 30.628 | | |
| 7,100.00 | 6,663.58 | 6,636.23 | 6,634.81 | 48.75 | 1.77 | -118.97 | -1,971.93 | -958.28 | 1,487.94 | 1,439.80 | 48.14 | 30.907 | | |
| 7,200.00 | 6,728.87 | 6,700.48 | 6,699.06 | 50.23 | 1.79 | -118.64 | -1,971.98 | -958.59 | 1,536.62 | 1,487.73 | 48.89 | 31.431 | | |
| 7,300.00 | 6,780.38 | 6,749.83 | 6,748.40 | 51.91 | 1.80 | -115.63 | -1,972.00 | -958.73 | 1,597.15 | 1,547.56 | 49.59 | 32.206 | | |
| 7,400.00 | 6,816.56 | 6,784.35 | 6,782.93 | 53.74 | 1.80 | -109.43 | -1,972.02 | -958.78 | 1,667.83 | 1,617.62 | 50.21 | 33.216 | | |
| 7,500.00 | 6,836.29 | 6,803.24 | 6,801.81 | 55.65 | 1.81 | -99.18 | -1,972.04 | -958.79 | 1,746.37 | 1,695.65 | 50.72 | 34.432 | | |
| 7,600.00 | 6,840.00 | 6,806.93 | 6,805.50 | 57.58 | 1.81 | -89.97 | -1,972.04 | -958.80 | 1,829.96 | 1,778.86 | 51.10 | 35.810 | | |
| 7,700.00 | 6,840.00 | 6,806.96 | 6,805.54 | 59.56 | 1.81 | -89.97 | -1,972.04 | -958.80 | 1,915.56 | 1,864.14 | 51.42 | 37.255 | | |
| 7,800.00 | 6,840.00 | 6,806.99 | 6,805.57 | 61.60 | 1.81 | -89.97 | -1,972.04 | -958.80 | 2,002.49 | 1,950.80 | 51.69 | 38.738 | | |
| 7,900.00 | 6,840.00 | 6,807.03 | 6,805.60 | 63.69 | 1.81 | -89.98 | -1,972.04 | -958.80 | 2,090.60 | 2,038.66 | 51.93 | 40.255 | | |
| 8,000.00 | 6,840.00 | 6,807.06 | 6,805.64 | 65.82 | 1.81 | -89.98 | -1,972.04 | -958.80 | 2,179.73 | 2,127.58 | 52.15 | 41.801 | | |
| 8,100.00 | 6,840.00 | 6,807.10 | 6,805.67 | 67.99 | 1.81 | -89.98 | -1,972.04 | -958.80 | 2,269.77 | 2,217.43 | 52.33 | 43.372 | | |
| 8,200.00 | 6,840.00 | 6,807.13 | 6,805.70 | 70.21 | 1.81 | -89.98 | -1,972.04 | -958.80 | 2,360.60 | 2,308.11 | 52.50 | 44.966 | | |
| 8,300.00 | 6,840.00 | 6,807.16 | 6,805.74 | 72.45 | 1.81 | -89.98 | -1,972.04 | -958.80 | 2,452.16 | 2,399.51 | 52.64 | 46.579 | | |
| 8,400.00 | 6,840.00 | 6,807.20 | 6,805.77 | 74.73 | 1.81 | -89.99 | -1,972.04 | -958.80 | 2,544.34 | 2,491.57 | 52.78 | 48.210 | | |
| 8,500.00 | 6,840.00 | 6,807.23 | 6,805.81 | 77.04 | 1.81 | -89.99 | -1,972.04 | -958.80 | 2,637.10 | 2,584.21 | 52.89 | 49.856 | | |
| 8,600.00 | 6,840.00 | 6,807.27 | 6,805.84 | 79.38 | 1.81 | -89.99 | -1,972.04 | -958.80 | 2,730.37 | 2,677.37 | 53.00 | 51.515 | | |
| 8,700.00 | 6,840.00 | 6,807.30 | 6,805.87 | 81.74 | 1.81 | -89.99 | -1,972.04 | -958.80 | 2,824.10 | 2,771.00 | 53.10 | 53.186 | | |
| 8,800.00 | 6,840.00 | 6,807.33 | 6,805.91 | 84.12 | 1.81 | -89.99 | -1,972.04 | -958.80 | 2,918.24 | 2,865.06 | 53.19 | 54.867 | | |
| 8,900.00 | 6,840.00 | 6,807.37 | 6,805.94 | 86.52 | 1.81 | -90.00 | -1,972.04 | -958.80 | 3,012.77 | 2,959.50 | 53.27 | 56.558 | | |
| 9,000.00 | 6,840.00 | 6,807.40 | 6,805.98 | 88.94 | 1.81 | -90.00 | -1,972.04 | -958.80 | 3,107.63 | 3,054.29 | 53.34 | 58.257 | | |
| 9,100.00 | 6,840.00 | 6,807.44 | 6,806.01 | 91.38 | 1.81 | -90.00 | -1,972.04 | -958.80 | 3,202.81 | 3,149.40 | 53.41 | 59.964 | | |
| 9,200.00 | 6,840.00 | 6,807.47 | 6,806.04 | 93.83 | 1.81 | -90.00 | -1,972.04 | -958.80 | 3,298.27 | 3,244.80 | 53.48 | 61.677 | | |
| 9,300.00 | 6,840.00 | 6,807.50 | 6,806.08 | 96.30 | 1.81 | -90.00 | -1,972.04 | -958.80 | 3,394.00 | 3,340.46 | 53.54 | 63.395 | | |
| 9,400.00 | 6,840.00 | 6,807.54 | 6,806.11 | 98.79 | 1.81 | -90.01 | -1,972.04 | -958.80 | 3,489.96 | 3,436.37 | 53.59 | 65.119 | | |
| 9,500.00 | 6,840.00 | 6,807.57 | 6,806.15 | 101.28 | 1.81 | -90.01 | -1,972.04 | -958.80 | 3,586.15 | 3,532.50 | 53.65 | 66.847 | | |
| 9,600.00 | 6,840.00 | 6,807.61 | 6,806.18 | 103.79 | 1.81 | -90.01 | -1,972.04 | -958.80 | 3,682.54 | 3,628.84 | 53.70 | 68.580 | | |
| 9,700.00 | 6,840.00 | 6,807.64 | 6,806.21 | 106.30 | 1.81 | -90.01 | -1,972.04 | -958.80 | 3,779.11 | 3,725.37 | 53.75 | 70.315 | | |
| 9,800.00 | 6,840.00 | 6,807.67 | 6,806.25 | 108.83 | 1.81 | -90.01 | -1,972.04 | -958.80 | 3,875.86 | 3,822.07 | 53.79 | 72.054 | | |
| 9,900.00 | 6,840.00 | 6,807.71 | 6,806.28 | 111.37 | 1.81 | -90.02 | -1,972.04 | -958.80 | 3,972.77 | 3,918.94 | 53.84 | 73.795 | | |
| 10,000.00 | 6,840.00 | 6,807.74 | 6,806.32 | 113.91 | 1.81 | -90.02 | -1,972.04 | -958.80 | 4,069.83 | 4,015.95 | 53.88 | 75.538 | | |
| 10,100.00 | 6,840.00 | 6,807.78 | 6,806.35 | 116.47 | 1.81 | -90.02 | -1,972.04 | -958.80 | 4,167.03 | 4,113.11 | 53.92 | 77.284 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,200.00 | 6,840.00 | 6,807.81 | 6,806.39 | 119.03 | 1.81 | -90.02 | -1,972.04 | -958.80 | 4,264.36 | 4,210.40 | 53.96 | 79.030 | | |
| 10,300.00 | 6,840.00 | 6,807.85 | 6,806.42 | 121.59 | 1.81 | -90.02 | -1,972.04 | -958.80 | 4,361.81 | 4,307.81 | 54.00 | 80.779 | | |
| 10,400.00 | 6,840.00 | 6,807.88 | 6,806.45 | 124.17 | 1.81 | -90.03 | -1,972.04 | -958.80 | 4,459.37 | 4,405.34 | 54.03 | 82.528 | | |
| 10,500.00 | 6,840.00 | 6,807.91 | 6,806.49 | 126.75 | 1.81 | -90.03 | -1,972.04 | -958.80 | 4,557.04 | 4,502.97 | 54.07 | 84.277 | | |
| 10,600.00 | 6,840.00 | 6,807.95 | 6,806.52 | 129.34 | 1.81 | -90.03 | -1,972.04 | -958.80 | 4,654.81 | 4,600.70 | 54.11 | 86.028 | | |
| 10,700.00 | 6,840.00 | 6,807.98 | 6,806.56 | 131.93 | 1.81 | -90.03 | -1,972.04 | -958.80 | 4,752.67 | 4,698.52 | 54.14 | 87.778 | | |
| 10,800.00 | 6,840.00 | 6,808.02 | 6,806.59 | 134.53 | 1.81 | -90.04 | -1,972.04 | -958.80 | 4,850.61 | 4,796.44 | 54.18 | 89.529 | | |
| 10,900.00 | 6,840.00 | 6,808.05 | 6,806.63 | 137.13 | 1.81 | -90.04 | -1,972.04 | -958.80 | 4,948.64 | 4,894.43 | 54.21 | 91.279 | | |
| 11,000.00 | 6,840.00 | 6,808.09 | 6,806.66 | 139.73 | 1.81 | -90.04 | -1,972.04 | -958.80 | 5,046.75 | 4,992.50 | 54.25 | 93.030 | | |
| 11,100.00 | 6,840.00 | 6,808.12 | 6,806.69 | 142.35 | 1.81 | -90.04 | -1,972.04 | -958.80 | 5,144.93 | 5,090.65 | 54.28 | 94.780 | | |
| 11,200.00 | 6,840.00 | 6,808.15 | 6,806.73 | 144.96 | 1.81 | -90.04 | -1,972.04 | -958.80 | 5,243.18 | 5,188.86 | 54.32 | 96.529 | | |
| 11,300.00 | 6,840.00 | 6,808.19 | 6,806.76 | 147.58 | 1.81 | -90.05 | -1,972.04 | -958.80 | 5,341.49 | 5,287.14 | 54.35 | 98.277 | | |
| 11,400.00 | 6,840.00 | 6,808.22 | 6,806.80 | 150.20 | 1.81 | -90.05 | -1,972.04 | -958.80 | 5,439.87 | 5,385.48 | 54.39 | 100.025 | | |
| 11,500.00 | 6,840.00 | 6,808.26 | 6,806.83 | 152.83 | 1.81 | -90.05 | -1,972.04 | -958.80 | 5,538.30 | 5,483.88 | 54.42 | 101.771 | | |
| 11,600.00 | 6,840.00 | 6,808.29 | 6,806.87 | 155.46 | 1.81 | -90.05 | -1,972.04 | -958.80 | 5,636.79 | 5,582.34 | 54.45 | 103.517 | | |
| 11,700.00 | 6,840.00 | 6,808.33 | 6,806.90 | 158.09 | 1.81 | -90.05 | -1,972.04 | -958.80 | 5,735.33 | 5,680.84 | 54.49 | 105.261 | | |
| 11,800.00 | 6,840.00 | 6,808.36 | 6,806.94 | 160.73 | 1.81 | -90.06 | -1,972.04 | -958.80 | 5,833.92 | 5,779.40 | 54.52 | 107.004 | | |
| 11,900.00 | 6,840.00 | 6,808.40 | 6,806.97 | 163.36 | 1.81 | -90.06 | -1,972.04 | -958.80 | 5,932.56 | 5,878.00 | 54.55 | 108.745 | | |
| 12,000.00 | 6,840.00 | 6,808.43 | 6,807.01 | 166.01 | 1.81 | -90.06 | -1,972.04 | -958.80 | 6,031.24 | 5,976.65 | 54.59 | 110.485 | | |
| 12,100.00 | 6,840.00 | 6,808.47 | 6,807.04 | 168.65 | 1.81 | -90.06 | -1,972.04 | -958.80 | 6,129.96 | 6,075.34 | 54.62 | 112.223 | | |
| 12,200.00 | 6,840.00 | 6,808.50 | 6,807.08 | 171.30 | 1.81 | -90.06 | -1,972.04 | -958.80 | 6,228.73 | 6,174.07 | 54.66 | 113.960 | | |
| 12,300.00 | 6,840.00 | 6,808.54 | 6,807.11 | 173.94 | 1.81 | -90.07 | -1,972.04 | -958.80 | 6,327.54 | 6,272.84 | 54.69 | 115.694 | | |
| 12,400.00 | 6,840.00 | 6,808.57 | 6,807.14 | 176.59 | 1.81 | -90.07 | -1,972.04 | -958.80 | 6,426.38 | 6,371.65 | 54.73 | 117.427 | | |
| 12,500.00 | 6,840.00 | 6,808.60 | 6,807.18 | 179.25 | 1.81 | -90.07 | -1,972.04 | -958.80 | 6,525.25 | 6,470.49 | 54.76 | 119.157 | | |
| 12,600.00 | 6,840.00 | 6,808.64 | 6,807.21 | 181.90 | 1.81 | -90.07 | -1,972.04 | -958.80 | 6,624.16 | 6,569.37 | 54.80 | 120.885 | | |
| 12,700.00 | 6,840.00 | 6,808.67 | 6,807.25 | 184.56 | 1.81 | -90.07 | -1,972.04 | -958.80 | 6,723.11 | 6,668.27 | 54.83 | 122.612 | | |
| 12,800.00 | 6,840.00 | 6,808.71 | 6,807.28 | 187.22 | 1.81 | -90.08 | -1,972.04 | -958.80 | 6,822.08 | 6,767.21 | 54.87 | 124.336 | | |
| 12,900.00 | 6,840.00 | 6,808.74 | 6,807.32 | 189.88 | 1.81 | -90.08 | -1,972.04 | -958.80 | 6,921.08 | 6,866.18 | 54.90 | 126.057 | | |
| 13,000.00 | 6,840.00 | 6,808.78 | 6,807.35 | 192.54 | 1.81 | -90.08 | -1,972.04 | -958.80 | 7,020.11 | 6,965.17 | 54.94 | 127.776 | | |
| 13,100.00 | 6,840.00 | 6,808.81 | 6,807.39 | 195.20 | 1.81 | -90.08 | -1,972.04 | -958.80 | 7,119.17 | 7,064.20 | 54.98 | 129.493 | | |
| 13,200.00 | 6,840.00 | 6,808.85 | 6,807.42 | 197.87 | 1.81 | -90.08 | -1,972.04 | -958.80 | 7,218.26 | 7,163.24 | 55.01 | 131.207 | | |
| 13,300.00 | 6,840.00 | 6,808.88 | 6,807.46 | 200.53 | 1.81 | -90.09 | -1,972.04 | -958.80 | 7,317.37 | 7,262.32 | 55.05 | 132.919 | | |
| 13,400.00 | 6,840.00 | 6,808.92 | 6,807.49 | 203.20 | 1.81 | -90.09 | -1,972.04 | -958.80 | 7,416.50 | 7,361.41 | 55.09 | 134.628 | | |
| 13,500.00 | 6,840.00 | 6,808.95 | 6,807.53 | 205.87 | 1.81 | -90.09 | -1,972.04 | -958.80 | 7,515.66 | 7,460.53 | 55.13 | 136.335 | | |
| 13,600.00 | 6,840.00 | 6,808.99 | 6,807.56 | 208.54 | 1.81 | -90.09 | -1,972.04 | -958.80 | 7,614.83 | 7,559.67 | 55.16 | 138.038 | | |
| 13,700.00 | 6,840.00 | 6,809.02 | 6,807.60 | 211.22 | 1.81 | -90.09 | -1,972.04 | -958.80 | 7,714.03 | 7,658.83 | 55.20 | 139.739 | | |
| 13,800.00 | 6,840.00 | 6,809.06 | 6,807.63 | 213.89 | 1.81 | -90.10 | -1,972.04 | -958.80 | 7,813.25 | 7,758.01 | 55.24 | 141.437 | | |
| 13,900.00 | 6,840.00 | 6,809.09 | 6,807.67 | 216.56 | 1.81 | -90.10 | -1,972.04 | -958.80 | 7,912.49 | 7,857.21 | 55.28 | 143.132 | | |
| 14,000.00 | 6,840.00 | 6,809.13 | 6,807.70 | 219.24 | 1.81 | -90.10 | -1,972.04 | -958.80 | 8,011.75 | 7,956.43 | 55.32 | 144.824 | | |
| 14,100.00 | 6,840.00 | 6,809.16 | 6,807.74 | 221.92 | 1.81 | -90.10 | -1,972.04 | -958.80 | 8,111.03 | 8,055.67 | 55.36 | 146.513 | | |
| 14,200.00 | 6,840.00 | 6,809.20 | 6,807.77 | 224.59 | 1.81 | -90.10 | -1,972.04 | -958.80 | 8,210.32 | 8,154.92 | 55.40 | 148.199 | | |
| 14,300.00 | 6,840.00 | 6,809.23 | 6,807.81 | 227.27 | 1.81 | -90.11 | -1,972.04 | -958.80 | 8,309.63 | 8,254.19 | 55.44 | 149.882 | | |
| 14,400.00 | 6,840.00 | 6,809.27 | 6,807.84 | 229.95 | 1.81 | -90.11 | -1,972.04 | -958.80 | 8,408.96 | 8,353.48 | 55.48 | 151.561 | | |
| 14,500.00 | 6,840.00 | 6,809.30 | 6,807.88 | 232.63 | 1.81 | -90.11 | -1,972.04 | -958.80 | 8,508.30 | 8,452.78 | 55.52 | 153.238 | | |
| 14,600.00 | 6,840.00 | 6,809.34 | 6,807.91 | 235.31 | 1.81 | -90.11 | -1,972.04 | -958.80 | 8,607.66 | 8,552.10 | 55.57 | 154.911 | | |
| 14,700.00 | 6,840.00 | 6,809.38 | 6,807.95 | 238.00 | 1.81 | -90.12 | -1,972.04 | -958.80 | 8,707.04 | 8,651.43 | 55.61 | 156.581 | | |
| 14,800.00 | 6,840.00 | 6,809.41 | 6,807.99 | 240.68 | 1.81 | -90.12 | -1,972.04 | -958.80 | 8,806.42 | 8,750.77 | 55.65 | 158.248 | | |
| 14,900.00 | 6,840.00 | 6,809.45 | 6,808.02 | 243.36 | 1.81 | -90.12 | -1,972.04 | -958.80 | 8,905.82 | 8,850.13 | 55.69 | 159.911 | | |
| 15,000.00 | 6,840.00 | 6,809.48 | 6,808.06 | 246.05 | 1.81 | -90.12 | -1,972.04 | -958.80 | 9,005.24 | 8,949.50 | 55.74 | 161.571 | | |
| 15,100.00 | 6,840.00 | 6,809.52 | 6,808.09 | 248.74 | 1.81 | -90.12 | -1,972.04 | -958.80 | 9,104.67 | 9,048.89 | 55.78 | 163.227 | | |
| 15,200.00 | 6,840.00 | 6,809.55 | 6,808.13 | 251.42 | 1.81 | -90.13 | -1,972.04 | -958.80 | 9,204.11 | 9,148.28 | 55.82 | 164.880 | | |
| 15,300.00 | 6,840.00 | 6,809.59 | 6,808.16 | 254.11 | 1.81 | -90.13 | -1,972.04 | -958.80 | 9,303.56 | 9,247.69 | 55.87 | 166.530 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|---------------------|------------------|-----------------------------|-------------------------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 15,400.00 | 6,840.00 | 6,809.62 | 6,808.20 | 256.80 | 1.81 | -90.13 | -1,972.04 | -958.80 | 9,403.02 | 9,347.11 | 55.91 | 168.176 | |
| 15,500.00 | 6,840.00 | 6,809.66 | 6,808.23 | 259.49 | 1.81 | -90.13 | -1,972.04 | -958.80 | 9,502.49 | 9,446.54 | 55.96 | 169.818 | |
| 15,600.00 | 6,840.00 | 6,809.69 | 6,808.27 | 262.17 | 1.81 | -90.13 | -1,972.04 | -958.80 | 9,601.98 | 9,545.98 | 56.00 | 171.457 | |
| 15,700.00 | 6,840.00 | 6,809.73 | 6,808.30 | 264.86 | 1.81 | -90.14 | -1,972.04 | -958.80 | 9,701.48 | 9,645.43 | 56.05 | 173.092 | |
| 15,800.00 | 6,840.00 | 6,809.76 | 6,808.34 | 267.55 | 1.81 | -90.14 | -1,972.05 | -958.80 | 9,800.98 | 9,744.89 | 56.09 | 174.724 | |
| 15,900.00 | 6,840.00 | 6,809.80 | 6,808.37 | 270.25 | 1.81 | -90.14 | -1,972.05 | -958.80 | 9,900.50 | 9,844.36 | 56.14 | 176.352 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 320-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -178.45 | -1,870.34 | -50.50 | 1,871.02 | | | | | |
| 100.00 | 100.00 | 98.44 | 98.44 | 0.13 | 0.17 | -178.45 | -1,870.38 | -50.54 | 1,871.06 | 1,870.76 | 0.30 | 6,193.792 | | |
| 200.00 | 200.00 | 196.89 | 196.89 | 0.49 | 0.34 | -178.45 | -1,870.50 | -50.64 | 1,871.18 | 1,870.36 | 0.83 | 2,259.347 | | |
| 300.00 | 300.00 | 295.33 | 295.33 | 0.85 | 0.50 | -178.44 | -1,870.70 | -50.81 | 1,871.39 | 1,870.04 | 1.35 | 1,381.807 | | |
| 400.00 | 400.00 | 396.33 | 396.33 | 1.21 | 0.82 | -178.44 | -1,870.93 | -51.10 | 1,871.63 | 1,869.61 | 2.03 | 923.618 | | |
| 500.00 | 500.00 | 498.19 | 498.19 | 1.57 | 1.18 | -178.42 | -1,871.07 | -51.60 | 1,871.78 | 1,869.03 | 2.75 | 681.310 | | |
| 600.00 | 599.98 | 600.04 | 600.03 | 1.92 | 1.54 | -62.66 | -1,871.09 | -52.31 | 1,871.02 | 1,867.57 | 3.46 | 541.248 | | |
| 700.00 | 699.84 | 701.80 | 701.79 | 2.26 | 1.90 | -62.82 | -1,871.02 | -53.24 | 1,868.57 | 1,864.41 | 4.16 | 448.853 | | |
| 800.00 | 799.45 | 790.40 | 790.38 | 2.62 | 2.22 | -63.08 | -1,871.13 | -54.04 | 1,864.75 | 1,859.91 | 4.83 | 385.726 | | |
| 900.00 | 898.70 | 888.43 | 888.41 | 2.99 | 2.57 | -63.48 | -1,871.64 | -54.72 | 1,859.77 | 1,854.22 | 5.56 | 334.747 | | |
| 1,000.00 | 997.47 | 989.31 | 989.29 | 3.39 | 2.93 | -64.01 | -1,872.12 | -55.46 | 1,853.27 | 1,846.96 | 6.31 | 293.861 | | |
| 1,100.00 | 1,095.62 | 1,086.24 | 1,086.22 | 3.81 | 3.28 | -64.64 | -1,872.59 | -56.30 | 1,845.37 | 1,838.30 | 7.07 | 261.107 | | |
| 1,200.00 | 1,193.06 | 1,184.82 | 1,184.79 | 4.27 | 3.64 | -65.42 | -1,873.07 | -57.05 | 1,836.16 | 1,828.30 | 7.86 | 233.489 | | |
| 1,300.00 | 1,289.64 | 1,282.15 | 1,282.11 | 4.77 | 3.99 | -66.31 | -1,873.47 | -57.68 | 1,825.68 | 1,816.99 | 8.69 | 210.048 | | |
| 1,400.00 | 1,385.27 | 1,377.72 | 1,377.69 | 5.31 | 4.33 | -67.31 | -1,873.94 | -58.48 | 1,814.20 | 1,804.65 | 9.55 | 189.871 | | |
| 1,500.00 | 1,479.82 | 1,472.66 | 1,472.62 | 5.91 | 4.67 | -68.43 | -1,874.29 | -59.52 | 1,801.68 | 1,791.22 | 10.46 | 172.190 | | |
| 1,600.00 | 1,573.19 | 1,557.91 | 1,557.87 | 6.55 | 4.97 | -69.52 | -1,874.86 | -60.13 | 1,788.74 | 1,777.35 | 11.39 | 157.093 | | |
| 1,700.00 | 1,666.16 | 1,647.04 | 1,646.98 | 7.23 | 5.28 | -70.55 | -1,875.74 | -59.04 | 1,776.45 | 1,764.10 | 12.35 | 143.866 | | |
| 1,800.00 | 1,759.13 | 1,767.44 | 1,767.33 | 7.93 | 5.67 | -72.03 | -1,875.89 | -55.51 | 1,764.31 | 1,750.88 | 13.42 | 131.428 | | |
| 1,900.00 | 1,852.10 | 1,866.80 | 1,866.58 | 8.64 | 6.00 | -73.31 | -1,874.35 | -51.27 | 1,751.54 | 1,737.09 | 14.45 | 121.195 | | |
| 2,000.00 | 1,945.06 | 1,946.22 | 1,945.84 | 9.35 | 6.27 | -74.39 | -1,873.31 | -46.34 | 1,740.16 | 1,724.72 | 15.44 | 112.732 | | |
| 2,100.00 | 2,038.03 | 2,033.16 | 2,032.47 | 10.08 | 6.56 | -75.64 | -1,872.27 | -39.13 | 1,730.19 | 1,713.73 | 16.46 | 105.098 | | |
| 2,200.00 | 2,131.00 | 2,128.34 | 2,127.17 | 10.81 | 6.89 | -77.07 | -1,870.59 | -29.74 | 1,721.09 | 1,703.56 | 17.53 | 98.156 | | |
| 2,300.00 | 2,223.97 | 2,220.87 | 2,219.04 | 11.54 | 7.22 | -78.52 | -1,868.50 | -18.86 | 1,713.15 | 1,694.53 | 18.61 | 92.040 | | |
| 2,400.00 | 2,316.94 | 2,327.62 | 2,325.05 | 12.28 | 7.60 | -80.20 | -1,865.24 | -6.79 | 1,705.69 | 1,685.93 | 19.75 | 86.348 | | |
| 2,500.00 | 2,409.90 | 2,414.05 | 2,410.96 | 13.02 | 7.91 | -81.56 | -1,862.26 | 2.22 | 1,698.97 | 1,678.13 | 20.83 | 81.562 | | |
| 2,600.00 | 2,502.87 | 2,501.63 | 2,497.98 | 13.77 | 8.23 | -82.94 | -1,859.56 | 11.75 | 1,693.95 | 1,672.03 | 21.92 | 77.289 | | |
| 2,700.00 | 2,595.84 | 2,594.36 | 2,590.14 | 14.51 | 8.57 | -84.41 | -1,856.33 | 21.45 | 1,689.75 | 1,666.72 | 23.03 | 73.383 | | |
| 2,800.00 | 2,688.81 | 2,685.85 | 2,681.01 | 15.26 | 8.91 | -85.88 | -1,853.07 | 31.60 | 1,686.99 | 1,662.85 | 24.13 | 69.901 | | |
| 2,900.00 | 2,781.77 | 2,766.80 | 2,761.40 | 16.01 | 9.21 | -87.18 | -1,849.84 | 40.52 | 1,685.21 | 1,660.01 | 25.20 | 66.868 | | |
| 2,924.17 | 2,804.25 | 2,781.94 | 2,776.42 | 16.19 | 9.27 | -87.43 | -1,849.30 | 42.33 | 1,685.13 | 1,659.69 | 25.44 | 66.233 CC | | |
| 3,000.00 | 2,874.74 | 2,834.94 | 2,828.95 | 16.76 | 9.47 | -88.30 | -1,847.63 | 49.14 | 1,685.89 | 1,659.67 | 26.21 | 64.310 ES | | |
| 3,100.00 | 2,967.71 | 2,934.18 | 2,927.34 | 17.52 | 9.85 | -89.94 | -1,844.37 | 61.72 | 1,687.97 | 1,660.62 | 27.35 | 61.715 | | |
| 3,200.00 | 3,060.68 | 3,025.58 | 3,017.97 | 18.27 | 10.20 | -91.44 | -1,841.06 | 73.09 | 1,691.10 | 1,662.65 | 28.45 | 59.445 | | |
| 3,300.00 | 3,153.65 | 3,117.03 | 3,108.76 | 19.03 | 10.55 | -92.91 | -1,837.96 | 83.60 | 1,695.36 | 1,665.83 | 29.54 | 57.401 | | |
| 3,400.00 | 3,246.61 | 3,205.93 | 3,197.11 | 19.78 | 10.89 | -94.31 | -1,835.30 | 93.04 | 1,700.85 | 1,670.25 | 30.60 | 55.582 | | |
| 3,500.00 | 3,339.58 | 3,305.47 | 3,296.03 | 20.54 | 11.27 | -95.86 | -1,832.10 | 103.64 | 1,707.47 | 1,675.77 | 31.70 | 53.863 | | |
| 3,600.00 | 3,432.55 | 3,401.90 | 3,391.93 | 21.30 | 11.64 | -97.35 | -1,828.32 | 113.08 | 1,714.36 | 1,681.59 | 32.78 | 52.306 | | |
| 3,700.00 | 3,525.52 | 3,477.63 | 3,467.19 | 22.06 | 11.94 | -98.53 | -1,825.44 | 120.99 | 1,722.92 | 1,689.17 | 33.75 | 51.051 | | |
| 3,800.00 | 3,618.49 | 3,555.59 | 3,544.68 | 22.82 | 12.24 | -99.72 | -1,823.11 | 129.18 | 1,733.31 | 1,698.59 | 34.72 | 49.929 | | |
| 3,900.00 | 3,711.45 | 3,641.24 | 3,629.85 | 23.57 | 12.57 | -101.00 | -1,821.11 | 138.01 | 1,745.23 | 1,709.53 | 35.70 | 48.884 | | |
| 4,000.00 | 3,804.42 | 3,737.61 | 3,725.69 | 24.33 | 12.94 | -102.42 | -1,818.66 | 147.88 | 1,758.10 | 1,721.38 | 36.72 | 47.876 | | |
| 4,100.00 | 3,897.39 | 3,823.25 | 3,810.88 | 25.09 | 13.27 | -103.66 | -1,816.48 | 156.33 | 1,771.87 | 1,734.19 | 37.68 | 47.026 | | |
| 4,200.00 | 3,990.36 | 3,887.51 | 3,874.74 | 25.86 | 13.52 | -104.60 | -1,815.08 | 163.27 | 1,787.53 | 1,749.01 | 38.51 | 46.414 | | |
| 4,300.00 | 4,083.32 | 3,978.61 | 3,965.20 | 26.62 | 13.88 | -105.91 | -1,813.25 | 173.92 | 1,804.91 | 1,765.44 | 39.46 | 45.735 | | |
| 4,400.00 | 4,176.29 | 4,072.15 | 4,058.12 | 27.38 | 14.25 | -107.24 | -1,811.24 | 184.51 | 1,823.02 | 1,782.61 | 40.41 | 45.109 | | |
| 4,500.00 | 4,269.26 | 4,186.18 | 4,171.61 | 28.14 | 14.69 | -108.77 | -1,809.64 | 195.37 | 1,841.45 | 1,800.00 | 41.45 | 44.422 | | |
| 4,600.00 | 4,362.23 | 4,281.49 | 4,266.61 | 28.90 | 15.04 | -109.98 | -1,808.91 | 203.07 | 1,860.22 | 1,817.84 | 42.38 | 43.893 | | |
| 4,700.00 | 4,455.20 | 4,414.21 | 4,399.07 | 29.66 | 15.53 | -111.58 | -1,807.93 | 211.18 | 1,878.49 | 1,835.01 | 43.47 | 43.210 | | |
| 4,800.00 | 4,548.16 | 4,539.45 | 4,524.25 | 30.43 | 15.97 | -112.97 | -1,807.52 | 214.93 | 1,895.52 | 1,851.01 | 44.51 | 42.586 | | |
| 4,900.00 | 4,641.13 | 4,625.30 | 4,610.08 | 31.19 | 16.27 | -113.90 | -1,807.42 | 216.77 | 1,912.74 | 1,867.37 | 45.36 | 42.164 | | |
| 5,000.00 | 4,734.10 | 4,732.83 | 4,717.60 | 31.95 | 16.64 | -115.01 | -1,807.72 | 218.12 | 1,930.13 | 1,883.83 | 46.30 | 41.686 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 320-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,830.88 | 4,815.64 | 32.71 | 16.98 | -116.01 | -1,807.59 | 219.18 | 1,947.77 | 1,900.58 | 47.19 | 41.275 | | |
| 5,200.00 | 4,920.04 | 4,957.98 | 4,942.71 | 33.48 | 17.42 | -117.32 | -1,805.42 | 220.60 | 1,965.22 | 1,917.04 | 48.18 | 40.789 | | |
| 5,300.00 | 5,013.00 | 5,077.96 | 5,062.64 | 34.24 | 17.82 | -118.55 | -1,801.84 | 220.32 | 1,981.49 | 1,932.37 | 49.12 | 40.341 | | |
| 5,400.00 | 5,105.97 | 5,162.11 | 5,146.76 | 35.00 | 18.10 | -119.37 | -1,799.75 | 219.47 | 1,998.01 | 1,948.09 | 49.92 | 40.027 | | |
| 5,500.00 | 5,198.94 | 5,232.61 | 5,217.25 | 35.77 | 18.34 | -120.05 | -1,798.68 | 218.93 | 2,015.75 | 1,965.10 | 50.65 | 39.795 | | |
| 5,600.00 | 5,291.91 | 5,319.53 | 5,304.16 | 36.53 | 18.63 | -120.85 | -1,798.12 | 218.59 | 2,034.73 | 1,983.28 | 51.45 | 39.551 | | |
| 5,700.00 | 5,384.87 | 5,424.91 | 5,409.54 | 37.29 | 18.98 | -121.81 | -1,797.28 | 218.06 | 2,054.04 | 2,001.74 | 52.30 | 39.271 | | |
| 5,800.00 | 5,477.84 | 5,512.83 | 5,497.45 | 38.06 | 19.27 | -122.57 | -1,797.16 | 217.04 | 2,073.59 | 2,020.50 | 53.09 | 39.061 | | |
| 5,900.00 | 5,570.81 | 5,614.47 | 5,599.08 | 38.82 | 19.60 | -123.42 | -1,797.71 | 215.43 | 2,093.53 | 2,039.61 | 53.92 | 38.827 | | |
| 6,000.00 | 5,663.78 | 5,720.81 | 5,705.37 | 39.59 | 19.95 | -124.26 | -1,799.04 | 212.52 | 2,113.23 | 2,058.46 | 54.77 | 38.582 | | |
| 6,100.00 | 5,756.75 | 5,804.55 | 5,789.06 | 40.35 | 20.22 | -124.89 | -1,800.46 | 210.10 | 2,133.36 | 2,077.84 | 55.53 | 38.420 | | |
| 6,200.00 | 5,849.71 | 5,886.42 | 5,870.89 | 41.12 | 20.49 | -125.50 | -1,802.23 | 208.08 | 2,154.39 | 2,098.12 | 56.27 | 38.287 | | |
| 6,300.00 | 5,942.68 | 5,982.44 | 5,966.87 | 41.88 | 20.80 | -126.21 | -1,804.05 | 206.03 | 2,175.91 | 2,118.84 | 57.07 | 38.129 | | |
| 6,400.00 | 6,035.65 | 6,072.95 | 6,057.36 | 42.64 | 21.10 | -126.88 | -1,805.26 | 204.37 | 2,197.79 | 2,139.96 | 57.83 | 38.003 | | |
| 6,500.00 | 6,128.62 | 6,166.13 | 6,150.14 | 43.41 | 21.79 | -127.67 | -1,806.96 | 193.65 | 2,199.78 | 2,142.64 | 57.14 | 38.497 | | |
| 6,600.00 | 6,221.59 | 6,259.87 | 6,243.88 | 44.17 | 21.96 | -128.25 | -1,808.21 | 193.62 | 2,194.17 | 2,136.02 | 58.16 | 37.729 | | |
| 6,700.00 | 6,314.55 | 6,352.83 | 6,336.84 | 44.94 | 22.44 | -129.04 | -1,809.96 | 193.57 | 2,192.85 | 2,133.97 | 58.88 | 37.241 | | |
| 6,800.00 | 6,407.52 | 6,445.80 | 6,429.81 | 45.70 | 22.92 | -129.83 | -1,811.71 | 193.55 | 2,192.96 | 2,133.88 | 59.08 | 37.118 | | |
| 6,900.00 | 6,499.98 | 6,538.26 | 6,522.27 | 46.49 | 23.40 | -130.62 | -1,813.46 | 193.43 | 2,196.13 | 2,136.22 | 59.91 | 36.658 | | |
| 7,000.00 | 6,586.50 | 6,624.78 | 6,608.79 | 47.49 | 23.88 | -131.41 | -1,815.21 | 193.25 | 2,205.12 | 2,144.48 | 60.64 | 36.365 SF | | |
| 7,100.00 | 6,673.57 | 6,711.85 | 6,695.86 | 48.49 | 24.36 | -132.20 | -1,816.96 | 193.04 | 2,232.41 | 2,171.12 | 61.29 | 36.422 | | |
| 7,200.00 | 6,760.54 | 6,798.82 | 6,782.83 | 49.49 | 24.84 | -132.99 | -1,818.71 | 193.01 | 2,279.55 | 2,217.68 | 61.86 | 36.848 | | |
| 7,300.00 | 6,847.51 | 6,885.79 | 6,870.00 | 50.49 | 25.32 | -133.78 | -1,820.46 | 193.01 | 2,344.04 | 2,281.72 | 62.31 | 37.617 | | |
| 7,400.00 | 6,934.48 | 6,972.45 | 6,958.56 | 51.49 | 25.80 | -134.57 | -1,822.21 | 192.87 | 2,422.50 | 2,359.86 | 62.63 | 38.677 | | |
| 7,500.00 | 7,021.45 | 7,059.42 | 7,047.56 | 52.49 | 26.28 | -135.36 | -1,823.96 | 192.86 | 2,511.56 | 2,448.71 | 62.85 | 39.962 | | |
| 7,600.00 | 7,108.42 | 7,146.39 | 7,136.53 | 53.49 | 26.76 | -136.15 | -1,825.71 | 192.86 | 2,607.52 | 2,544.55 | 62.97 | 41.411 | | |
| 7,700.00 | 7,195.39 | 7,233.36 | 7,225.50 | 54.49 | 27.24 | -136.94 | -1,827.46 | 192.86 | 2,706.84 | 2,643.83 | 63.02 | 42.955 | | |
| 7,800.00 | 7,282.36 | 7,320.33 | 7,314.57 | 55.49 | 27.72 | -137.73 | -1,829.21 | 192.86 | 2,806.60 | 2,743.55 | 63.05 | 44.517 | | |
| 7,900.00 | 7,369.33 | 7,407.30 | 7,404.56 | 56.49 | 28.20 | -138.52 | -1,830.96 | 192.86 | 2,906.38 | 2,843.30 | 63.08 | 46.077 | | |
| 8,000.00 | 7,456.30 | 7,494.27 | 7,493.53 | 57.49 | 28.68 | -139.31 | -1,832.71 | 192.86 | 3,006.17 | 2,943.06 | 63.11 | 47.636 | | |
| 8,100.00 | 7,543.27 | 7,581.24 | 7,581.50 | 58.49 | 29.16 | -140.10 | -1,834.46 | 192.86 | 3,105.97 | 3,042.84 | 63.14 | 49.194 | | |
| 8,200.00 | 7,630.24 | 7,668.21 | 7,669.57 | 59.49 | 29.64 | -140.89 | -1,836.21 | 192.86 | 3,205.79 | 3,142.62 | 63.17 | 50.751 | | |
| 8,300.00 | 7,717.21 | 7,755.18 | 7,757.54 | 60.49 | 30.12 | -141.68 | -1,837.96 | 192.86 | 3,305.62 | 3,242.42 | 63.20 | 52.307 | | |
| 8,400.00 | 7,804.18 | 7,842.15 | 7,844.51 | 61.49 | 30.60 | -142.47 | -1,839.71 | 192.86 | 3,405.45 | 3,342.23 | 63.23 | 53.862 | | |
| 8,500.00 | 7,891.15 | 7,929.12 | 7,931.48 | 62.49 | 31.08 | -143.26 | -1,841.46 | 192.86 | 3,505.30 | 3,442.05 | 63.26 | 55.415 | | |
| 8,600.00 | 7,978.12 | 8,016.09 | 8,018.45 | 63.49 | 31.56 | -144.05 | -1,843.21 | 192.86 | 3,605.16 | 3,541.87 | 63.29 | 56.966 | | |
| 8,700.00 | 8,065.09 | 8,103.06 | 8,105.42 | 64.49 | 32.04 | -144.84 | -1,844.96 | 193.01 | 3,705.18 | 3,641.88 | 63.30 | 58.531 | | |
| 8,800.00 | 8,152.06 | 8,189.93 | 8,192.29 | 65.49 | 32.52 | -145.63 | -1,846.71 | 193.01 | 3,805.05 | 3,741.72 | 63.33 | 60.081 | | |
| 8,900.00 | 8,239.03 | 8,276.90 | 8,279.26 | 66.49 | 33.00 | -146.42 | -1,848.46 | 193.01 | 3,904.92 | 3,841.56 | 63.36 | 61.629 | | |
| 9,000.00 | 8,326.00 | 8,363.87 | 8,366.23 | 67.49 | 33.48 | -147.21 | -1,850.21 | 193.01 | 4,004.80 | 3,941.41 | 63.39 | 63.174 | | |
| 9,100.00 | 8,412.97 | 8,450.84 | 8,453.20 | 68.49 | 33.96 | -148.00 | -1,851.96 | 193.01 | 4,104.69 | 4,041.27 | 63.42 | 64.719 | | |
| 9,200.00 | 8,499.94 | 8,537.81 | 8,540.17 | 69.49 | 34.44 | -148.79 | -1,853.71 | 193.01 | 4,204.58 | 4,141.13 | 63.45 | 66.261 | | |
| 9,300.00 | 8,586.91 | 8,624.78 | 8,627.14 | 70.49 | 34.92 | -149.58 | -1,855.46 | 193.01 | 4,304.48 | 4,240.99 | 63.49 | 67.801 | | |
| 9,400.00 | 8,673.88 | 8,711.85 | 8,714.21 | 71.49 | 35.40 | -150.37 | -1,857.21 | 193.01 | 4,404.38 | 4,340.86 | 63.52 | 69.340 | | |
| 9,500.00 | 8,760.85 | 8,798.82 | 8,801.18 | 72.49 | 35.88 | -151.16 | -1,858.96 | 193.01 | 4,504.29 | 4,440.73 | 63.55 | 70.876 | | |
| 9,600.00 | 8,847.82 | 8,885.79 | 8,888.15 | 73.49 | 36.36 | -151.95 | -1,860.71 | 193.01 | 4,604.20 | 4,540.61 | 63.58 | 72.411 | | |
| 9,700.00 | 8,934.79 | 8,972.76 | 8,975.12 | 74.49 | 36.84 | -152.74 | -1,862.46 | 193.01 | 4,704.11 | 4,640.49 | 63.62 | 73.943 | | |
| 9,800.00 | 9,021.76 | 9,059.73 | 9,062.09 | 75.49 | 37.32 | -153.53 | -1,864.21 | 193.01 | 4,804.03 | 4,740.37 | 63.65 | 75.473 | | |
| 9,900.00 | 9,108.73 | 9,146.70 | 9,149.06 | 76.49 | 37.80 | -154.32 | -1,865.96 | 193.01 | 4,903.95 | 4,840.26 | 63.69 | 77.001 | | |
| 10,000.00 | 9,195.70 | 9,233.67 | 9,236.03 | 77.49 | 38.28 | -155.11 | -1,867.71 | 193.01 | 5,003.87 | 4,940.15 | 63.72 | 78.527 | | |
| 10,100.00 | 9,282.67 | 9,320.64 | 9,323.00 | 78.49 | 38.76 | -155.90 | -1,869.46 | 193.01 | 5,103.80 | 5,040.04 | 63.76 | 80.051 | | |
| 10,200.00 | 9,369.64 | 9,407.61 | 9,410.00 | 79.49 | 39.24 | -156.69 | -1,871.21 | 193.01 | 5,203.73 | 5,139.93 | 63.79 | 81.572 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 320-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,200.00 | 6,840.00 | 7,577.00 | 7,030.93 | 119.03 | 28.70 | 171.18 | -980.08 | 193.01 | 5,303.66 | 5,239.83 | 63.83 | 83.091 | | |
| 10,300.00 | 6,840.00 | 7,577.00 | 7,030.93 | 121.59 | 28.70 | 171.18 | -980.08 | 193.01 | 5,403.60 | 5,339.73 | 63.87 | 84.607 | | |
| 10,400.00 | 6,840.00 | 7,577.00 | 7,030.93 | 124.17 | 28.70 | 171.18 | -980.08 | 193.01 | 5,503.53 | 5,439.63 | 63.90 | 86.121 | | |
| 10,500.00 | 6,840.00 | 7,577.00 | 7,030.93 | 126.75 | 28.70 | 171.18 | -980.08 | 193.01 | 5,603.47 | 5,539.53 | 63.94 | 87.632 | | |
| 10,600.00 | 6,840.00 | 7,577.00 | 7,030.93 | 129.34 | 28.70 | 171.18 | -980.08 | 193.01 | 5,703.41 | 5,639.43 | 63.98 | 89.141 | | |
| 10,700.00 | 6,840.00 | 7,577.00 | 7,030.93 | 131.93 | 28.70 | 171.18 | -980.08 | 193.01 | 5,803.36 | 5,739.34 | 64.02 | 90.648 | | |
| 10,800.00 | 6,840.00 | 7,577.00 | 7,030.93 | 134.53 | 28.70 | 171.18 | -980.08 | 193.01 | 5,903.30 | 5,839.24 | 64.06 | 92.151 | | |
| 10,900.00 | 6,840.00 | 7,577.00 | 7,030.93 | 137.13 | 28.70 | 171.18 | -980.08 | 193.01 | 6,003.25 | 5,939.15 | 64.10 | 93.652 | | |
| 11,000.00 | 6,840.00 | 7,577.00 | 7,030.93 | 139.73 | 28.70 | 171.18 | -980.08 | 193.01 | 6,103.20 | 6,039.06 | 64.14 | 95.151 | | |
| 11,100.00 | 6,840.00 | 7,577.00 | 7,030.93 | 142.35 | 28.70 | 171.18 | -980.08 | 193.01 | 6,203.15 | 6,138.97 | 64.18 | 96.646 | | |
| 11,200.00 | 6,840.00 | 7,577.00 | 7,030.93 | 144.96 | 28.70 | 171.18 | -980.08 | 193.01 | 6,303.10 | 6,238.88 | 64.23 | 98.139 | | |
| 11,300.00 | 6,840.00 | 7,577.00 | 7,030.93 | 147.58 | 28.70 | 171.18 | -980.08 | 193.01 | 6,403.06 | 6,338.79 | 64.27 | 99.629 | | |
| 11,400.00 | 6,840.00 | 7,577.00 | 7,030.93 | 150.20 | 28.70 | 171.18 | -980.08 | 193.01 | 6,503.01 | 6,438.70 | 64.31 | 101.116 | | |
| 11,500.00 | 6,840.00 | 7,577.00 | 7,030.93 | 152.83 | 28.70 | 171.18 | -980.08 | 193.01 | 6,602.97 | 6,538.61 | 64.36 | 102.601 | | |
| 11,600.00 | 6,840.00 | 7,577.00 | 7,030.93 | 155.46 | 28.70 | 171.18 | -980.08 | 193.01 | 6,702.93 | 6,638.52 | 64.40 | 104.082 | | |
| 11,700.00 | 6,840.00 | 7,577.00 | 7,030.93 | 158.09 | 28.70 | 171.18 | -980.08 | 193.01 | 6,802.88 | 6,738.44 | 64.45 | 105.561 | | |
| 11,800.00 | 6,840.00 | 7,577.00 | 7,030.93 | 160.73 | 28.70 | 171.18 | -980.08 | 193.01 | 6,902.84 | 6,838.35 | 64.49 | 107.036 | | |
| 11,900.00 | 6,840.00 | 7,577.00 | 7,030.93 | 163.36 | 28.70 | 171.18 | -980.08 | 193.01 | 7,002.81 | 6,938.27 | 64.54 | 108.509 | | |
| 12,000.00 | 6,840.00 | 7,577.00 | 7,030.93 | 166.01 | 28.70 | 171.18 | -980.08 | 193.01 | 7,102.77 | 7,038.18 | 64.58 | 109.978 | | |
| 12,100.00 | 6,840.00 | 7,577.00 | 7,030.93 | 168.65 | 28.70 | 171.18 | -980.08 | 193.01 | 7,202.73 | 7,138.10 | 64.63 | 111.445 | | |
| 12,200.00 | 6,840.00 | 7,577.00 | 7,030.93 | 171.30 | 28.70 | 171.18 | -980.08 | 193.01 | 7,302.70 | 7,238.02 | 64.68 | 112.908 | | |
| 12,300.00 | 6,840.00 | 7,577.00 | 7,030.93 | 173.94 | 28.70 | 171.18 | -980.08 | 193.01 | 7,402.66 | 7,337.94 | 64.73 | 114.368 | | |
| 12,400.00 | 6,840.00 | 7,577.00 | 7,030.93 | 176.59 | 28.70 | 171.18 | -980.08 | 193.01 | 7,502.63 | 7,437.85 | 64.78 | 115.826 | | |
| 12,500.00 | 6,840.00 | 7,577.00 | 7,030.93 | 179.25 | 28.70 | 171.18 | -980.08 | 193.01 | 7,602.60 | 7,537.77 | 64.82 | 117.279 | | |
| 12,600.00 | 6,840.00 | 7,577.00 | 7,030.93 | 181.90 | 28.70 | 171.18 | -980.08 | 193.01 | 7,702.56 | 7,637.69 | 64.87 | 118.730 | | |
| 12,700.00 | 6,840.00 | 7,577.00 | 7,030.93 | 184.56 | 28.70 | 171.18 | -980.08 | 193.01 | 7,802.53 | 7,737.61 | 64.93 | 120.177 | | |
| 12,800.00 | 6,840.00 | 7,577.00 | 7,030.93 | 187.22 | 28.70 | 171.18 | -980.08 | 193.01 | 7,902.50 | 7,837.53 | 64.98 | 121.622 | | |
| 12,900.00 | 6,840.00 | 7,577.00 | 7,030.93 | 189.88 | 28.70 | 171.18 | -980.08 | 193.01 | 8,002.47 | 7,937.44 | 65.03 | 123.062 | | |
| 13,000.00 | 6,840.00 | 7,577.00 | 7,030.93 | 192.54 | 28.70 | 171.18 | -980.08 | 193.01 | 8,102.44 | 8,037.36 | 65.08 | 124.500 | | |
| 13,100.00 | 6,840.00 | 7,577.00 | 7,030.93 | 195.20 | 28.70 | 171.18 | -980.08 | 193.01 | 8,202.42 | 8,137.28 | 65.13 | 125.934 | | |
| 13,200.00 | 6,840.00 | 7,577.00 | 7,030.93 | 197.87 | 28.70 | 171.18 | -980.08 | 193.01 | 8,302.39 | 8,237.20 | 65.19 | 127.365 | | |
| 13,300.00 | 6,840.00 | 7,577.00 | 7,030.93 | 200.53 | 28.70 | 171.18 | -980.08 | 193.01 | 8,402.36 | 8,337.12 | 65.24 | 128.792 | | |
| 13,400.00 | 6,840.00 | 7,577.00 | 7,030.93 | 203.20 | 28.70 | 171.18 | -980.08 | 193.01 | 8,502.34 | 8,437.04 | 65.29 | 130.216 | | |
| 13,500.00 | 6,840.00 | 7,577.00 | 7,030.93 | 205.87 | 28.70 | 171.18 | -980.08 | 193.01 | 8,602.31 | 8,536.96 | 65.35 | 131.637 | | |
| 13,600.00 | 6,840.00 | 7,577.00 | 7,030.93 | 208.54 | 28.70 | 171.18 | -980.08 | 193.01 | 8,702.29 | 8,636.88 | 65.40 | 133.054 | | |
| 13,700.00 | 6,840.00 | 7,577.00 | 7,030.93 | 211.22 | 28.70 | 171.18 | -980.08 | 193.01 | 8,802.26 | 8,736.80 | 65.46 | 134.467 | | |
| 13,800.00 | 6,840.00 | 7,577.00 | 7,030.93 | 213.89 | 28.70 | 171.18 | -980.08 | 193.01 | 8,902.24 | 8,836.72 | 65.52 | 135.878 | | |
| 13,900.00 | 6,840.00 | 7,577.00 | 7,030.93 | 216.56 | 28.70 | 171.18 | -980.08 | 193.01 | 9,002.21 | 8,936.64 | 65.57 | 137.284 | | |
| 14,000.00 | 6,840.00 | 7,577.00 | 7,030.93 | 219.24 | 28.70 | 171.18 | -980.08 | 193.01 | 9,102.19 | 9,036.56 | 65.63 | 138.687 | | |
| 14,100.00 | 6,840.00 | 7,577.00 | 7,030.93 | 221.92 | 28.70 | 171.18 | -980.08 | 193.01 | 9,202.17 | 9,136.48 | 65.69 | 140.086 | | |
| 14,200.00 | 6,840.00 | 7,577.00 | 7,030.93 | 224.59 | 28.70 | 171.18 | -980.08 | 193.01 | 9,302.15 | 9,236.40 | 65.75 | 141.482 | | |
| 14,300.00 | 6,840.00 | 7,577.00 | 7,030.93 | 227.27 | 28.70 | 171.18 | -980.08 | 193.01 | 9,402.13 | 9,336.32 | 65.81 | 142.874 | | |
| 14,400.00 | 6,840.00 | 7,577.00 | 7,030.93 | 229.95 | 28.70 | 171.18 | -980.08 | 193.01 | 9,502.10 | 9,436.24 | 65.87 | 144.263 | | |
| 14,500.00 | 6,840.00 | 7,577.00 | 7,030.93 | 232.63 | 28.70 | 171.18 | -980.08 | 193.01 | 9,602.08 | 9,536.16 | 65.93 | 145.648 | | |
| 14,600.00 | 6,840.00 | 7,577.00 | 7,030.93 | 235.31 | 28.70 | 171.18 | -980.08 | 193.01 | 9,702.06 | 9,636.08 | 65.99 | 147.029 | | |
| 14,700.00 | 6,840.00 | 7,577.00 | 7,030.93 | 238.00 | 28.70 | 171.18 | -980.08 | 193.01 | 9,802.04 | 9,736.00 | 66.05 | 148.406 | | |
| 14,800.00 | 6,840.00 | 7,577.00 | 7,030.93 | 240.68 | 28.70 | 171.18 | -980.08 | 193.01 | 9,902.03 | 9,835.91 | 66.11 | 149.780 | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND G25-72-1HN - OWB - FINAL SURVEY | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|-----------|
| Survey Program: 328-MWD OWSG | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 0.00 | 0.00 | 2.00 | -2.00 | 0.00 | 0.00 | -177.64 | -1,870.34 | -77.01 | 1,871.92 | | | | |
| 100.00 | 100.00 | 98.00 | 98.00 | 0.13 | 0.17 | -177.64 | -1,870.34 | -77.01 | 1,871.92 | 1,871.62 | 0.30 | 6,208.503 | |
| 200.00 | 200.00 | 198.00 | 198.00 | 0.49 | 0.34 | -177.64 | -1,870.34 | -77.01 | 1,871.92 | 1,871.09 | 0.83 | 2,254.043 | |
| 300.00 | 300.00 | 298.00 | 298.00 | 0.85 | 0.51 | -177.64 | -1,870.34 | -77.01 | 1,871.92 | 1,870.56 | 1.36 | 1,376.984 | |
| 400.00 | 400.00 | 396.90 | 396.90 | 1.21 | 0.80 | -177.64 | -1,870.36 | -77.02 | 1,871.94 | 1,869.94 | 2.01 | 931.908 | |
| 500.00 | 500.00 | 495.33 | 495.33 | 1.57 | 1.14 | -177.64 | -1,870.46 | -77.09 | 1,872.05 | 1,869.34 | 2.71 | 690.900 | |
| 600.00 | 599.98 | 593.74 | 593.74 | 1.92 | 1.48 | -61.90 | -1,870.63 | -77.20 | 1,871.41 | 1,868.01 | 3.40 | 550.576 | |
| 700.00 | 699.84 | 692.04 | 692.04 | 2.26 | 1.83 | -62.07 | -1,870.89 | -77.37 | 1,869.21 | 1,865.13 | 4.08 | 457.598 | |
| 800.00 | 799.45 | 782.42 | 782.42 | 2.62 | 2.14 | -62.33 | -1,871.40 | -77.86 | 1,865.72 | 1,860.97 | 4.75 | 392.556 | |
| 900.00 | 898.70 | 881.61 | 881.60 | 2.99 | 2.49 | -62.72 | -1,872.21 | -78.71 | 1,860.91 | 1,855.44 | 5.47 | 340.223 | |
| 1,000.00 | 997.47 | 981.53 | 981.51 | 3.39 | 2.84 | -63.24 | -1,872.97 | -79.49 | 1,854.52 | 1,848.31 | 6.21 | 298.711 | |
| 1,100.00 | 1,095.62 | 1,074.30 | 1,074.28 | 3.81 | 3.16 | -63.85 | -1,873.80 | -80.30 | 1,846.82 | 1,839.87 | 6.95 | 265.761 | |
| 1,200.00 | 1,193.06 | 1,171.42 | 1,171.39 | 4.27 | 3.51 | -64.59 | -1,874.93 | -81.36 | 1,838.01 | 1,830.28 | 7.73 | 237.657 | |
| 1,300.00 | 1,289.64 | 1,307.82 | 1,307.78 | 4.77 | 3.98 | -65.78 | -1,874.91 | -82.20 | 1,826.81 | 1,818.12 | 8.68 | 210.346 | |
| 1,400.00 | 1,385.27 | 1,412.58 | 1,412.53 | 5.31 | 4.34 | -66.93 | -1,873.25 | -82.10 | 1,813.01 | 1,803.44 | 9.56 | 189.568 | |
| 1,500.00 | 1,479.82 | 1,503.74 | 1,503.67 | 5.91 | 4.66 | -68.09 | -1,871.85 | -81.95 | 1,798.36 | 1,787.92 | 10.44 | 172.201 | |
| 1,600.00 | 1,573.19 | 1,593.08 | 1,593.00 | 6.55 | 4.97 | -69.29 | -1,870.65 | -81.80 | 1,783.18 | 1,771.81 | 11.37 | 156.809 | |
| 1,700.00 | 1,666.16 | 1,681.73 | 1,681.65 | 7.23 | 5.27 | -70.29 | -1,869.67 | -81.77 | 1,768.45 | 1,756.12 | 12.33 | 143.378 | |
| 1,800.00 | 1,759.13 | 1,779.99 | 1,779.91 | 7.93 | 5.62 | -71.41 | -1,868.68 | -81.91 | 1,754.48 | 1,741.13 | 13.35 | 131.398 | |
| 1,900.00 | 1,852.10 | 1,888.05 | 1,887.95 | 8.64 | 5.99 | -72.66 | -1,866.85 | -82.39 | 1,740.52 | 1,726.09 | 14.42 | 120.685 | |
| 2,000.00 | 1,945.06 | 1,971.33 | 1,971.21 | 9.35 | 6.28 | -73.63 | -1,865.13 | -82.88 | 1,726.90 | 1,711.48 | 15.43 | 111.955 | |
| 2,100.00 | 2,038.03 | 2,045.66 | 2,045.53 | 10.08 | 6.54 | -74.51 | -1,864.34 | -83.07 | 1,714.93 | 1,698.52 | 16.41 | 104.496 | |
| 2,200.00 | 2,131.00 | 2,123.82 | 2,123.69 | 10.81 | 6.82 | -75.45 | -1,864.31 | -82.99 | 1,704.67 | 1,687.25 | 17.42 | 97.854 | |
| 2,300.00 | 2,223.97 | 2,216.80 | 2,216.67 | 11.54 | 7.14 | -76.58 | -1,864.57 | -82.79 | 1,695.47 | 1,676.98 | 18.49 | 91.708 | |
| 2,400.00 | 2,316.94 | 2,310.86 | 2,310.73 | 12.28 | 7.47 | -77.73 | -1,864.82 | -82.59 | 1,687.01 | 1,667.45 | 19.57 | 86.218 | |
| 2,500.00 | 2,409.90 | 2,407.94 | 2,407.81 | 13.02 | 7.81 | -78.93 | -1,864.93 | -82.52 | 1,679.16 | 1,658.50 | 20.66 | 81.261 | |
| 2,600.00 | 2,502.87 | 2,503.41 | 2,503.28 | 13.77 | 8.14 | -80.11 | -1,864.84 | -82.57 | 1,671.87 | 1,650.11 | 21.76 | 76.830 | |
| 2,700.00 | 2,595.84 | 2,596.16 | 2,596.04 | 14.51 | 8.46 | -81.29 | -1,864.59 | -82.14 | 1,665.33 | 1,642.48 | 22.85 | 72.873 | |
| 2,800.00 | 2,688.81 | 2,689.05 | 2,688.92 | 15.26 | 8.79 | -82.49 | -1,864.17 | -81.17 | 1,659.62 | 1,635.67 | 23.95 | 69.299 | |
| 2,900.00 | 2,781.77 | 2,782.49 | 2,782.35 | 16.01 | 9.11 | -83.71 | -1,863.69 | -80.14 | 1,654.71 | 1,629.67 | 25.05 | 66.061 | |
| 3,000.00 | 2,874.74 | 2,874.24 | 2,874.09 | 16.76 | 9.44 | -84.91 | -1,863.20 | -79.17 | 1,650.64 | 1,624.50 | 26.14 | 63.140 | |
| 3,100.00 | 2,967.71 | 2,964.79 | 2,964.64 | 17.52 | 9.75 | -86.10 | -1,862.90 | -78.38 | 1,647.53 | 1,620.30 | 27.23 | 60.498 | |
| 3,200.00 | 3,060.68 | 3,056.59 | 3,056.43 | 18.27 | 10.08 | -87.29 | -1,862.75 | -77.75 | 1,645.37 | 1,617.04 | 28.33 | 58.089 | |
| 3,300.00 | 3,153.65 | 3,149.27 | 3,149.12 | 19.03 | 10.40 | -88.50 | -1,862.66 | -77.20 | 1,644.07 | 1,614.65 | 29.42 | 55.886 | |
| 3,400.00 | 3,246.61 | 3,242.14 | 3,241.99 | 19.78 | 10.73 | -89.71 | -1,862.56 | -76.64 | 1,643.62 | 1,613.11 | 30.51 | 53.874 | |
| 3,403.40 | 3,249.77 | 3,245.30 | 3,245.14 | 19.81 | 10.74 | -89.75 | -1,862.55 | -76.61 | 1,643.62 | 1,613.08 | 30.55 | 53.809 CC | |
| 3,500.00 | 3,339.58 | 3,334.82 | 3,334.65 | 20.54 | 11.06 | -90.93 | -1,862.28 | -75.73 | 1,644.02 | 1,612.43 | 31.59 | 52.036 ES | |
| 3,600.00 | 3,432.55 | 3,425.15 | 3,424.98 | 21.30 | 11.37 | -92.13 | -1,861.94 | -74.61 | 1,645.34 | 1,612.67 | 32.66 | 50.371 | |
| 3,700.00 | 3,525.52 | 3,514.73 | 3,514.56 | 22.06 | 11.69 | -93.30 | -1,861.89 | -73.68 | 1,647.69 | 1,613.96 | 33.73 | 48.856 | |
| 3,800.00 | 3,618.49 | 3,620.97 | 3,620.79 | 22.82 | 12.06 | -94.67 | -1,861.91 | -73.13 | 1,650.74 | 1,615.91 | 34.84 | 47.383 | |
| 3,900.00 | 3,711.45 | 3,735.49 | 3,735.31 | 23.57 | 12.46 | -96.12 | -1,861.24 | -74.03 | 1,653.49 | 1,617.52 | 35.97 | 45.967 | |
| 4,000.00 | 3,804.42 | 3,821.80 | 3,821.61 | 24.33 | 12.76 | -97.18 | -1,860.81 | -75.36 | 1,656.70 | 1,619.71 | 36.99 | 44.784 | |
| 4,100.00 | 3,897.39 | 3,911.38 | 3,911.17 | 25.09 | 13.07 | -98.27 | -1,860.83 | -77.08 | 1,660.90 | 1,622.88 | 38.02 | 43.687 | |
| 4,200.00 | 3,990.36 | 4,001.39 | 4,001.16 | 25.86 | 13.38 | -99.35 | -1,860.93 | -78.57 | 1,666.03 | 1,626.99 | 39.04 | 42.679 | |
| 4,300.00 | 4,083.32 | 4,090.88 | 4,090.65 | 26.62 | 13.69 | -100.45 | -1,860.81 | -79.42 | 1,672.11 | 1,632.07 | 40.04 | 41.760 | |
| 4,400.00 | 4,176.29 | 4,176.99 | 4,176.76 | 27.38 | 13.99 | -101.51 | -1,860.76 | -79.83 | 1,679.27 | 1,638.25 | 41.02 | 40.937 | |
| 4,500.00 | 4,269.26 | 4,263.32 | 4,263.09 | 28.14 | 14.29 | -102.56 | -1,860.94 | -79.99 | 1,687.56 | 1,645.57 | 41.99 | 40.189 | |
| 4,600.00 | 4,362.23 | 4,352.12 | 4,351.88 | 28.90 | 14.60 | -103.64 | -1,861.36 | -79.99 | 1,696.90 | 1,653.94 | 42.96 | 39.502 | |
| 4,700.00 | 4,455.20 | 4,440.93 | 4,440.69 | 29.66 | 14.91 | -104.70 | -1,862.02 | -79.91 | 1,707.21 | 1,663.30 | 43.91 | 38.877 | |
| 4,800.00 | 4,548.16 | 4,536.61 | 4,536.37 | 30.43 | 15.24 | -105.83 | -1,862.80 | -79.84 | 1,718.28 | 1,673.39 | 44.89 | 38.280 | |
| 4,900.00 | 4,641.13 | 4,633.02 | 4,632.78 | 31.19 | 15.58 | -106.95 | -1,863.50 | -79.90 | 1,729.91 | 1,684.05 | 45.85 | 37.727 | |
| 5,000.00 | 4,734.10 | 4,734.60 | 4,734.36 | 31.95 | 15.93 | -108.12 | -1,864.13 | -80.36 | 1,741.89 | 1,695.06 | 46.83 | 37.196 | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND G25-72-1HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 328-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,836.74 | 4,836.49 | 32.71 | 16.29 | -109.26 | -1,864.57 | -81.34 | 1,754.07 | 1,706.28 | 47.80 | 36.698 | | |
| 5,200.00 | 4,920.04 | 4,938.75 | 4,938.49 | 33.48 | 16.64 | -110.42 | -1,863.89 | -81.98 | 1,766.44 | 1,717.69 | 48.75 | 36.235 | | |
| 5,300.00 | 5,013.00 | 5,027.59 | 5,027.33 | 34.24 | 16.95 | -111.45 | -1,862.42 | -82.08 | 1,779.23 | 1,729.60 | 49.63 | 35.848 | | |
| 5,400.00 | 5,105.97 | 5,107.62 | 5,107.34 | 35.00 | 17.23 | -112.36 | -1,861.63 | -81.98 | 1,793.27 | 1,742.81 | 50.47 | 35.535 | | |
| 5,500.00 | 5,198.94 | 5,197.13 | 5,196.86 | 35.77 | 17.54 | -113.35 | -1,861.42 | -81.70 | 1,808.54 | 1,757.22 | 51.33 | 35.235 | | |
| 5,600.00 | 5,291.91 | 5,304.03 | 5,303.75 | 36.53 | 17.92 | -114.53 | -1,860.31 | -81.34 | 1,824.02 | 1,771.76 | 52.25 | 34.908 | | |
| 5,700.00 | 5,384.87 | 5,401.56 | 5,401.26 | 37.29 | 18.26 | -115.61 | -1,858.47 | -81.10 | 1,839.58 | 1,786.46 | 53.12 | 34.630 | | |
| 5,800.00 | 5,477.84 | 5,494.85 | 5,494.54 | 38.06 | 18.58 | -116.61 | -1,857.06 | -81.21 | 1,855.71 | 1,801.75 | 53.96 | 34.388 | | |
| 5,900.00 | 5,570.81 | 5,586.76 | 5,586.45 | 38.82 | 18.91 | -117.56 | -1,856.28 | -81.76 | 1,872.44 | 1,817.65 | 54.79 | 34.174 | | |
| 6,000.00 | 5,663.78 | 5,678.81 | 5,678.49 | 39.59 | 19.23 | -118.46 | -1,856.52 | -82.95 | 1,889.79 | 1,834.17 | 55.62 | 33.978 | | |
| 6,100.00 | 5,756.75 | 5,762.02 | 5,761.69 | 40.35 | 19.52 | -119.24 | -1,857.40 | -84.21 | 1,907.87 | 1,851.47 | 56.40 | 33.830 | | |
| 6,200.00 | 5,849.71 | 5,842.21 | 5,841.87 | 41.12 | 19.79 | -119.99 | -1,858.25 | -84.79 | 1,927.05 | 1,869.90 | 57.15 | 33.721 | | |
| 6,300.00 | 5,942.68 | 5,928.26 | 5,927.91 | 41.88 | 20.09 | -120.80 | -1,859.08 | -84.75 | 1,947.27 | 1,889.36 | 57.91 | 33.624 | | |
| 6,400.00 | 6,035.65 | 7,773.59 | 7,012.36 | 42.64 | 30.73 | -160.12 | -770.70 | -88.16 | 1,956.36 | 1,900.69 | 55.67 | 35.141 | | |
| 6,500.00 | 6,128.62 | 7,735.33 | 7,013.86 | 43.41 | 30.31 | -159.00 | -808.92 | -87.23 | 1,941.58 | 1,884.72 | 56.86 | 34.149 | | |
| 6,600.00 | 6,221.59 | 7,699.52 | 7,014.93 | 44.17 | 29.90 | -157.95 | -844.71 | -86.57 | 1,931.50 | 1,873.55 | 57.95 | 33.330 | | |
| 6,700.00 | 6,314.55 | 7,667.30 | 7,015.59 | 44.94 | 29.57 | -157.01 | -876.92 | -86.14 | 1,926.25 | 1,867.28 | 58.98 | 32.661 | | |
| 6,756.20 | 6,366.80 | 7,652.50 | 7,015.63 | 45.37 | 29.42 | -156.57 | -891.72 | -85.92 | 1,925.47 | 1,865.96 | 59.51 | 32.355 | | |
| 6,800.00 | 6,407.52 | 7,642.26 | 7,015.56 | 45.70 | 29.31 | -156.27 | -901.97 | -85.77 | 1,925.95 | 1,866.05 | 59.90 | 32.151 | | |
| 6,900.00 | 6,499.98 | 7,622.39 | 7,015.20 | 46.49 | 29.10 | -159.82 | -921.83 | -85.44 | 1,932.12 | 1,871.41 | 60.71 | 31.824 SF | | |
| 7,000.00 | 6,586.50 | 7,607.53 | 7,014.74 | 47.49 | 28.95 | -165.63 | -936.67 | -85.18 | 1,957.35 | 1,895.93 | 61.42 | 31.868 | | |
| 7,100.00 | 6,663.58 | 7,597.00 | 7,014.30 | 48.75 | 28.84 | -168.89 | -947.19 | -84.99 | 2,003.13 | 1,941.14 | 62.00 | 32.310 | | |
| 7,200.00 | 6,728.87 | 7,591.97 | 7,014.07 | 50.23 | 28.79 | -171.16 | -952.22 | -84.89 | 2,066.82 | 2,004.38 | 62.44 | 33.103 | | |
| 7,300.00 | 6,780.38 | 7,588.83 | 7,013.92 | 51.91 | 28.76 | -173.07 | -955.35 | -84.82 | 2,145.01 | 2,082.27 | 62.74 | 34.189 | | |
| 7,400.00 | 6,816.56 | 7,587.35 | 7,013.84 | 53.74 | 28.75 | -175.38 | -956.83 | -84.79 | 2,233.94 | 2,171.01 | 62.93 | 35.499 | | |
| 7,500.00 | 6,836.29 | 7,587.41 | 7,013.85 | 55.65 | 28.75 | -179.34 | -966.78 | -84.80 | 2,329.86 | 2,266.82 | 63.03 | 36.963 | | |
| 7,600.00 | 6,840.00 | 7,588.81 | 7,013.92 | 57.58 | 28.76 | 163.23 | -955.37 | -84.82 | 2,429.15 | 2,366.07 | 63.07 | 38.514 | | |
| 7,700.00 | 6,840.00 | 7,590.48 | 7,014.00 | 59.56 | 28.78 | 162.75 | -953.71 | -84.86 | 2,528.87 | 2,465.77 | 63.10 | 40.079 | | |
| 7,800.00 | 6,840.00 | 7,597.00 | 7,014.30 | 61.60 | 28.84 | 160.86 | -947.19 | -84.99 | 2,628.62 | 2,565.49 | 63.13 | 41.641 | | |
| 7,900.00 | 6,840.00 | 7,597.00 | 7,014.30 | 63.69 | 28.84 | 160.86 | -947.19 | -84.99 | 2,728.38 | 2,665.23 | 63.15 | 43.205 | | |
| 8,000.00 | 6,840.00 | 7,597.00 | 7,014.30 | 65.82 | 28.84 | 160.86 | -947.19 | -84.99 | 2,828.15 | 2,764.98 | 63.17 | 44.767 | | |
| 8,100.00 | 6,840.00 | 7,597.00 | 7,014.30 | 67.99 | 28.84 | 160.86 | -947.19 | -84.99 | 2,927.94 | 2,864.74 | 63.20 | 46.328 | | |
| 8,200.00 | 6,840.00 | 7,598.65 | 7,014.38 | 70.21 | 28.86 | 160.40 | -945.55 | -85.02 | 3,027.74 | 2,964.52 | 63.23 | 47.888 | | |
| 8,300.00 | 6,840.00 | 7,600.84 | 7,014.47 | 72.45 | 28.88 | 159.78 | -943.36 | -85.06 | 3,127.56 | 3,064.30 | 63.25 | 49.445 | | |
| 8,400.00 | 6,840.00 | 7,603.01 | 7,014.56 | 74.73 | 28.90 | 159.17 | -941.20 | -85.10 | 3,227.38 | 3,164.10 | 63.28 | 51.001 | | |
| 8,500.00 | 6,840.00 | 7,605.15 | 7,014.64 | 77.04 | 28.93 | 158.58 | -939.06 | -85.14 | 3,327.21 | 3,263.91 | 63.31 | 52.556 | | |
| 8,600.00 | 6,840.00 | 7,607.26 | 7,014.73 | 79.38 | 28.95 | 157.99 | -936.94 | -85.17 | 3,427.06 | 3,363.72 | 63.34 | 54.109 | | |
| 8,700.00 | 6,840.00 | 7,609.36 | 7,014.80 | 81.74 | 28.97 | 157.42 | -934.85 | -85.21 | 3,526.90 | 3,463.54 | 63.36 | 55.660 | | |
| 8,800.00 | 6,840.00 | 7,611.42 | 7,014.87 | 84.12 | 28.99 | 156.86 | -932.78 | -85.25 | 3,626.76 | 3,563.37 | 63.39 | 57.210 | | |
| 8,900.00 | 6,840.00 | 7,613.47 | 7,014.94 | 86.52 | 29.01 | 156.31 | -930.74 | -85.28 | 3,726.62 | 3,663.20 | 63.42 | 58.758 | | |
| 9,000.00 | 6,840.00 | 7,615.49 | 7,015.01 | 88.94 | 29.03 | 155.77 | -928.72 | -85.32 | 3,826.49 | 3,763.04 | 63.45 | 60.304 | | |
| 9,100.00 | 6,840.00 | 7,617.49 | 7,015.07 | 91.38 | 29.05 | 155.25 | -926.72 | -85.35 | 3,926.37 | 3,862.88 | 63.48 | 61.848 | | |
| 9,200.00 | 6,840.00 | 7,619.47 | 7,015.12 | 93.83 | 29.07 | 154.73 | -924.75 | -85.39 | 4,026.24 | 3,962.73 | 63.51 | 63.391 | | |
| 9,300.00 | 6,840.00 | 7,621.42 | 7,015.18 | 96.30 | 29.09 | 154.22 | -922.79 | -85.42 | 4,126.13 | 4,062.58 | 63.55 | 64.931 | | |
| 9,400.00 | 6,840.00 | 7,623.35 | 7,015.23 | 98.79 | 29.11 | 153.72 | -920.86 | -85.46 | 4,226.02 | 4,162.44 | 63.58 | 66.469 | | |
| 9,500.00 | 6,840.00 | 7,625.26 | 7,015.27 | 101.28 | 29.13 | 153.23 | -918.95 | -85.49 | 4,325.91 | 4,262.30 | 63.61 | 68.006 | | |
| 9,600.00 | 6,840.00 | 7,627.16 | 7,015.32 | 103.79 | 29.15 | 152.75 | -917.06 | -85.52 | 4,425.81 | 4,362.16 | 63.64 | 69.539 | | |
| 9,700.00 | 6,840.00 | 7,629.02 | 7,015.36 | 106.30 | 29.17 | 152.28 | -915.19 | -85.55 | 4,525.71 | 4,462.03 | 63.68 | 71.071 | | |
| 9,800.00 | 6,840.00 | 7,630.87 | 7,015.39 | 108.83 | 29.19 | 151.82 | -913.34 | -85.58 | 4,625.61 | 4,561.90 | 63.71 | 72.601 | | |
| 9,900.00 | 6,840.00 | 7,632.70 | 7,015.43 | 111.37 | 29.21 | 151.37 | -911.52 | -85.61 | 4,725.52 | 4,661.77 | 63.75 | 74.128 | | |
| 10,000.00 | 6,840.00 | 7,634.51 | 7,015.46 | 113.91 | 29.23 | 150.93 | -909.71 | -85.64 | 4,825.43 | 4,761.64 | 63.78 | 75.652 | | |
| 10,100.00 | 6,840.00 | 7,636.30 | 7,015.49 | 116.47 | 29.25 | 150.49 | -907.92 | -85.67 | 4,925.34 | 4,861.52 | 63.82 | 77.175 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND G25-72-1HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 328-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,200.00 | 6,840.00 | 7,638.08 | 7,015.51 | 119.03 | 29.27 | 150.06 | -906.15 | -85.70 | 5,025.25 | 4,961.40 | 63.86 | 78.694 | | |
| 10,300.00 | 6,840.00 | 7,639.83 | 7,015.53 | 121.59 | 29.28 | 149.64 | -904.39 | -85.73 | 5,125.17 | 5,061.28 | 63.90 | 80.212 | | |
| 10,400.00 | 6,840.00 | 7,641.56 | 7,015.56 | 124.17 | 29.30 | 149.23 | -902.66 | -85.75 | 5,225.09 | 5,161.16 | 63.93 | 81.726 | | |
| 10,500.00 | 6,840.00 | 7,643.28 | 7,015.57 | 126.75 | 29.32 | 148.83 | -900.94 | -85.78 | 5,325.02 | 5,261.04 | 63.97 | 83.238 | | |
| 10,600.00 | 6,840.00 | 7,644.98 | 7,015.59 | 129.34 | 29.34 | 148.43 | -899.25 | -85.81 | 5,424.94 | 5,360.93 | 64.01 | 84.748 | | |
| 10,700.00 | 6,840.00 | 7,646.66 | 7,015.60 | 131.93 | 29.36 | 148.04 | -897.57 | -85.83 | 5,524.87 | 5,460.82 | 64.05 | 86.254 | | |
| 10,800.00 | 6,840.00 | 7,648.32 | 7,015.61 | 134.53 | 29.37 | 147.66 | -895.90 | -85.86 | 5,624.80 | 5,560.70 | 64.09 | 87.758 | | |
| 10,900.00 | 6,840.00 | 7,649.96 | 7,015.62 | 137.13 | 29.39 | 147.28 | -894.26 | -85.89 | 5,724.73 | 5,660.59 | 64.14 | 89.259 | | |
| 11,000.00 | 6,840.00 | 7,651.59 | 7,015.63 | 139.73 | 29.41 | 146.91 | -892.63 | -85.91 | 5,824.66 | 5,760.48 | 64.18 | 90.758 | | |
| 11,100.00 | 6,840.00 | 7,653.21 | 7,015.63 | 142.35 | 29.42 | 146.55 | -891.02 | -85.93 | 5,924.60 | 5,860.38 | 64.22 | 92.253 | | |
| 11,200.00 | 6,840.00 | 7,654.80 | 7,015.64 | 144.96 | 29.44 | 146.19 | -889.42 | -85.96 | 6,024.53 | 5,960.27 | 64.26 | 93.745 | | |
| 11,300.00 | 6,840.00 | 7,656.38 | 7,015.64 | 147.58 | 29.46 | 145.84 | -887.84 | -85.98 | 6,124.47 | 6,060.16 | 64.31 | 95.235 | | |
| 11,400.00 | 6,840.00 | 7,657.95 | 7,015.64 | 150.20 | 29.47 | 145.50 | -886.28 | -86.01 | 6,224.41 | 6,160.06 | 64.35 | 96.721 | | |
| 11,500.00 | 6,840.00 | 7,659.49 | 7,015.63 | 152.83 | 29.49 | 145.16 | -884.73 | -86.03 | 6,324.35 | 6,259.95 | 64.40 | 98.204 | | |
| 11,600.00 | 6,840.00 | 7,661.03 | 7,015.63 | 155.46 | 29.50 | 144.83 | -883.20 | -86.05 | 6,424.29 | 6,359.85 | 64.45 | 99.685 | | |
| 11,700.00 | 6,840.00 | 7,662.54 | 7,015.62 | 158.09 | 29.52 | 144.50 | -881.68 | -86.07 | 6,524.24 | 6,459.74 | 64.49 | 101.162 | | |
| 11,800.00 | 6,840.00 | 7,664.05 | 7,015.61 | 160.73 | 29.54 | 144.18 | -880.18 | -86.09 | 6,624.18 | 6,559.64 | 64.54 | 102.636 | | |
| 11,900.00 | 6,840.00 | 7,665.54 | 7,015.61 | 163.36 | 29.55 | 143.87 | -878.69 | -86.12 | 6,724.13 | 6,659.54 | 64.59 | 104.107 | | |
| 12,000.00 | 6,840.00 | 7,667.01 | 7,015.59 | 166.01 | 29.57 | 143.56 | -877.22 | -86.14 | 6,824.07 | 6,759.44 | 64.64 | 105.574 | | |
| 12,100.00 | 6,840.00 | 7,668.47 | 7,015.58 | 168.65 | 29.58 | 143.25 | -875.76 | -86.16 | 6,924.02 | 6,859.33 | 64.69 | 107.039 | | |
| 12,200.00 | 6,840.00 | 7,669.91 | 7,015.57 | 171.30 | 29.60 | 142.95 | -874.31 | -86.18 | 7,023.97 | 6,959.23 | 64.74 | 108.500 | | |
| 12,300.00 | 6,840.00 | 12,300.00 | 7,014.07 | 173.94 | 80.52 | 133.33 | -821.73 | -87.13 | 7,123.86 | 7,008.62 | 115.24 | 61.817 | | |
| 12,400.00 | 6,840.00 | 12,400.00 | 7,013.99 | 176.59 | 81.62 | 132.93 | -819.20 | -87.18 | 7,223.80 | 7,107.43 | 116.37 | 62.076 | | |
| 12,500.00 | 6,840.00 | 12,500.00 | 7,013.90 | 179.25 | 82.72 | 132.54 | -816.66 | -87.24 | 7,323.74 | 7,206.23 | 117.50 | 62.329 | | |
| 12,600.00 | 6,840.00 | 12,600.00 | 7,013.81 | 181.90 | 83.82 | 132.15 | -814.13 | -87.29 | 7,423.67 | 7,305.04 | 118.63 | 62.577 | | |
| 12,700.00 | 6,840.00 | 12,700.00 | 7,013.73 | 184.56 | 84.92 | 131.77 | -811.60 | -87.34 | 7,523.61 | 7,403.85 | 119.76 | 62.820 | | |
| 12,800.00 | 6,840.00 | 12,800.00 | 7,013.64 | 187.22 | 86.02 | 131.39 | -809.07 | -87.39 | 7,623.55 | 7,502.65 | 120.90 | 63.058 | | |
| 12,900.00 | 6,840.00 | 12,900.00 | 7,013.55 | 189.88 | 87.12 | 131.02 | -806.53 | -87.45 | 7,723.49 | 7,601.46 | 122.03 | 63.292 | | |
| 13,000.00 | 6,840.00 | 13,000.00 | 7,013.47 | 192.54 | 88.23 | 130.65 | -804.00 | -87.50 | 7,823.43 | 7,700.27 | 123.16 | 63.520 | | |
| 13,100.00 | 6,840.00 | 13,100.00 | 7,013.38 | 195.20 | 89.33 | 130.29 | -801.47 | -87.55 | 7,923.37 | 7,799.07 | 124.30 | 63.744 | | |
| 13,200.00 | 6,840.00 | 13,200.00 | 7,013.29 | 197.87 | 90.43 | 129.93 | -798.94 | -87.60 | 8,023.31 | 7,897.88 | 125.43 | 63.964 | | |
| 13,300.00 | 6,840.00 | 13,300.00 | 7,013.21 | 200.53 | 91.53 | 129.58 | -796.40 | -87.65 | 8,123.26 | 7,996.68 | 126.57 | 64.179 | | |
| 13,400.00 | 6,840.00 | 7,799.57 | 7,011.25 | 203.20 | 31.02 | 123.32 | -744.76 | -88.87 | 8,223.19 | 8,157.42 | 65.77 | 125.033 | | |
| 13,500.00 | 6,840.00 | 7,801.40 | 7,011.18 | 205.87 | 31.05 | 123.12 | -742.93 | -88.92 | 8,323.12 | 8,257.28 | 65.83 | 126.425 | | |
| 13,600.00 | 6,840.00 | 7,803.22 | 7,011.10 | 208.54 | 31.07 | 122.93 | -741.12 | -88.97 | 8,423.04 | 8,357.14 | 65.90 | 127.813 | | |
| 13,700.00 | 6,840.00 | 7,805.01 | 7,011.03 | 211.22 | 31.09 | 122.75 | -739.33 | -89.01 | 8,522.97 | 8,457.00 | 65.97 | 129.197 | | |
| 13,800.00 | 6,840.00 | 7,806.79 | 7,010.96 | 213.89 | 31.11 | 122.57 | -737.55 | -89.06 | 8,622.90 | 8,556.87 | 66.04 | 130.577 | | |
| 13,900.00 | 6,840.00 | 7,808.55 | 7,010.89 | 216.56 | 31.13 | 122.39 | -735.79 | -89.10 | 8,722.83 | 8,656.73 | 66.11 | 131.953 | | |
| 14,000.00 | 6,840.00 | 7,810.30 | 7,010.82 | 219.24 | 31.15 | 122.21 | -734.05 | -89.15 | 8,822.77 | 8,756.59 | 66.17 | 133.325 | | |
| 14,100.00 | 6,840.00 | 7,812.02 | 7,010.75 | 221.92 | 31.17 | 122.04 | -732.32 | -89.19 | 8,922.70 | 8,856.45 | 66.24 | 134.694 | | |
| 14,200.00 | 6,840.00 | 7,813.74 | 7,010.69 | 224.59 | 31.19 | 121.87 | -730.61 | -89.24 | 9,022.63 | 8,956.32 | 66.31 | 136.057 | | |
| 14,300.00 | 6,840.00 | 7,815.44 | 7,010.62 | 227.27 | 31.21 | 121.71 | -728.91 | -89.28 | 9,122.57 | 9,056.18 | 66.39 | 137.417 | | |
| 14,400.00 | 6,840.00 | 7,817.12 | 7,010.56 | 229.95 | 31.23 | 121.54 | -727.23 | -89.32 | 9,222.50 | 9,156.05 | 66.46 | 138.773 | | |
| 14,500.00 | 6,840.00 | 7,818.78 | 7,010.49 | 232.63 | 31.25 | 121.38 | -725.57 | -89.36 | 9,322.44 | 9,255.91 | 66.53 | 140.125 | | |
| 14,600.00 | 6,840.00 | 7,820.44 | 7,010.43 | 235.31 | 31.27 | 121.23 | -723.92 | -89.40 | 9,422.38 | 9,355.77 | 66.60 | 141.472 | | |
| 14,700.00 | 6,840.00 | 7,822.07 | 7,010.37 | 238.00 | 31.28 | 121.07 | -722.28 | -89.44 | 9,522.31 | 9,455.64 | 66.68 | 142.816 | | |
| 14,800.00 | 6,840.00 | 7,823.69 | 7,010.31 | 240.68 | 31.30 | 120.92 | -720.66 | -89.48 | 9,622.25 | 9,555.50 | 66.75 | 144.155 | | |
| 14,900.00 | 6,840.00 | 7,825.30 | 7,010.25 | 243.36 | 31.32 | 120.77 | -719.06 | -89.52 | 9,722.19 | 9,655.37 | 66.82 | 145.490 | | |
| 15,000.00 | 6,840.00 | 7,826.89 | 7,010.19 | 246.05 | 31.34 | 120.62 | -717.47 | -89.56 | 9,822.13 | 9,755.23 | 66.90 | 146.821 | | |
| 15,100.00 | 6,840.00 | 7,828.47 | 7,010.13 | 248.74 | 31.36 | 120.48 | -715.89 | -89.60 | 9,922.07 | 9,855.10 | 66.97 | 148.148 | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND G25-73-1HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 351-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -166.34 | -1,867.42 | -453.70 | 1,921.77 | | | | | |
| 100.00 | 100.00 | 86.17 | 86.17 | 0.13 | 0.15 | -166.34 | -1,867.52 | -453.75 | 1,921.86 | 1,921.58 | 0.28 | 6,813.786 | | |
| 200.00 | 200.00 | 180.86 | 180.86 | 0.49 | 0.31 | -166.34 | -1,867.86 | -453.91 | 1,922.25 | 1,921.45 | 0.80 | 2,395.148 | | |
| 300.00 | 300.00 | 275.55 | 275.55 | 0.85 | 0.47 | -166.34 | -1,868.44 | -454.19 | 1,922.91 | 1,921.59 | 1.32 | 1,453.402 | | |
| 400.00 | 400.00 | 371.09 | 371.08 | 1.21 | 0.67 | -166.33 | -1,869.27 | -454.59 | 1,923.85 | 1,921.97 | 1.88 | 1,021.897 | | |
| 500.00 | 500.00 | 470.00 | 469.98 | 1.57 | 1.03 | -166.33 | -1,870.25 | -454.99 | 1,924.92 | 1,922.32 | 2.60 | 741.639 | | |
| 600.00 | 599.98 | 568.90 | 568.88 | 1.92 | 1.38 | -50.57 | -1,871.31 | -455.31 | 1,924.93 | 1,921.63 | 3.30 | 583.904 | | |
| 700.00 | 699.84 | 667.70 | 667.67 | 2.26 | 1.74 | -50.72 | -1,872.45 | -455.56 | 1,922.78 | 1,918.79 | 3.99 | 481.404 | | |
| 800.00 | 799.45 | 764.60 | 764.56 | 2.62 | 2.09 | -50.98 | -1,873.65 | -455.82 | 1,918.54 | 1,913.84 | 4.70 | 408.604 | | |
| 900.00 | 898.70 | 861.46 | 861.42 | 2.99 | 2.43 | -51.37 | -1,875.05 | -455.85 | 1,912.28 | 1,906.87 | 5.41 | 353.676 | | |
| 1,000.00 | 997.47 | 997.59 | 997.54 | 3.39 | 2.90 | -52.06 | -1,876.03 | -454.45 | 1,902.97 | 1,896.71 | 6.26 | 304.035 | | |
| 1,100.00 | 1,095.62 | 1,105.16 | 1,105.09 | 3.81 | 3.27 | -52.79 | -1,875.48 | -453.21 | 1,890.46 | 1,883.43 | 7.02 | 269.182 | | |
| 1,200.00 | 1,193.06 | 1,208.55 | 1,208.46 | 4.27 | 3.62 | -53.64 | -1,874.55 | -451.77 | 1,875.59 | 1,867.79 | 7.80 | 240.510 | | |
| 1,300.00 | 1,289.64 | 1,308.26 | 1,308.17 | 4.77 | 3.95 | -54.60 | -1,873.39 | -450.48 | 1,858.67 | 1,850.07 | 8.59 | 216.299 | | |
| 1,400.00 | 1,385.27 | 1,408.71 | 1,408.60 | 5.31 | 4.30 | -55.70 | -1,871.95 | -449.49 | 1,839.84 | 1,830.42 | 9.43 | 195.191 | | |
| 1,500.00 | 1,479.82 | 1,509.12 | 1,508.99 | 5.91 | 4.64 | -56.93 | -1,870.08 | -448.91 | 1,819.11 | 1,808.81 | 10.30 | 176.611 | | |
| 1,600.00 | 1,573.19 | 1,597.14 | 1,596.99 | 6.55 | 4.95 | -58.12 | -1,868.35 | -448.11 | 1,796.87 | 1,785.68 | 11.18 | 160.677 | | |
| 1,700.00 | 1,666.16 | 1,678.68 | 1,678.52 | 7.23 | 5.23 | -58.98 | -1,867.21 | -447.35 | 1,775.06 | 1,762.98 | 12.08 | 146.981 | | |
| 1,800.00 | 1,759.13 | 1,765.35 | 1,765.17 | 7.93 | 5.53 | -59.85 | -1,866.24 | -448.62 | 1,754.31 | 1,741.30 | 13.01 | 134.852 | | |
| 1,900.00 | 1,852.10 | 1,864.69 | 1,864.47 | 8.64 | 5.87 | -60.84 | -1,865.04 | -450.89 | 1,734.07 | 1,720.07 | 14.00 | 123.850 | | |
| 2,000.00 | 1,945.06 | 1,959.78 | 1,959.52 | 9.35 | 6.20 | -61.81 | -1,863.45 | -453.12 | 1,713.88 | 1,698.88 | 15.00 | 114.265 | | |
| 2,100.00 | 2,038.03 | 2,043.16 | 2,042.87 | 10.08 | 6.49 | -62.67 | -1,862.39 | -455.15 | 1,694.59 | 1,678.61 | 15.98 | 106.060 | | |
| 2,200.00 | 2,131.00 | 2,125.29 | 2,124.99 | 10.81 | 6.78 | -63.54 | -1,861.87 | -456.88 | 1,676.41 | 1,659.44 | 16.97 | 98.796 | | |
| 2,300.00 | 2,223.97 | 2,207.47 | 2,207.16 | 11.54 | 7.07 | -64.46 | -1,862.03 | -457.81 | 1,659.51 | 1,641.54 | 17.97 | 92.328 | | |
| 2,400.00 | 2,316.94 | 2,310.31 | 2,310.00 | 12.28 | 7.43 | -65.65 | -1,862.20 | -458.30 | 1,643.22 | 1,624.16 | 19.06 | 86.209 | | |
| 2,500.00 | 2,409.90 | 2,420.45 | 2,420.13 | 13.02 | 7.81 | -66.95 | -1,861.60 | -458.91 | 1,626.92 | 1,606.74 | 20.18 | 80.615 | | |
| 2,600.00 | 2,502.87 | 2,536.03 | 2,535.65 | 13.77 | 8.22 | -68.27 | -1,859.42 | -461.99 | 1,609.93 | 1,588.61 | 21.32 | 75.502 | | |
| 2,700.00 | 2,595.84 | 2,646.11 | 2,645.57 | 14.51 | 8.61 | -69.47 | -1,856.19 | -467.00 | 1,592.49 | 1,570.03 | 22.45 | 70.925 | | |
| 2,800.00 | 2,688.81 | 2,772.93 | 2,771.98 | 15.26 | 9.06 | -70.81 | -1,850.78 | -475.45 | 1,574.24 | 1,550.61 | 23.63 | 66.628 | | |
| 2,900.00 | 2,781.77 | 2,859.67 | 2,858.27 | 16.01 | 9.37 | -71.68 | -1,846.60 | -483.24 | 1,555.74 | 1,531.03 | 24.71 | 62.963 | | |
| 3,000.00 | 2,874.74 | 2,943.23 | 2,941.31 | 16.76 | 9.68 | -72.48 | -1,843.07 | -491.90 | 1,538.13 | 1,512.34 | 25.79 | 59.640 | | |
| 3,100.00 | 2,967.71 | 3,021.30 | 3,018.81 | 17.52 | 9.97 | -73.21 | -1,840.64 | -500.92 | 1,521.83 | 1,494.97 | 26.86 | 56.647 | | |
| 3,200.00 | 3,060.68 | 3,126.87 | 3,123.53 | 18.27 | 10.36 | -74.18 | -1,837.87 | -513.96 | 1,506.30 | 1,478.28 | 28.02 | 53.767 | | |
| 3,300.00 | 3,153.65 | 3,242.44 | 3,237.87 | 19.03 | 10.80 | -75.20 | -1,833.28 | -530.15 | 1,489.51 | 1,460.32 | 29.19 | 51.024 | | |
| 3,400.00 | 3,246.61 | 3,318.20 | 3,312.79 | 19.78 | 11.09 | -75.88 | -1,830.63 | -541.06 | 1,473.57 | 1,443.28 | 30.29 | 48.652 | | |
| 3,500.00 | 3,339.58 | 3,387.80 | 3,381.83 | 20.54 | 11.35 | -76.55 | -1,829.17 | -549.77 | 1,459.60 | 1,428.23 | 31.37 | 46.528 | | |
| 3,600.00 | 3,432.55 | 3,502.37 | 3,495.74 | 21.30 | 11.79 | -77.76 | -1,826.71 | -561.76 | 1,446.42 | 1,413.85 | 32.57 | 44.409 | | |
| 3,700.00 | 3,525.52 | 3,627.57 | 3,620.01 | 22.06 | 12.27 | -79.08 | -1,821.83 | -576.17 | 1,431.81 | 1,398.02 | 33.79 | 42.376 | | |
| 3,800.00 | 3,618.49 | 3,710.88 | 3,702.59 | 22.82 | 12.59 | -79.95 | -1,818.08 | -586.52 | 1,416.99 | 1,382.07 | 34.92 | 40.576 | | |
| 3,900.00 | 3,711.45 | 3,787.09 | 3,778.23 | 23.57 | 12.89 | -80.77 | -1,815.71 | -595.48 | 1,404.02 | 1,367.98 | 36.04 | 38.956 | | |
| 4,000.00 | 3,804.42 | 3,871.20 | 3,861.81 | 24.33 | 13.21 | -81.70 | -1,813.94 | -604.79 | 1,392.66 | 1,355.48 | 37.18 | 37.461 | | |
| 4,100.00 | 3,897.39 | 3,977.46 | 3,967.44 | 25.09 | 13.62 | -82.91 | -1,811.76 | -616.03 | 1,382.03 | 1,343.67 | 38.36 | 36.026 | | |
| 4,200.00 | 3,990.36 | 4,093.76 | 4,083.04 | 25.86 | 14.07 | -84.30 | -1,807.48 | -628.07 | 1,370.49 | 1,330.93 | 39.56 | 34.641 | | |
| 4,300.00 | 4,083.32 | 4,200.18 | 4,188.63 | 26.62 | 14.49 | -85.54 | -1,802.79 | -640.54 | 1,358.48 | 1,317.74 | 40.74 | 33.346 | | |
| 4,400.00 | 4,176.29 | 4,284.26 | 4,272.04 | 27.38 | 14.82 | -86.54 | -1,799.17 | -650.40 | 1,347.09 | 1,305.22 | 41.87 | 32.170 | | |
| 4,500.00 | 4,269.26 | 4,367.28 | 4,354.50 | 28.14 | 15.15 | -87.55 | -1,796.10 | -659.54 | 1,337.08 | 1,294.08 | 43.00 | 31.094 | | |
| 4,600.00 | 4,362.23 | 4,450.48 | 4,437.21 | 28.90 | 15.47 | -88.58 | -1,793.66 | -668.21 | 1,328.56 | 1,284.44 | 44.12 | 30.113 | | |
| 4,700.00 | 4,455.20 | 4,540.40 | 4,526.64 | 29.66 | 15.82 | -89.71 | -1,791.61 | -677.36 | 1,321.33 | 1,276.09 | 45.24 | 29.205 | | |
| 4,800.00 | 4,548.16 | 4,632.22 | 4,617.99 | 30.43 | 16.18 | -90.88 | -1,789.68 | -686.38 | 1,315.04 | 1,268.68 | 46.36 | 28.365 | | |
| 4,900.00 | 4,641.13 | 4,714.40 | 4,699.79 | 31.19 | 16.49 | -91.94 | -1,788.38 | -694.22 | 1,309.97 | 1,262.53 | 47.45 | 27.610 | | |
| 5,000.00 | 4,734.10 | 4,790.34 | 4,775.43 | 31.95 | 16.78 | -92.93 | -1,788.00 | -700.99 | 1,306.76 | 1,258.27 | 48.50 | 26.946 | | |
| 5,100.00 | 4,827.07 | 4,871.61 | 4,856.43 | 32.71 | 17.09 | -93.99 | -1,788.56 | -707.53 | 1,305.60 | 1,256.06 | 49.54 | 26.354 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND G25-73-1HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 351-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,129.70 | 4,854.67 | 4,897.18 | 4,881.92 | 32.94 | 17.19 | -94.32 | -1,788.88 | -709.56 | 1,305.54 | 1,255.69 | 49.85 | 26.188 | CC | |
| 5,200.00 | 4,920.04 | 4,963.92 | 4,948.46 | 33.48 | 17.43 | -95.20 | -1,789.73 | -714.67 | 1,305.76 | 1,255.15 | 50.61 | 25.802 | | |
| 5,300.00 | 5,013.00 | 5,053.82 | 5,038.15 | 34.24 | 17.77 | -96.42 | -1,790.41 | -720.71 | 1,306.71 | 1,255.07 | 51.65 | 25.301 | ES | |
| 5,400.00 | 5,105.97 | 5,149.36 | 5,133.57 | 35.00 | 18.12 | -97.77 | -1,790.65 | -725.55 | 1,308.85 | 1,256.17 | 52.69 | 24.843 | | |
| 5,500.00 | 5,198.94 | 5,224.50 | 5,208.66 | 35.77 | 18.38 | -98.89 | -1,790.22 | -728.27 | 1,312.02 | 1,258.41 | 53.62 | 24.471 | | |
| 5,600.00 | 5,291.91 | 5,289.58 | 5,273.72 | 36.53 | 18.61 | -99.87 | -1,790.82 | -729.42 | 1,318.13 | 1,263.67 | 54.46 | 24.204 | | |
| 5,700.00 | 5,384.87 | 5,359.18 | 5,343.30 | 37.29 | 18.84 | -100.93 | -1,792.23 | -729.47 | 1,326.94 | 1,271.67 | 55.27 | 24.006 | | |
| 5,800.00 | 5,477.84 | 5,438.80 | 5,422.89 | 38.06 | 19.09 | -102.15 | -1,794.50 | -728.55 | 1,337.99 | 1,281.88 | 56.10 | 23.848 | | |
| 5,900.00 | 5,570.81 | 5,550.62 | 5,534.66 | 38.82 | 19.45 | -103.88 | -1,796.69 | -726.23 | 1,349.91 | 1,292.82 | 57.09 | 23.646 | | |
| 6,000.00 | 5,663.78 | 5,630.64 | 5,614.64 | 39.59 | 19.71 | -105.14 | -1,797.67 | -724.11 | 1,362.58 | 1,304.71 | 57.87 | 23.546 | | |
| 6,100.00 | 5,756.75 | 5,741.12 | 5,725.09 | 40.35 | 20.06 | -106.80 | -1,799.23 | -722.07 | 1,375.86 | 1,317.05 | 58.81 | 23.396 | | |
| 6,200.00 | 5,849.71 | 5,842.65 | 5,826.62 | 41.12 | 20.39 | -108.29 | -1,800.16 | -721.34 | 1,388.95 | 1,329.27 | 59.68 | 23.271 | | |
| 6,300.00 | 5,942.68 | 5,926.46 | 5,910.41 | 41.88 | 20.67 | -109.48 | -1,801.31 | -721.01 | 1,403.00 | 1,342.55 | 60.45 | 23.209 | | |
| 6,400.00 | 6,035.65 | 6,009.82 | 5,993.75 | 42.64 | 20.94 | -110.67 | -1,802.48 | -719.60 | 1,418.75 | 1,357.57 | 61.18 | 23.188 | | |
| 6,500.00 | 6,128.62 | 6,114.83 | 6,098.24 | 43.41 | 21.21 | -111.86 | -1,803.65 | -718.19 | 1,434.50 | 1,373.17 | 61.95 | 23.167 | | |
| 6,600.00 | 6,221.59 | 6,207.64 | 6,191.75 | 44.17 | 21.48 | -113.05 | -1,804.82 | -716.78 | 1,450.25 | 1,388.67 | 62.72 | 23.146 | | |
| 6,700.00 | 6,314.55 | 6,300.41 | 6,284.37 | 44.93 | 21.75 | -114.24 | -1,805.99 | -715.37 | 1,466.00 | 1,404.17 | 63.49 | 23.125 | | |
| 6,800.00 | 6,407.52 | 6,393.27 | 6,377.03 | 45.69 | 22.02 | -115.43 | -1,807.16 | -713.96 | 1,481.75 | 1,418.68 | 64.26 | 23.104 | | |
| 6,876.86 | 6,478.25 | 6,463.86 | 6,447.45 | 46.31 | 22.39 | -116.62 | -1,808.33 | -712.55 | 1,497.50 | 1,433.19 | 65.03 | 23.083 | | |
| 6,900.00 | 6,499.98 | 6,485.41 | 6,468.98 | 46.49 | 23.80 | -162.92 | -873.82 | -683.28 | 1,355.66 | 1,302.73 | 52.94 | 25.609 | | |
| 7,000.00 | 6,586.50 | 6,613.00 | 6,578.60 | 47.49 | 29.74 | -170.23 | -851.07 | -685.05 | 1,373.51 | 1,312.68 | 60.83 | 22.578 | SF | |
| 7,100.00 | 6,663.58 | 6,603.64 | 6,578.16 | 48.75 | 29.64 | -173.75 | -860.38 | -684.20 | 1,414.25 | 1,352.62 | 61.63 | 22.946 | | |
| 7,200.00 | 6,728.87 | 6,600.79 | 6,578.02 | 50.23 | 29.61 | -176.72 | -863.22 | -683.94 | 1,474.95 | 1,412.79 | 62.16 | 23.728 | | |
| 7,300.00 | 6,780.38 | 6,605.17 | 6,578.23 | 51.91 | 29.65 | -179.68 | -868.86 | -684.34 | 1,551.54 | 1,489.07 | 62.47 | 24.836 | | |
| 7,400.00 | 6,816.56 | 6,618.70 | 6,578.87 | 53.74 | 29.80 | -173.30 | -845.40 | -685.59 | 1,639.66 | 1,577.01 | 62.65 | 26.173 | | |
| 7,500.00 | 6,836.29 | 7,500.00 | 6,977.19 | 55.65 | 28.55 | -164.63 | -876.39 | -683.09 | 1,734.97 | 1,673.15 | 61.81 | 28.068 | | |
| 7,600.00 | 6,840.00 | 7,688.94 | 6,981.63 | 57.58 | 30.59 | -123.24 | -775.64 | -693.29 | 1,833.57 | 1,770.71 | 62.87 | 29.166 | | |
| 7,700.00 | 6,840.00 | 7,700.00 | 6,980.97 | 59.56 | 30.71 | -124.92 | -790.66 | -691.80 | 1,932.28 | 1,869.10 | 63.17 | 30.587 | | |
| 7,800.00 | 6,840.00 | 7,715.65 | 6,982.40 | 61.60 | 30.90 | -120.57 | -749.15 | -696.65 | 2,031.31 | 1,968.30 | 63.01 | 32.237 | | |
| 7,900.00 | 6,840.00 | 7,724.36 | 6,982.57 | 63.69 | 31.00 | -119.77 | -740.51 | -697.71 | 2,130.26 | 2,067.18 | 63.08 | 33.771 | | |
| 8,000.00 | 6,840.00 | 7,732.77 | 6,982.69 | 65.82 | 31.10 | -119.03 | -732.17 | -698.72 | 2,229.25 | 2,166.10 | 63.15 | 35.304 | | |
| 8,100.00 | 6,840.00 | 7,740.89 | 6,982.77 | 67.99 | 31.20 | -118.35 | -724.10 | -699.68 | 2,328.28 | 2,265.07 | 63.21 | 36.833 | | |
| 8,200.00 | 6,840.00 | 7,748.74 | 6,982.82 | 70.21 | 31.29 | -117.70 | -716.31 | -700.59 | 2,427.36 | 2,364.08 | 63.28 | 38.359 | | |
| 8,300.00 | 6,840.00 | 7,756.33 | 6,982.83 | 72.45 | 31.38 | -117.10 | -708.77 | -701.45 | 2,526.46 | 2,463.12 | 63.35 | 39.883 | | |
| 8,400.00 | 6,840.00 | 7,763.67 | 6,982.80 | 74.73 | 31.46 | -116.54 | -701.47 | -702.28 | 2,625.61 | 2,562.19 | 63.41 | 41.404 | | |
| 8,500.00 | 6,840.00 | 7,770.78 | 6,982.75 | 77.04 | 31.55 | -116.01 | -694.40 | -703.06 | 2,724.78 | 2,661.30 | 63.48 | 42.922 | | |
| 8,600.00 | 6,840.00 | 7,789.00 | 6,982.50 | 79.38 | 31.76 | -114.72 | -676.29 | -705.00 | 2,824.02 | 2,760.42 | 63.60 | 44.401 | | |
| 8,700.00 | 6,840.00 | 7,789.00 | 6,982.50 | 81.74 | 31.76 | -114.72 | -676.29 | -705.00 | 2,923.23 | 2,859.58 | 63.64 | 45.933 | | |
| 8,800.00 | 6,840.00 | 7,789.00 | 6,982.50 | 84.12 | 31.76 | -114.72 | -676.29 | -705.00 | 3,022.48 | 2,958.80 | 63.68 | 47.463 | | |
| 8,900.00 | 6,840.00 | 7,789.00 | 6,982.50 | 86.52 | 31.76 | -114.72 | -676.29 | -705.00 | 3,121.78 | 3,058.06 | 63.72 | 48.993 | | |
| 9,000.00 | 6,840.00 | 7,804.30 | 6,982.21 | 88.94 | 31.95 | -113.71 | -661.07 | -706.57 | 3,221.07 | 3,157.23 | 63.84 | 50.454 | | |
| 9,100.00 | 6,840.00 | 7,810.75 | 6,982.08 | 91.38 | 32.03 | -113.30 | -654.66 | -707.22 | 3,320.39 | 3,256.48 | 63.92 | 51.947 | | |
| 9,200.00 | 6,840.00 | 7,817.05 | 6,981.96 | 93.83 | 32.11 | -112.92 | -648.39 | -707.85 | 3,419.74 | 3,355.75 | 64.00 | 53.437 | | |
| 9,300.00 | 6,840.00 | 7,823.20 | 6,981.85 | 96.30 | 32.18 | -112.56 | -642.27 | -708.46 | 3,519.11 | 3,455.03 | 64.07 | 54.923 | | |
| 9,400.00 | 6,840.00 | 7,829.21 | 6,981.74 | 98.79 | 32.25 | -112.21 | -636.29 | -709.04 | 3,618.49 | 3,554.34 | 64.15 | 56.405 | | |
| 9,500.00 | 6,840.00 | 7,835.09 | 6,981.63 | 101.28 | 32.33 | -111.89 | -630.44 | -709.60 | 3,717.89 | 3,653.66 | 64.23 | 57.884 | | |
| 9,600.00 | 6,840.00 | 7,840.84 | 6,981.52 | 103.79 | 32.40 | -111.57 | -624.71 | -710.15 | 3,817.30 | 3,752.99 | 64.31 | 59.358 | | |
| 9,700.00 | 6,840.00 | 7,846.46 | 6,981.42 | 106.30 | 32.47 | -111.28 | -619.12 | -710.68 | 3,916.73 | 3,852.34 | 64.39 | 60.829 | | |
| 9,800.00 | 6,840.00 | 7,851.96 | 6,981.32 | 108.83 | 32.53 | -110.99 | -613.64 | -711.19 | 4,016.18 | 3,951.71 | 64.47 | 62.295 | | |
| 9,900.00 | 6,840.00 | 7,857.35 | 6,981.22 | 111.37 | 32.60 | -110.72 | -608.28 | -711.68 | 4,115.64 | 4,051.09 | 64.55 | 63.758 | | |
| 10,000.00 | 6,840.00 | 7,862.61 | 6,981.12 | 113.91 | 32.66 | -110.46 | -603.04 | -712.16 | 4,215.11 | 4,150.48 | 64.63 | 65.217 | | |
| 10,100.00 | 6,840.00 | 7,878.00 | 6,980.84 | 116.47 | 32.85 | -109.74 | -587.71 | -713.52 | 4,314.62 | 4,249.83 | 64.79 | 66.593 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND G25-73-1HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 351-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,200.00 | 6,840.00 | 7,878.00 | 6,980.84 | 119.03 | 32.85 | 109.74 | -587.71 | -713.52 | 4,414.10 | 4,349.27 | 64.84 | 68.082 | | |
| 10,300.00 | 6,840.00 | 7,878.00 | 6,980.84 | 121.59 | 32.85 | 109.74 | -587.71 | -713.52 | 4,513.61 | 4,448.73 | 64.88 | 69.568 | | |
| 10,400.00 | 6,840.00 | 7,878.00 | 6,980.84 | 124.17 | 32.85 | 109.74 | -587.71 | -713.52 | 4,613.13 | 4,548.21 | 64.93 | 71.052 | | |
| 10,500.00 | 6,840.00 | 7,878.00 | 6,980.84 | 126.75 | 32.85 | 109.74 | -587.71 | -713.52 | 4,712.68 | 4,647.71 | 64.97 | 72.534 | | |
| 10,600.00 | 6,840.00 | 7,878.00 | 6,980.84 | 129.34 | 32.85 | 109.74 | -587.71 | -713.52 | 4,812.24 | 4,747.23 | 65.02 | 74.014 | | |
| 10,700.00 | 6,840.00 | 7,878.00 | 6,980.84 | 131.93 | 32.85 | 109.74 | -587.71 | -713.52 | 4,911.83 | 4,846.76 | 65.07 | 75.491 | | |
| 10,800.00 | 6,840.00 | 7,878.00 | 6,980.84 | 134.53 | 32.85 | 109.74 | -587.71 | -713.52 | 5,011.43 | 4,946.31 | 65.11 | 76.966 | | |
| 10,900.00 | 6,840.00 | 7,878.00 | 6,980.84 | 137.13 | 32.85 | 109.74 | -587.71 | -713.52 | 5,111.04 | 5,045.88 | 65.16 | 78.438 | | |
| 11,000.00 | 6,840.00 | 7,878.00 | 6,980.84 | 139.73 | 32.85 | 109.74 | -587.71 | -713.52 | 5,210.67 | 5,145.46 | 65.21 | 79.909 | | |
| 11,100.00 | 6,840.00 | 7,878.00 | 6,980.84 | 142.35 | 32.85 | 109.74 | -587.71 | -713.52 | 5,310.31 | 5,245.06 | 65.26 | 81.376 | | |
| 11,200.00 | 6,840.00 | 7,878.00 | 6,980.84 | 144.96 | 32.85 | 109.74 | -587.71 | -713.52 | 5,409.97 | 5,344.67 | 65.31 | 82.841 | | |
| 11,300.00 | 6,840.00 | 7,878.00 | 6,980.84 | 147.58 | 32.85 | 109.74 | -587.71 | -713.52 | 5,509.64 | 5,444.29 | 65.35 | 84.304 | | |
| 11,400.00 | 6,840.00 | 7,878.00 | 6,980.84 | 150.20 | 32.85 | 109.74 | -587.71 | -713.52 | 5,609.32 | 5,543.92 | 65.40 | 85.763 | | |
| 11,500.00 | 6,840.00 | 7,878.00 | 6,980.84 | 152.83 | 32.85 | 109.74 | -587.71 | -713.52 | 5,709.01 | 5,643.56 | 65.46 | 87.220 | | |
| 11,600.00 | 6,840.00 | 7,878.00 | 6,980.84 | 155.46 | 32.85 | 109.74 | -587.71 | -713.52 | 5,808.72 | 5,743.21 | 65.51 | 88.675 | | |
| 11,700.00 | 6,840.00 | 7,878.00 | 6,980.84 | 158.09 | 32.85 | 109.74 | -587.71 | -713.52 | 5,908.43 | 5,842.87 | 65.56 | 90.126 | | |
| 11,800.00 | 6,840.00 | 7,911.31 | 6,980.34 | 160.73 | 33.27 | 108.33 | -554.51 | -716.14 | 6,007.77 | 5,941.87 | 65.90 | 91.161 | | |
| 11,900.00 | 6,840.00 | 7,913.10 | 6,980.32 | 163.36 | 33.29 | 108.26 | -552.73 | -716.26 | 6,107.46 | 6,041.49 | 65.97 | 92.576 | | |
| 12,000.00 | 6,840.00 | 7,914.84 | 6,980.30 | 166.01 | 33.32 | 108.19 | -550.99 | -716.38 | 6,207.16 | 6,141.12 | 66.04 | 93.988 | | |
| 12,100.00 | 6,840.00 | 7,916.55 | 6,980.28 | 168.65 | 33.34 | 108.12 | -549.29 | -716.50 | 6,306.87 | 6,240.75 | 66.11 | 95.396 | | |
| 12,200.00 | 6,840.00 | 7,918.21 | 6,980.27 | 171.30 | 33.36 | 108.06 | -547.62 | -716.61 | 6,406.58 | 6,340.40 | 66.18 | 96.801 | | |
| 12,300.00 | 6,840.00 | 7,919.84 | 6,980.25 | 173.94 | 33.38 | 108.00 | -546.00 | -716.72 | 6,506.30 | 6,440.05 | 66.25 | 98.203 | | |
| 12,400.00 | 6,840.00 | 7,921.43 | 6,980.23 | 176.59 | 33.40 | 107.94 | -544.42 | -716.82 | 6,606.03 | 6,539.70 | 66.32 | 99.602 | | |
| 12,500.00 | 6,840.00 | 7,922.98 | 6,980.22 | 179.25 | 33.42 | 107.88 | -542.87 | -716.92 | 6,705.76 | 6,639.37 | 66.40 | 100.997 | | |
| 12,600.00 | 6,840.00 | 7,924.49 | 6,980.20 | 181.90 | 33.44 | 107.83 | -541.36 | -717.02 | 6,805.50 | 6,739.04 | 66.47 | 102.389 | | |
| 12,700.00 | 6,840.00 | 7,925.97 | 6,980.19 | 184.56 | 33.46 | 107.77 | -539.88 | -717.11 | 6,905.25 | 6,838.71 | 66.54 | 103.778 | | |
| 12,800.00 | 6,840.00 | 7,927.42 | 6,980.18 | 187.22 | 33.47 | 107.72 | -538.43 | -717.20 | 7,005.00 | 6,938.39 | 66.61 | 105.163 | | |
| 12,900.00 | 6,840.00 | 7,928.84 | 6,980.16 | 189.88 | 33.49 | 107.67 | -537.02 | -717.29 | 7,104.76 | 7,038.08 | 66.68 | 106.545 | | |
| 13,000.00 | 6,840.00 | 7,930.23 | 6,980.15 | 192.54 | 33.51 | 107.62 | -535.64 | -717.37 | 7,204.52 | 7,137.77 | 66.76 | 107.924 | | |
| 13,100.00 | 6,840.00 | 7,931.58 | 6,980.14 | 195.20 | 33.53 | 107.57 | -534.28 | -717.45 | 7,304.29 | 7,237.46 | 66.83 | 109.299 | | |
| 13,200.00 | 6,840.00 | 7,932.91 | 6,980.13 | 197.87 | 33.54 | 107.52 | -532.96 | -717.53 | 7,404.06 | 7,337.16 | 66.90 | 110.670 | | |
| 13,300.00 | 6,840.00 | 7,968.00 | 6,979.96 | 200.53 | 33.98 | 106.36 | -497.91 | -719.28 | 7,504.21 | 7,436.89 | 67.32 | 111.465 | | |
| 13,400.00 | 6,840.00 | 7,968.00 | 6,979.96 | 203.20 | 33.98 | 106.36 | -497.91 | -719.28 | 7,603.97 | 7,536.58 | 67.39 | 112.844 | | |
| 13,500.00 | 6,840.00 | 7,968.00 | 6,979.96 | 205.87 | 33.98 | 106.36 | -497.91 | -719.28 | 7,703.73 | 7,636.28 | 67.45 | 114.219 | | |
| 13,600.00 | 6,840.00 | 7,968.00 | 6,979.96 | 208.54 | 33.98 | 106.36 | -497.91 | -719.28 | 7,803.50 | 7,735.99 | 67.51 | 115.590 | | |
| 13,700.00 | 6,840.00 | 7,968.00 | 6,979.96 | 211.22 | 33.98 | 106.36 | -497.91 | -719.28 | 7,903.27 | 7,835.70 | 67.57 | 116.958 | | |
| 13,800.00 | 6,840.00 | 7,968.00 | 6,979.96 | 213.89 | 33.98 | 106.36 | -497.91 | -719.28 | 8,003.05 | 7,935.41 | 67.64 | 118.323 | | |
| 13,900.00 | 6,840.00 | 7,968.00 | 6,979.96 | 216.56 | 33.98 | 106.36 | -497.91 | -719.28 | 8,102.83 | 8,035.13 | 67.70 | 119.685 | | |
| 14,000.00 | 6,840.00 | 7,968.00 | 6,979.96 | 219.24 | 33.98 | 106.36 | -497.91 | -719.28 | 8,202.62 | 8,134.86 | 67.77 | 121.043 | | |
| 14,100.00 | 6,840.00 | 7,968.00 | 6,979.96 | 221.92 | 33.98 | 106.36 | -497.91 | -719.28 | 8,302.42 | 8,234.59 | 67.83 | 122.398 | | |
| 14,200.00 | 6,840.00 | 7,968.00 | 6,979.96 | 224.59 | 33.98 | 106.36 | -497.91 | -719.28 | 8,402.22 | 8,334.32 | 67.90 | 123.749 | | |
| 14,300.00 | 6,840.00 | 7,968.00 | 6,979.96 | 227.27 | 33.98 | 106.36 | -497.91 | -719.28 | 8,502.02 | 8,434.06 | 67.96 | 125.097 | | |
| 14,400.00 | 6,840.00 | 7,968.00 | 6,979.96 | 229.95 | 33.98 | 106.36 | -497.91 | -719.28 | 8,601.83 | 8,533.80 | 68.03 | 126.441 | | |
| 14,500.00 | 6,840.00 | 7,968.00 | 6,979.96 | 232.63 | 33.98 | 106.36 | -497.91 | -719.28 | 8,701.64 | 8,633.54 | 68.10 | 127.782 | | |
| 14,600.00 | 6,840.00 | 7,968.00 | 6,979.96 | 235.31 | 33.98 | 106.36 | -497.91 | -719.28 | 8,801.46 | 8,733.29 | 68.17 | 129.119 | | |
| 14,700.00 | 6,840.00 | 7,968.00 | 6,979.96 | 238.00 | 33.98 | 106.36 | -497.91 | -719.28 | 8,901.28 | 8,833.05 | 68.23 | 130.453 | | |
| 14,800.00 | 6,840.00 | 7,968.00 | 6,979.96 | 240.68 | 33.98 | 106.36 | -497.91 | -719.28 | 9,001.11 | 8,932.80 | 68.30 | 131.783 | | |
| 14,900.00 | 6,840.00 | 7,968.00 | 6,979.96 | 243.36 | 33.98 | 106.36 | -497.91 | -719.28 | 9,100.93 | 9,032.56 | 68.37 | 133.109 | | |
| 15,000.00 | 6,840.00 | 7,968.00 | 6,979.96 | 246.05 | 33.98 | 106.36 | -497.91 | -719.28 | 9,200.77 | 9,132.33 | 68.44 | 134.432 | | |
| 15,100.00 | 6,840.00 | 7,968.00 | 6,979.96 | 248.74 | 33.98 | 106.36 | -497.91 | -719.28 | 9,300.60 | 9,232.09 | 68.51 | 135.751 | | |
| 15,200.00 | 6,840.00 | 7,968.00 | 6,979.96 | 251.42 | 33.98 | 106.36 | -497.91 | -719.28 | 9,400.44 | 9,331.86 | 68.58 | 137.067 | | |
| 15,300.00 | 6,840.00 | 7,968.00 | 6,979.96 | 254.11 | 33.98 | 106.36 | -497.91 | -719.28 | 9,500.29 | 9,431.63 | 68.65 | 138.379 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design | | SEC 25-T4N-R65W - EXIST HZ HEARTLAND G25-73-1HN - OWB - FINAL SURVEY | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------|--------------------------|----------------------------------------------------------------------|--------------------------|---------------------|------------------|-----------------------------|-------------------------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|---------------------------|-----------|
| Survey Program: | | 351-MWD OWSG | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 15,400.00 | 6,840.00 | 7,968.00 | 6,979.96 | 256.80 | 33.98 | 106.36 | -497.91 | -719.28 | 9,600.13 | 9,531.41 | 68.73 | 139.687 | |
| 15,500.00 | 6,840.00 | 7,968.00 | 6,979.96 | 259.49 | 33.98 | 106.36 | -497.91 | -719.28 | 9,699.98 | 9,631.19 | 68.80 | 140.992 | |
| 15,600.00 | 6,840.00 | 7,968.00 | 6,979.96 | 262.17 | 33.98 | 106.36 | -497.91 | -719.28 | 9,799.84 | 9,730.97 | 68.87 | 142.293 | |
| 15,700.00 | 6,840.00 | 7,968.00 | 6,979.96 | 264.86 | 33.98 | 106.36 | -497.91 | -719.28 | 9,899.69 | 9,830.75 | 68.94 | 143.590 | |
| 15,800.00 | 6,840.00 | 7,968.00 | 6,979.96 | 267.55 | 33.98 | 106.36 | -497.91 | -719.28 | 9,999.55 | 9,930.53 | 69.02 | 144.884 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON G24-74-1HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 660-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 36.00 | -36.00 | 0.00 | 0.06 | -36.29 | 2,846.39 | -2,089.81 | 3,531.18 | | | | | |
| 100.00 | 100.00 | 64.00 | 64.00 | 0.13 | 0.11 | -36.29 | 2,846.39 | -2,089.81 | 3,531.18 | 3,530.94 | 0.24 | N/A | | |
| 200.00 | 200.00 | 164.00 | 164.00 | 0.49 | 0.28 | -36.29 | 2,846.39 | -2,089.81 | 3,531.18 | 3,530.41 | 0.77 | 4,565.293 | | |
| 300.00 | 300.00 | 264.00 | 264.00 | 0.85 | 0.45 | -36.29 | 2,846.39 | -2,089.81 | 3,531.18 | 3,529.88 | 1.30 | 2,709.947 | | |
| 400.00 | 400.00 | 364.00 | 364.00 | 1.21 | 0.62 | -36.29 | 2,846.39 | -2,089.81 | 3,531.18 | 3,529.35 | 1.83 | 1,926.865 | | |
| 500.00 | 500.00 | 464.00 | 464.00 | 1.57 | 0.79 | -36.29 | 2,846.39 | -2,089.81 | 3,531.18 | 3,528.82 | 2.36 | 1,494.892 | | |
| 600.00 | 599.98 | 563.98 | 563.98 | 1.92 | 0.96 | 79.54 | 2,846.39 | -2,089.81 | 3,530.86 | 3,527.98 | 2.88 | 1,225.982 | | |
| 700.00 | 699.84 | 663.84 | 663.84 | 2.26 | 1.14 | 79.65 | 2,846.39 | -2,089.81 | 3,529.92 | 3,526.52 | 3.39 | 1,039.930 | | |
| 800.00 | 799.45 | 746.18 | 746.18 | 2.62 | 1.44 | 79.80 | 2,847.06 | -2,089.35 | 3,528.67 | 3,524.62 | 4.05 | 870.875 | | |
| 900.00 | 898.70 | 845.47 | 845.45 | 2.99 | 1.79 | 80.05 | 2,848.27 | -2,088.52 | 3,527.02 | 3,522.24 | 4.78 | 737.888 | | |
| 1,000.00 | 997.47 | 944.21 | 944.18 | 3.39 | 2.14 | 80.36 | 2,849.48 | -2,087.65 | 3,524.82 | 3,519.29 | 5.53 | 637.599 | | |
| 1,100.00 | 1,095.62 | 1,040.58 | 1,040.54 | 3.81 | 2.49 | 80.73 | 2,850.68 | -2,086.80 | 3,522.14 | 3,515.84 | 6.30 | 559.372 | | |
| 1,200.00 | 1,193.06 | 1,134.33 | 1,134.28 | 4.27 | 2.82 | 81.15 | 2,851.76 | -2,086.23 | 3,519.12 | 3,512.03 | 7.09 | 496.362 | | |
| 1,300.00 | 1,289.64 | 1,227.39 | 1,227.34 | 4.77 | 3.16 | 81.61 | 2,852.73 | -2,085.97 | 3,515.83 | 3,507.91 | 7.92 | 443.904 | | |
| 1,400.00 | 1,385.27 | 1,324.41 | 1,324.35 | 5.31 | 3.50 | 82.15 | 2,853.61 | -2,085.99 | 3,512.30 | 3,503.49 | 8.81 | 398.711 | | |
| 1,500.00 | 1,479.82 | 1,456.29 | 1,456.19 | 5.91 | 3.97 | 82.97 | 2,855.39 | -2,084.02 | 3,508.19 | 3,498.32 | 9.87 | 355.420 | | |
| 1,600.00 | 1,573.19 | 1,572.31 | 1,571.97 | 6.55 | 4.39 | 83.84 | 2,858.73 | -2,077.33 | 3,503.01 | 3,492.08 | 10.93 | 320.478 | | |
| 1,700.00 | 1,666.16 | 1,677.43 | 1,676.67 | 7.23 | 4.77 | 84.61 | 2,862.74 | -2,068.91 | 3,497.89 | 3,485.90 | 11.99 | 291.691 | | |
| 1,800.00 | 1,759.13 | 1,799.57 | 1,797.51 | 7.93 | 5.23 | 85.60 | 2,869.92 | -2,052.89 | 3,492.51 | 3,479.36 | 13.15 | 265.633 | | |
| 1,900.00 | 1,852.10 | 1,884.55 | 1,880.97 | 8.64 | 5.57 | 86.35 | 2,876.53 | -2,038.28 | 3,487.51 | 3,473.32 | 14.20 | 245.672 | | |
| 2,000.00 | 1,945.06 | 1,965.48 | 1,960.11 | 9.35 | 5.91 | 87.09 | 2,883.77 | -2,023.02 | 3,483.50 | 3,468.25 | 15.25 | 228.406 | | |
| 2,100.00 | 2,038.03 | 2,065.61 | 2,057.70 | 10.08 | 6.34 | 88.02 | 2,893.28 | -2,002.75 | 3,480.24 | 3,463.82 | 16.41 | 212.044 | | |
| 2,200.00 | 2,131.00 | 2,146.19 | 2,135.67 | 10.81 | 6.71 | 88.80 | 2,901.63 | -1,984.17 | 3,477.45 | 3,459.93 | 17.52 | 198.535 | | |
| 2,300.00 | 2,223.97 | 2,194.42 | 2,182.07 | 11.54 | 6.94 | 89.29 | 2,907.37 | -1,972.37 | 3,476.25 | 3,457.76 | 18.48 | 188.063 | | |
| 2,311.02 | 2,234.21 | 2,199.67 | 2,187.12 | 11.62 | 6.97 | 89.34 | 2,908.03 | -1,971.07 | 3,476.22 | 3,457.63 | 18.59 | 186.982 CC | | |
| 2,400.00 | 2,316.94 | 2,254.46 | 2,239.78 | 12.28 | 7.24 | 89.89 | 2,915.07 | -1,957.67 | 3,476.76 | 3,457.24 | 19.51 | 178.178 | | |
| 2,500.00 | 2,409.90 | 2,433.69 | 2,413.45 | 13.02 | 8.11 | 91.62 | 2,933.88 | -1,917.69 | 3,477.43 | 3,456.30 | 21.13 | 164.581 | | |
| 2,505.61 | 2,415.12 | 2,436.30 | 2,415.97 | 13.06 | 8.13 | 91.65 | 2,934.14 | -1,917.06 | 3,477.43 | 3,456.25 | 21.18 | 164.153 | | |
| 2,600.00 | 2,502.87 | 2,479.68 | 2,457.72 | 13.77 | 8.35 | 92.08 | 2,938.74 | -1,906.25 | 3,478.24 | 3,456.13 | 22.11 | 157.340 ES | | |
| 2,700.00 | 2,595.84 | 2,530.73 | 2,506.69 | 14.51 | 8.62 | 92.60 | 2,944.83 | -1,893.15 | 3,480.85 | 3,457.74 | 23.11 | 150.606 | | |
| 2,800.00 | 2,688.81 | 2,586.23 | 2,559.91 | 15.26 | 8.92 | 93.16 | 2,951.79 | -1,879.05 | 3,485.09 | 3,460.95 | 24.14 | 144.363 | | |
| 2,900.00 | 2,781.77 | 2,707.55 | 2,676.35 | 16.01 | 9.57 | 94.39 | 2,966.70 | -1,848.41 | 3,490.31 | 3,464.78 | 25.53 | 136.718 | | |
| 3,000.00 | 2,874.74 | 2,796.70 | 2,760.95 | 16.76 | 10.09 | 95.32 | 2,978.04 | -1,822.72 | 3,495.96 | 3,469.19 | 26.77 | 130.600 | | |
| 3,100.00 | 2,967.71 | 2,856.56 | 2,817.49 | 17.52 | 10.45 | 95.96 | 2,985.97 | -1,804.71 | 3,502.85 | 3,475.00 | 27.85 | 125.775 | | |
| 3,200.00 | 3,060.68 | 2,919.71 | 2,877.17 | 18.27 | 10.83 | 96.64 | 2,994.50 | -1,785.89 | 3,511.19 | 3,482.25 | 28.94 | 121.319 | | |
| 3,300.00 | 3,153.65 | 2,990.47 | 2,944.08 | 19.03 | 11.26 | 97.39 | 3,004.24 | -1,765.07 | 3,520.99 | 3,490.92 | 30.07 | 117.096 | | |
| 3,400.00 | 3,246.61 | 3,096.22 | 3,045.32 | 19.78 | 11.88 | 98.45 | 3,017.21 | -1,737.43 | 3,531.46 | 3,500.07 | 31.38 | 112.524 | | |
| 3,500.00 | 3,339.58 | 3,172.62 | 3,118.65 | 20.54 | 12.31 | 99.21 | 3,026.30 | -1,718.00 | 3,542.87 | 3,510.36 | 32.50 | 108.998 | | |
| 3,600.00 | 3,432.55 | 3,292.33 | 3,234.67 | 21.30 | 12.95 | 100.33 | 3,038.79 | -1,691.39 | 3,554.70 | 3,520.86 | 33.83 | 105.061 | | |
| 3,700.00 | 3,525.52 | 3,374.51 | 3,314.99 | 22.06 | 13.37 | 101.06 | 3,046.30 | -1,675.71 | 3,566.99 | 3,532.06 | 34.93 | 102.124 | | |
| 3,800.00 | 3,618.49 | 3,434.69 | 3,373.78 | 22.82 | 13.67 | 101.59 | 3,052.07 | -1,664.22 | 3,580.47 | 3,544.57 | 35.89 | 99.750 | | |
| 3,900.00 | 3,711.45 | 3,545.42 | 3,481.65 | 23.57 | 14.25 | 102.59 | 3,063.00 | -1,641.71 | 3,594.84 | 3,557.71 | 37.13 | 96.817 | | |
| 4,000.00 | 3,804.42 | 3,605.24 | 3,539.72 | 24.33 | 14.57 | 103.13 | 3,068.95 | -1,628.67 | 3,609.88 | 3,571.78 | 38.09 | 94.761 | | |
| 4,100.00 | 3,897.39 | 3,658.26 | 3,591.05 | 25.09 | 14.86 | 103.62 | 3,074.61 | -1,616.66 | 3,626.29 | 3,587.28 | 39.01 | 92.956 | | |
| 4,200.00 | 3,990.36 | 3,702.79 | 3,634.05 | 25.86 | 15.10 | 104.03 | 3,079.82 | -1,606.34 | 3,644.34 | 3,604.47 | 39.87 | 91.411 | | |
| 4,300.00 | 4,083.32 | 3,793.20 | 3,720.97 | 26.62 | 15.63 | 104.88 | 3,091.21 | -1,584.23 | 3,663.90 | 3,622.90 | 41.00 | 89.366 | | |
| 4,400.00 | 4,176.29 | 3,871.74 | 3,795.85 | 27.38 | 16.11 | 105.65 | 3,100.75 | -1,562.56 | 3,683.73 | 3,641.67 | 42.07 | 87.572 | | |
| 4,500.00 | 4,269.26 | 3,927.10 | 3,848.23 | 28.14 | 16.45 | 106.20 | 3,107.89 | -1,546.13 | 3,704.99 | 3,662.01 | 42.98 | 86.208 | | |
| 4,600.00 | 4,362.23 | 4,005.33 | 3,922.12 | 28.90 | 16.96 | 106.98 | 3,118.18 | -1,522.57 | 3,727.43 | 3,683.40 | 44.04 | 84.644 | | |
| 4,700.00 | 4,455.20 | 4,700.00 | 4,075.27 | 29.66 | 21.02 | 108.50 | 3,137.57 | -1,478.69 | 3,750.33 | 3,701.76 | 48.58 | 77.207 | | |
| 4,800.00 | 4,548.16 | 4,295.34 | 4,200.52 | 30.43 | 18.67 | 109.64 | 3,149.93 | -1,448.41 | 3,771.84 | 3,724.96 | 46.88 | 80.462 | | |
| 4,900.00 | 4,641.13 | 4,463.08 | 4,363.75 | 31.19 | 19.55 | 111.05 | 3,163.56 | -1,412.40 | 3,793.24 | 3,744.91 | 48.33 | 78.490 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON G24-74-1HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 660-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,000.00 | 4,734.10 | 4,558.53 | 4,457.52 | 31.95 | 20.00 | 111.79 | 3,169.84 | -1,395.75 | 3,814.07 | 3,764.73 | 49.34 | 77.297 | | |
| 5,100.00 | 4,827.07 | 4,646.37 | 4,544.03 | 32.71 | 20.41 | 112.45 | 3,175.60 | -1,381.61 | 3,835.53 | 3,785.23 | 50.30 | 76.256 | | |
| 5,200.00 | 4,920.04 | 5,200.00 | 4,658.32 | 33.48 | 22.79 | 113.28 | 3,182.49 | -1,365.36 | 3,856.99 | 3,803.77 | 53.21 | 72.483 | | |
| 5,300.00 | 5,013.00 | 4,882.50 | 4,777.87 | 34.24 | 21.40 | 114.08 | 3,188.62 | -1,351.93 | 3,878.13 | 3,825.72 | 52.41 | 73.994 | | |
| 5,400.00 | 5,105.97 | 4,952.78 | 4,847.79 | 35.00 | 21.66 | 114.52 | 3,192.32 | -1,345.73 | 3,899.91 | 3,846.69 | 53.22 | 73.281 | | |
| 5,500.00 | 5,198.94 | 5,268.47 | 5,163.04 | 35.77 | 22.63 | 116.24 | 3,198.78 | -1,335.16 | 3,917.45 | 3,862.58 | 54.86 | 71.404 | | |
| 5,600.00 | 5,291.91 | 5,362.24 | 5,256.80 | 36.53 | 22.88 | 116.70 | 3,198.76 | -1,334.88 | 3,934.83 | 3,879.12 | 55.70 | 70.637 | | |
| 5,700.00 | 5,384.87 | 5,457.99 | 5,352.55 | 37.29 | 23.14 | 117.17 | 3,198.71 | -1,334.63 | 3,952.45 | 3,895.91 | 56.55 | 69.897 | | |
| 5,800.00 | 5,477.84 | 5,564.23 | 5,458.79 | 38.06 | 23.42 | 117.68 | 3,198.43 | -1,334.60 | 3,970.14 | 3,912.73 | 57.41 | 69.156 | | |
| 5,900.00 | 5,570.81 | 5,670.84 | 5,565.40 | 38.82 | 23.69 | 118.18 | 3,197.81 | -1,334.94 | 3,987.77 | 3,929.50 | 58.27 | 68.438 | | |
| 6,000.00 | 5,663.78 | 5,777.83 | 5,672.38 | 39.59 | 23.97 | 118.68 | 3,196.86 | -1,335.66 | 4,005.33 | 3,946.20 | 59.13 | 67.742 | | |
| 6,100.00 | 5,756.75 | 5,828.19 | 5,722.74 | 40.35 | 24.10 | 118.91 | 3,196.95 | -1,336.31 | 4,023.80 | 3,963.99 | 59.81 | 67.273 | | |
| 6,200.00 | 5,849.71 | 5,897.38 | 5,791.92 | 41.12 | 24.28 | 119.21 | 3,197.22 | -1,337.44 | 4,042.95 | 3,982.40 | 60.55 | 66.771 | | |
| 6,300.00 | 5,942.68 | 5,966.63 | 5,861.15 | 41.88 | 24.46 | 119.51 | 3,197.94 | -1,338.89 | 4,062.89 | 4,001.60 | 61.28 | 66.297 | | |
| 6,400.00 | 6,035.65 | 6,128.77 | 6,023.23 | 42.64 | 24.88 | 120.20 | 3,198.97 | -1,342.89 | 4,082.69 | 4,020.39 | 62.31 | 65.527 | | |
| 6,500.00 | 6,128.62 | 6,184.68 | 6,079.14 | 43.41 | 25.04 | 120.45 | 3,198.97 | -1,343.54 | 4,102.18 | 4,039.18 | 63.01 | 65.109 | | |
| 6,600.00 | 6,221.59 | 6,259.00 | 6,153.45 | 44.17 | 25.25 | 120.78 | 3,199.64 | -1,343.24 | 4,122.82 | 4,059.07 | 63.75 | 64.669 | | |
| 6,700.00 | 6,314.55 | 6,321.00 | 6,215.44 | 44.94 | 25.44 | 121.07 | 3,200.33 | -1,342.31 | 4,144.06 | 4,079.59 | 64.47 | 64.282 | | |
| 6,800.00 | 6,407.52 | 6,351.47 | 6,245.91 | 45.70 | 25.53 | 121.22 | 3,200.89 | -1,341.83 | 4,166.40 | 4,101.34 | 65.05 | 64.045 | | |
| 6,900.00 | 6,499.98 | 6,388.00 | 6,282.40 | 46.49 | 25.65 | 116.24 | 3,202.38 | -1,341.38 | 4,190.61 | 4,124.95 | 65.66 | 63.818 | | |
| 7,000.00 | 6,586.50 | 6,388.00 | 6,282.40 | 47.49 | 25.65 | 107.40 | 3,202.38 | -1,341.38 | 4,217.02 | 4,150.75 | 66.27 | 63.636 | | |
| 7,100.00 | 6,663.58 | 6,388.00 | 6,282.40 | 48.75 | 25.65 | 101.09 | 3,202.38 | -1,341.38 | 4,245.57 | 4,178.53 | 67.04 | 63.329 | | |
| 7,200.00 | 6,728.87 | 6,412.01 | 6,306.34 | 50.23 | 25.73 | 96.27 | 3,204.08 | -1,341.08 | 4,274.85 | 4,206.77 | 68.09 | 62.785 | | |
| 7,300.00 | 6,780.38 | 6,436.00 | 6,330.19 | 51.91 | 25.81 | 92.26 | 3,206.66 | -1,340.68 | 4,304.93 | 4,235.64 | 69.29 | 62.132 | | |
| 7,400.00 | 6,816.56 | 6,436.00 | 6,330.19 | 53.74 | 25.81 | 88.54 | 3,206.66 | -1,340.68 | 4,334.08 | 4,263.59 | 70.48 | 61.491 | | |
| 7,500.00 | 6,836.29 | 6,436.00 | 6,330.19 | 55.65 | 25.81 | 85.36 | 3,206.66 | -1,340.68 | 4,361.94 | 4,290.19 | 71.75 | 60.792 | | |
| 7,600.00 | 6,840.00 | 6,436.00 | 6,330.19 | 57.58 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 4,387.99 | 4,314.95 | 73.05 | 60.072 | | |
| 7,700.00 | 6,840.00 | 6,436.00 | 6,330.19 | 59.56 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 4,415.18 | 4,340.82 | 74.36 | 59.379 | | |
| 7,800.00 | 6,840.00 | 6,436.00 | 6,330.19 | 61.60 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 4,444.44 | 4,368.77 | 75.68 | 58.729 | | |
| 7,900.00 | 6,840.00 | 6,436.00 | 6,330.19 | 63.69 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 4,475.75 | 4,398.75 | 77.00 | 58.126 | | |
| 8,000.00 | 6,840.00 | 6,436.00 | 6,330.19 | 65.82 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 4,509.06 | 4,430.74 | 78.32 | 57.569 | | |
| 8,100.00 | 6,840.00 | 6,436.00 | 6,330.19 | 67.99 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 4,544.33 | 4,464.69 | 79.64 | 57.060 | | |
| 8,200.00 | 6,840.00 | 6,436.00 | 6,330.19 | 70.21 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 4,581.51 | 4,500.57 | 80.95 | 56.599 | | |
| 8,300.00 | 6,840.00 | 6,436.00 | 6,330.19 | 72.45 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 4,620.56 | 4,538.32 | 82.24 | 56.186 | | |
| 8,400.00 | 6,840.00 | 6,436.00 | 6,330.19 | 74.73 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 4,661.42 | 4,577.91 | 83.51 | 55.819 | | |
| 8,500.00 | 6,840.00 | 6,436.00 | 6,330.19 | 77.04 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 4,704.06 | 4,619.29 | 84.76 | 55.497 | | |
| 8,600.00 | 6,840.00 | 6,436.00 | 6,330.19 | 79.38 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 4,748.41 | 4,662.42 | 85.99 | 55.219 | | |
| 8,700.00 | 6,840.00 | 6,436.00 | 6,330.19 | 81.74 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 4,794.45 | 4,707.25 | 87.20 | 54.984 | | |
| 8,800.00 | 6,840.00 | 6,436.00 | 6,330.19 | 84.12 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 4,842.11 | 4,753.73 | 88.38 | 54.790 | | |
| 8,900.00 | 6,840.00 | 6,436.00 | 6,330.19 | 86.52 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 4,891.35 | 4,801.82 | 89.53 | 54.635 | | |
| 9,000.00 | 6,840.00 | 6,436.00 | 6,330.19 | 88.94 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 4,942.13 | 4,851.48 | 90.65 | 54.518 | | |
| 9,100.00 | 6,840.00 | 6,436.00 | 6,330.19 | 91.38 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 4,994.39 | 4,902.64 | 91.75 | 54.437 | | |
| 9,200.00 | 6,840.00 | 6,436.00 | 6,330.19 | 93.83 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 5,048.09 | 4,955.28 | 92.81 | 54.391 | | |
| 9,300.00 | 6,840.00 | 6,436.00 | 6,330.19 | 96.30 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 5,103.19 | 5,009.34 | 93.85 | 54.378 SF | | |
| 9,400.00 | 6,840.00 | 6,436.00 | 6,330.19 | 98.79 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 5,159.63 | 5,064.78 | 94.85 | 54.396 | | |
| 9,500.00 | 6,840.00 | 6,436.00 | 6,330.19 | 101.28 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 5,217.38 | 5,121.55 | 95.83 | 54.444 | | |
| 9,600.00 | 6,840.00 | 6,436.00 | 6,330.19 | 103.79 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 5,276.40 | 5,179.62 | 96.78 | 54.521 | | |
| 9,700.00 | 6,840.00 | 6,436.00 | 6,330.19 | 106.30 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 5,336.64 | 5,238.94 | 97.70 | 54.625 | | |
| 9,800.00 | 6,840.00 | 6,436.00 | 6,330.19 | 108.83 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 5,398.05 | 5,299.47 | 98.59 | 54.755 | | |
| 9,900.00 | 6,840.00 | 6,436.00 | 6,330.19 | 111.37 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 5,460.61 | 5,361.16 | 99.45 | 54.909 | | |
| 10,000.00 | 6,840.00 | 6,436.00 | 6,330.19 | 113.91 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 5,524.27 | 5,423.99 | 100.28 | 55.087 | | |
| 10,100.00 | 6,840.00 | 6,436.00 | 6,330.19 | 116.47 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 5,589.00 | 5,487.91 | 101.09 | 55.288 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON G24-74-1HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 660-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,200.00 | 6,840.00 | 6,436.00 | 6,330.19 | 119.03 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 5,654.75 | 5,552.88 | 101.87 | 55.509 | | |
| 10,300.00 | 6,840.00 | 6,436.00 | 6,330.19 | 121.59 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 5,721.49 | 5,618.87 | 102.63 | 55.751 | | |
| 10,400.00 | 6,840.00 | 6,436.00 | 6,330.19 | 124.17 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 5,789.19 | 5,685.84 | 103.36 | 56.012 | | |
| 10,500.00 | 6,840.00 | 6,436.00 | 6,330.19 | 126.75 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 5,857.82 | 5,753.76 | 104.06 | 56.292 | | |
| 10,600.00 | 6,840.00 | 6,436.00 | 6,330.19 | 129.34 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 5,927.34 | 5,822.59 | 104.74 | 56.589 | | |
| 10,700.00 | 6,840.00 | 6,436.00 | 6,330.19 | 131.93 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 5,997.72 | 5,892.32 | 105.40 | 56.902 | | |
| 10,800.00 | 6,840.00 | 6,436.00 | 6,330.19 | 134.53 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 6,068.93 | 5,962.89 | 106.04 | 57.232 | | |
| 10,900.00 | 6,840.00 | 6,436.00 | 6,330.19 | 137.13 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 6,140.95 | 6,034.29 | 106.66 | 57.577 | | |
| 11,000.00 | 6,840.00 | 6,436.00 | 6,330.19 | 139.73 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 6,213.74 | 6,106.48 | 107.25 | 57.936 | | |
| 11,100.00 | 6,840.00 | 6,436.00 | 6,330.19 | 142.35 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 6,287.27 | 6,179.45 | 107.83 | 58.309 | | |
| 11,200.00 | 6,840.00 | 6,436.00 | 6,330.19 | 144.96 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 6,361.53 | 6,253.15 | 108.38 | 58.695 | | |
| 11,300.00 | 6,840.00 | 6,436.00 | 6,330.19 | 147.58 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 6,436.49 | 6,327.57 | 108.92 | 59.093 | | |
| 11,400.00 | 6,840.00 | 6,436.00 | 6,330.19 | 150.20 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 6,512.12 | 6,402.68 | 109.44 | 59.504 | | |
| 11,500.00 | 6,840.00 | 6,436.00 | 6,330.19 | 152.83 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 6,588.40 | 6,478.46 | 109.94 | 59.926 | | |
| 11,600.00 | 6,840.00 | 6,436.00 | 6,330.19 | 155.46 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 6,665.31 | 6,554.88 | 110.43 | 60.359 | | |
| 11,700.00 | 6,840.00 | 6,436.00 | 6,330.19 | 158.09 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 6,742.82 | 6,631.92 | 110.90 | 60.802 | | |
| 11,800.00 | 6,840.00 | 6,436.00 | 6,330.19 | 160.73 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 6,820.92 | 6,709.56 | 111.35 | 61.255 | | |
| 11,900.00 | 6,840.00 | 6,436.00 | 6,330.19 | 163.36 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 6,899.58 | 6,787.79 | 111.79 | 61.718 | | |
| 12,000.00 | 6,840.00 | 6,436.00 | 6,330.19 | 166.01 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 6,978.79 | 6,866.57 | 112.22 | 62.191 | | |
| 12,100.00 | 6,840.00 | 6,436.00 | 6,330.19 | 168.65 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 7,058.53 | 6,945.90 | 112.63 | 62.672 | | |
| 12,200.00 | 6,840.00 | 6,436.00 | 6,330.19 | 171.30 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 7,138.77 | 7,025.75 | 113.03 | 63.161 | | |
| 12,300.00 | 6,840.00 | 6,436.00 | 6,330.19 | 173.94 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 7,219.51 | 7,106.10 | 113.41 | 63.658 | | |
| 12,400.00 | 6,840.00 | 6,436.00 | 6,330.19 | 176.59 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 7,300.73 | 7,186.95 | 113.78 | 64.163 | | |
| 12,500.00 | 6,840.00 | 6,436.00 | 6,330.19 | 179.25 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 7,382.41 | 7,268.26 | 114.14 | 64.676 | | |
| 12,600.00 | 6,840.00 | 6,436.00 | 6,330.19 | 181.90 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 7,464.53 | 7,350.04 | 114.49 | 65.195 | | |
| 12,700.00 | 6,840.00 | 6,436.00 | 6,330.19 | 184.56 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 7,547.09 | 7,432.26 | 114.83 | 65.722 | | |
| 12,800.00 | 6,840.00 | 6,436.00 | 6,330.19 | 187.22 | 25.81 | 83.58 | 3,206.66 | -1,340.68 | 7,630.06 | 7,514.90 | 115.16 | 66.255 | | |
| 12,900.00 | 6,840.00 | 6,415.38 | 6,309.71 | 189.88 | 25.74 | 83.30 | 3,204.39 | -1,341.03 | 7,713.21 | 7,597.86 | 115.34 | 66.872 | | |
| 13,000.00 | 6,840.00 | 6,415.21 | 6,309.53 | 192.54 | 25.74 | 83.30 | 3,204.37 | -1,341.03 | 7,796.97 | 7,681.32 | 115.65 | 67.418 | | |
| 13,100.00 | 6,840.00 | 6,415.04 | 6,309.36 | 195.20 | 25.74 | 83.29 | 3,204.36 | -1,341.03 | 7,881.12 | 7,765.17 | 115.95 | 67.970 | | |
| 13,200.00 | 6,840.00 | 6,414.87 | 6,309.19 | 197.87 | 25.74 | 83.29 | 3,204.34 | -1,341.04 | 7,965.63 | 7,849.39 | 116.24 | 68.528 | | |
| 13,300.00 | 6,840.00 | 6,414.70 | 6,309.02 | 200.53 | 25.74 | 83.29 | 3,204.32 | -1,341.04 | 8,050.49 | 7,933.97 | 116.52 | 69.091 | | |
| 13,400.00 | 6,840.00 | 6,414.53 | 6,308.85 | 203.20 | 25.73 | 83.29 | 3,204.31 | -1,341.04 | 8,135.70 | 8,018.91 | 116.79 | 69.660 | | |
| 13,500.00 | 6,840.00 | 6,414.36 | 6,308.69 | 205.87 | 25.73 | 83.28 | 3,204.29 | -1,341.04 | 8,221.25 | 8,104.19 | 117.06 | 70.233 | | |
| 13,600.00 | 6,840.00 | 6,414.19 | 6,308.52 | 208.54 | 25.73 | 83.28 | 3,204.28 | -1,341.05 | 8,307.11 | 8,189.80 | 117.31 | 70.811 | | |
| 13,700.00 | 6,840.00 | 6,414.02 | 6,308.35 | 211.22 | 25.73 | 83.28 | 3,204.26 | -1,341.05 | 8,393.29 | 8,275.73 | 117.56 | 71.393 | | |
| 13,800.00 | 6,840.00 | 6,413.85 | 6,308.18 | 213.89 | 25.73 | 83.28 | 3,204.25 | -1,341.05 | 8,479.77 | 8,361.97 | 117.81 | 71.980 | | |
| 13,900.00 | 6,840.00 | 6,413.69 | 6,308.02 | 216.56 | 25.73 | 83.28 | 3,204.23 | -1,341.05 | 8,566.55 | 8,448.51 | 118.04 | 72.571 | | |
| 14,000.00 | 6,840.00 | 6,413.52 | 6,307.85 | 219.24 | 25.73 | 83.27 | 3,204.22 | -1,341.06 | 8,653.61 | 8,535.34 | 118.27 | 73.167 | | |
| 14,100.00 | 6,840.00 | 6,413.36 | 6,307.69 | 221.92 | 25.73 | 83.27 | 3,204.20 | -1,341.06 | 8,740.95 | 8,622.46 | 118.50 | 73.766 | | |
| 14,200.00 | 6,840.00 | 6,413.19 | 6,307.52 | 224.59 | 25.73 | 83.27 | 3,204.19 | -1,341.06 | 8,828.56 | 8,709.85 | 118.71 | 74.369 | | |
| 14,300.00 | 6,840.00 | 6,413.03 | 6,307.36 | 227.27 | 25.73 | 83.27 | 3,204.17 | -1,341.06 | 8,916.43 | 8,797.50 | 118.92 | 74.975 | | |
| 14,400.00 | 6,840.00 | 6,412.86 | 6,307.20 | 229.95 | 25.73 | 83.26 | 3,204.16 | -1,341.07 | 9,004.55 | 8,885.42 | 119.13 | 75.586 | | |
| 14,500.00 | 6,840.00 | 6,412.70 | 6,307.03 | 232.63 | 25.73 | 83.26 | 3,204.14 | -1,341.07 | 9,092.92 | 8,973.59 | 119.33 | 76.199 | | |
| 14,600.00 | 6,840.00 | 6,412.54 | 6,306.87 | 235.31 | 25.73 | 83.26 | 3,204.13 | -1,341.07 | 9,181.52 | 9,062.00 | 119.53 | 76.816 | | |
| 14,700.00 | 6,840.00 | 6,412.37 | 6,306.71 | 238.00 | 25.73 | 83.26 | 3,204.11 | -1,341.07 | 9,270.36 | 9,150.64 | 119.72 | 77.436 | | |
| 14,800.00 | 6,840.00 | 6,412.21 | 6,306.55 | 240.68 | 25.73 | 83.26 | 3,204.10 | -1,341.07 | 9,359.42 | 9,239.52 | 119.90 | 78.059 | | |
| 14,900.00 | 6,840.00 | 6,412.05 | 6,306.39 | 243.36 | 25.73 | 83.25 | 3,204.08 | -1,341.08 | 9,448.70 | 9,328.62 | 120.08 | 78.684 | | |
| 15,000.00 | 6,840.00 | 6,411.89 | 6,306.23 | 246.05 | 25.73 | 83.25 | 3,204.07 | -1,341.08 | 9,538.20 | 9,417.94 | 120.26 | 79.313 | | |
| 15,100.00 | 6,840.00 | 6,411.73 | 6,306.07 | 248.74 | 25.73 | 83.25 | 3,204.05 | -1,341.08 | 9,627.90 | 9,507.47 | 120.43 | 79.944 | | |
| 15,200.00 | 6,840.00 | 6,411.57 | 6,305.91 | 251.42 | 25.73 | 83.25 | 3,204.04 | -1,341.08 | 9,717.80 | 9,597.20 | 120.60 | 80.578 | | |
| 15,300.00 | 6,840.00 | 6,411.41 | 6,305.75 | 254.11 | 25.72 | 83.24 | 3,204.03 | -1,341.09 | 9,807.90 | 9,687.13 | 120.77 | 81.215 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design | | SEC 25-T4N-R65W - EXIST HZ SHELTON G24-74-1HN - OWB - FINAL SURVEY | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------|--------------------------|--------------------------------------------------------------------|--------------------------|---------------------|------------------|-----------------------------|-------------------------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|---------------------------|-----------|
| Survey Program: 660-MWD OWSG | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 15,400.00 | 6,840.00 | 6,411.26 | 6,305.60 | 256.80 | 25.72 | 83.24 | 3,204.01 | -1,341.09 | 9,898.19 | 9,777.26 | 120.93 | 81.854 | |
| 15,500.00 | 6,840.00 | 6,411.10 | 6,305.44 | 259.49 | 25.72 | 83.24 | 3,204.00 | -1,341.09 | 9,988.66 | 9,867.58 | 121.08 | 82.495 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 682-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 36.00 | -36.00 | 0.00 | 0.06 | -36.58 | 2,846.39 | -2,112.12 | 3,544.44 | | | | | |
| 100.00 | 100.00 | 64.00 | 64.00 | 0.13 | 0.11 | -36.58 | 2,846.39 | -2,112.12 | 3,544.44 | 3,544.19 | 0.24 | N/A | | |
| 200.00 | 200.00 | 164.00 | 164.00 | 0.49 | 0.28 | -36.58 | 2,846.39 | -2,112.12 | 3,544.44 | 3,543.66 | 0.77 | 4,579.878 | | |
| 300.00 | 300.00 | 264.00 | 264.00 | 0.85 | 0.45 | -36.58 | 2,846.39 | -2,112.12 | 3,544.44 | 3,543.13 | 1.30 | 2,718.672 | | |
| 400.00 | 400.00 | 364.00 | 364.00 | 1.21 | 0.62 | -36.58 | 2,846.39 | -2,112.12 | 3,544.44 | 3,542.60 | 1.83 | 1,933.089 | | |
| 500.00 | 500.00 | 464.00 | 464.00 | 1.57 | 0.80 | -36.58 | 2,846.39 | -2,112.12 | 3,544.44 | 3,542.07 | 2.36 | 1,499.729 | | |
| 600.00 | 599.98 | 563.98 | 563.98 | 1.92 | 0.97 | 79.25 | 2,846.39 | -2,112.12 | 3,544.11 | 3,541.23 | 2.88 | 1,229.950 | | |
| 700.00 | 699.84 | 663.84 | 663.84 | 2.26 | 1.14 | 79.36 | 2,846.39 | -2,112.12 | 3,543.14 | 3,539.74 | 3.40 | 1,043.290 | | |
| 800.00 | 799.45 | 771.07 | 771.07 | 2.62 | 1.48 | 79.54 | 2,846.59 | -2,111.75 | 3,541.48 | 3,537.39 | 4.09 | 865.040 | | |
| 900.00 | 898.70 | 886.10 | 886.10 | 2.99 | 1.87 | 79.82 | 2,846.35 | -2,111.23 | 3,538.84 | 3,533.98 | 4.86 | 727.774 | | |
| 1,000.00 | 997.47 | 1,000.68 | 1,000.67 | 3.39 | 2.27 | 80.18 | 2,845.36 | -2,110.86 | 3,535.20 | 3,529.54 | 5.65 | 625.514 | | |
| 1,100.00 | 1,095.62 | 1,095.06 | 1,095.04 | 3.81 | 2.59 | 80.54 | 2,844.26 | -2,110.70 | 3,530.88 | 3,524.48 | 6.40 | 551.700 | | |
| 1,200.00 | 1,193.06 | 1,189.43 | 1,189.41 | 4.27 | 2.92 | 80.97 | 2,843.14 | -2,110.72 | 3,526.19 | 3,519.00 | 7.18 | 490.967 | | |
| 1,300.00 | 1,289.64 | 1,283.09 | 1,283.06 | 4.77 | 3.24 | 81.44 | 2,842.00 | -2,110.91 | 3,521.19 | 3,513.19 | 8.00 | 440.074 | | |
| 1,400.00 | 1,385.27 | 1,375.93 | 1,375.90 | 5.31 | 3.57 | 81.97 | 2,840.84 | -2,111.29 | 3,515.95 | 3,507.08 | 8.87 | 396.427 | | |
| 1,500.00 | 1,479.82 | 1,467.88 | 1,467.83 | 5.91 | 3.89 | 82.54 | 2,839.66 | -2,111.85 | 3,510.56 | 3,500.77 | 9.78 | 358.857 | | |
| 1,600.00 | 1,573.19 | 1,558.86 | 1,558.80 | 6.55 | 4.21 | 83.14 | 2,838.46 | -2,112.59 | 3,505.10 | 3,494.35 | 10.75 | 326.197 | | |
| 1,700.00 | 1,666.16 | 1,646.21 | 1,646.14 | 7.23 | 4.51 | 83.64 | 2,837.28 | -2,113.55 | 3,499.97 | 3,488.24 | 11.73 | 298.329 | | |
| 1,800.00 | 1,759.13 | 1,734.05 | 1,733.96 | 7.93 | 4.82 | 84.14 | 2,836.07 | -2,114.83 | 3,495.35 | 3,482.61 | 12.74 | 274.424 | | |
| 1,900.00 | 1,852.10 | 1,822.11 | 1,822.00 | 8.64 | 5.14 | 84.64 | 2,834.84 | -2,116.41 | 3,491.22 | 3,477.46 | 13.76 | 253.798 | | |
| 2,000.00 | 1,945.06 | 1,930.45 | 1,930.31 | 9.35 | 5.52 | 85.25 | 2,833.09 | -2,118.57 | 3,487.36 | 3,472.50 | 14.86 | 234.716 | | |
| 2,100.00 | 2,038.03 | 2,137.02 | 2,136.73 | 10.08 | 6.26 | 86.40 | 2,826.53 | -2,122.15 | 3,482.90 | 3,466.59 | 16.31 | 213.575 | | |
| 2,200.00 | 2,131.00 | 2,231.84 | 2,231.25 | 10.81 | 6.61 | 86.88 | 2,820.21 | -2,125.76 | 3,476.43 | 3,459.05 | 17.38 | 200.017 | | |
| 2,300.00 | 2,223.97 | 2,361.90 | 2,360.60 | 11.54 | 7.09 | 87.48 | 2,809.22 | -2,133.73 | 3,469.90 | 3,451.31 | 18.59 | 186.693 | | |
| 2,400.00 | 2,316.94 | 2,542.42 | 2,538.99 | 12.28 | 7.79 | 88.19 | 2,786.88 | -2,149.91 | 3,461.37 | 3,441.39 | 19.98 | 173.220 | | |
| 2,500.00 | 2,409.90 | 2,657.46 | 2,652.43 | 13.02 | 8.25 | 88.62 | 2,770.96 | -2,160.44 | 3,452.02 | 3,430.85 | 21.16 | 163.110 | | |
| 2,600.00 | 2,502.87 | 2,766.74 | 2,759.98 | 13.77 | 8.69 | 89.02 | 2,754.78 | -2,171.07 | 3,442.22 | 3,419.89 | 22.33 | 154.122 | | |
| 2,700.00 | 2,595.84 | 2,833.55 | 2,825.80 | 14.51 | 8.97 | 89.27 | 2,745.17 | -2,177.31 | 3,432.80 | 3,409.44 | 23.36 | 146.952 | | |
| 2,800.00 | 2,688.81 | 2,901.21 | 2,892.55 | 15.26 | 9.25 | 89.53 | 2,736.19 | -2,183.82 | 3,424.54 | 3,400.15 | 24.39 | 140.405 | | |
| 2,900.00 | 2,781.77 | 2,991.59 | 2,981.82 | 16.01 | 9.62 | 89.89 | 2,724.78 | -2,192.10 | 3,416.83 | 3,391.33 | 25.50 | 133.973 | | |
| 3,000.00 | 2,874.74 | 3,071.95 | 3,061.36 | 16.76 | 9.95 | 90.23 | 2,715.35 | -2,198.70 | 3,409.65 | 3,383.07 | 26.58 | 128.278 | | |
| 3,100.00 | 2,967.71 | 3,153.84 | 3,142.54 | 17.52 | 10.29 | 90.59 | 2,706.51 | -2,204.73 | 3,403.08 | 3,375.42 | 27.66 | 123.037 | | |
| 3,200.00 | 3,060.68 | 3,200.10 | 3,188.50 | 18.27 | 10.47 | 90.80 | 2,702.14 | -2,207.71 | 3,397.58 | 3,368.97 | 28.60 | 118.779 | | |
| 3,300.00 | 3,153.65 | 3,258.00 | 3,246.20 | 19.03 | 10.69 | 91.10 | 2,698.41 | -2,210.47 | 3,393.93 | 3,364.34 | 29.59 | 114.718 | | |
| 3,400.00 | 3,246.61 | 3,315.75 | 3,303.87 | 19.78 | 10.91 | 91.41 | 2,695.86 | -2,212.22 | 3,391.60 | 3,361.05 | 30.55 | 111.012 | | |
| 3,500.00 | 3,339.58 | 3,392.48 | 3,380.55 | 20.54 | 11.18 | 91.86 | 2,693.22 | -2,213.10 | 3,389.93 | 3,358.35 | 31.57 | 107.365 | | |
| 3,590.09 | 3,423.34 | 3,448.00 | 3,436.06 | 21.22 | 11.37 | 92.21 | 2,692.23 | -2,212.73 | 3,389.37 | 3,356.93 | 32.44 | 104.482 | | |
| 3,600.00 | 3,432.55 | 3,448.00 | 3,436.06 | 21.30 | 11.37 | 92.21 | 2,692.23 | -2,212.73 | 3,389.39 | 3,356.87 | 32.51 | 104.244 | | |
| 3,700.00 | 3,525.52 | 3,498.05 | 3,486.10 | 22.06 | 11.53 | 92.52 | 2,692.06 | -2,212.24 | 3,390.36 | 3,356.94 | 33.42 | 101.443 | | |
| 3,800.00 | 3,618.49 | 3,543.20 | 3,531.25 | 22.82 | 11.68 | 92.81 | 2,692.47 | -2,212.21 | 3,393.08 | 3,358.77 | 34.30 | 98.911 | | |
| 3,900.00 | 3,711.45 | 3,644.72 | 3,632.76 | 23.57 | 12.02 | 93.44 | 2,693.77 | -2,212.76 | 3,396.72 | 3,361.33 | 35.39 | 95.982 | | |
| 4,000.00 | 3,804.42 | 3,746.69 | 3,734.72 | 24.33 | 12.35 | 94.06 | 2,694.63 | -2,213.72 | 3,400.52 | 3,364.05 | 36.47 | 93.232 | | |
| 4,100.00 | 3,897.39 | 9,917.92 | 6,991.79 | 25.09 | 63.32 | 104.15 | -471.47 | -2,238.72 | 3,360.45 | 3,320.04 | 40.41 | 83.161 | | |
| 4,200.00 | 3,990.36 | 9,940.86 | 6,991.77 | 25.86 | 63.70 | 103.70 | -494.41 | -2,239.09 | 3,261.87 | 3,221.06 | 40.81 | 79.931 | | |
| 4,300.00 | 4,083.32 | 9,963.26 | 6,991.70 | 26.62 | 64.07 | 103.21 | -516.81 | -2,239.47 | 3,163.26 | 3,122.05 | 41.21 | 76.763 | | |
| 4,400.00 | 4,176.29 | 9,996.13 | 6,991.48 | 27.38 | 64.61 | 102.43 | -549.68 | -2,240.02 | 3,064.61 | 3,022.96 | 41.65 | 73.575 | | |
| 4,500.00 | 4,269.26 | 10,034.48 | 6,990.97 | 28.14 | 65.24 | 101.37 | -588.02 | -2,240.56 | 2,965.85 | 2,923.73 | 42.12 | 70.422 | | |
| 4,600.00 | 4,362.23 | 10,069.30 | 6,990.28 | 28.90 | 65.82 | 100.25 | -622.82 | -2,240.95 | 2,866.98 | 2,824.42 | 42.56 | 67.364 | | |
| 4,700.00 | 4,455.20 | 4,700.00 | 6,990.48 | 29.66 | 22.91 | 100.69 | -609.79 | -2,240.78 | 2,768.09 | 2,746.73 | 21.36 | 129.588 | | |
| 4,800.00 | 4,548.16 | 10,086.25 | 6,989.95 | 30.43 | 66.10 | 99.64 | -639.77 | -2,241.07 | 2,669.23 | 2,625.95 | 43.28 | 61.678 | | |
| 4,900.00 | 4,641.13 | 10,095.95 | 6,989.81 | 31.19 | 66.26 | 99.28 | -649.47 | -2,241.10 | 2,570.40 | 2,526.75 | 43.66 | 58.879 | | |
| 5,000.00 | 4,734.10 | 10,105.93 | 6,989.69 | 31.95 | 66.43 | 98.90 | -659.45 | -2,241.11 | 2,471.61 | 2,427.57 | 44.05 | 56.112 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 682-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 10,116.20 | 6,989.61 | 32.71 | 66.60 | 98.49 | -669.72 | -2,241.09 | 2,372.86 | 2,328.41 | 44.45 | 53.379 | | |
| 5,200.00 | 4,920.04 | 10,126.76 | 6,989.55 | 33.48 | 66.77 | 98.05 | -680.28 | -2,241.04 | 2,274.15 | 2,229.27 | 44.87 | 50.680 | | |
| 5,300.00 | 5,013.00 | 10,137.64 | 6,989.54 | 34.24 | 66.95 | 97.58 | -691.16 | -2,240.95 | 2,175.47 | 2,130.16 | 45.31 | 48.015 | | |
| 5,400.00 | 5,105.97 | 10,148.84 | 6,989.56 | 35.00 | 67.14 | 97.08 | -702.36 | -2,240.83 | 2,076.84 | 2,031.08 | 45.76 | 45.385 | | |
| 5,500.00 | 5,198.94 | 10,162.00 | 6,989.64 | 35.77 | 67.36 | 96.45 | -715.52 | -2,240.65 | 1,978.26 | 1,932.03 | 46.23 | 42.794 | | |
| 5,600.00 | 5,291.91 | 10,178.54 | 6,989.76 | 36.53 | 67.63 | 95.61 | -732.06 | -2,240.38 | 1,879.70 | 1,833.00 | 46.71 | 40.246 | | |
| 5,700.00 | 5,384.87 | 10,197.42 | 6,989.89 | 37.29 | 67.95 | 94.54 | -750.93 | -2,240.04 | 1,781.13 | 1,733.94 | 47.19 | 37.743 | | |
| 5,800.00 | 5,477.84 | 10,215.95 | 6,989.99 | 38.06 | 68.26 | 93.36 | -769.46 | -2,239.67 | 1,682.55 | 1,634.86 | 47.69 | 35.280 | | |
| 5,900.00 | 5,570.81 | 10,234.15 | 6,990.08 | 38.82 | 68.56 | 92.06 | -787.66 | -2,239.28 | 1,583.97 | 1,535.76 | 48.21 | 32.855 | | |
| 6,000.00 | 5,663.78 | 10,252.04 | 6,990.15 | 39.59 | 68.86 | 90.62 | -805.53 | -2,238.87 | 1,485.38 | 1,436.63 | 48.75 | 30.467 | | |
| 6,100.00 | 5,756.75 | 10,269.60 | 6,990.20 | 40.35 | 69.16 | 89.01 | -823.10 | -2,238.45 | 1,386.80 | 1,337.48 | 49.32 | 28.116 | | |
| 6,200.00 | 5,849.71 | 10,283.33 | 6,990.22 | 41.12 | 69.39 | 87.57 | -836.82 | -2,238.18 | 1,288.27 | 1,238.30 | 49.97 | 25.781 | | |
| 6,300.00 | 5,942.68 | 10,298.69 | 6,990.24 | 41.88 | 69.64 | 85.76 | -852.18 | -2,237.89 | 1,189.77 | 1,139.12 | 50.65 | 23.489 | | |
| 6,400.00 | 6,035.65 | 10,314.04 | 6,990.24 | 42.64 | 69.90 | 83.68 | -867.53 | -2,237.64 | 1,091.33 | 1,039.92 | 51.40 | 21.230 | | |
| 6,500.00 | 6,128.62 | 10,329.38 | 6,990.23 | 43.41 | 70.16 | 81.30 | -882.86 | -2,237.43 | 992.96 | 940.71 | 52.24 | 19.006 | | |
| 6,600.00 | 6,221.59 | 10,344.69 | 6,990.20 | 44.17 | 70.41 | 78.55 | -898.17 | -2,237.25 | 894.68 | 841.48 | 53.20 | 16.817 | | |
| 6,700.00 | 6,314.55 | 10,359.38 | 6,990.17 | 44.94 | 70.66 | 75.49 | -912.86 | -2,237.10 | 796.54 | 742.21 | 54.34 | 14.659 | | |
| 6,800.00 | 6,407.52 | 10,373.92 | 6,990.18 | 45.70 | 70.91 | 72.00 | -927.40 | -2,236.93 | 698.61 | 642.90 | 55.72 | 12.539 | | |
| 6,900.00 | 6,499.98 | 10,388.70 | 6,990.22 | 46.49 | 71.15 | 79.29 | -942.18 | -2,236.73 | 600.76 | 543.46 | 57.30 | 10.485 | | |
| 7,000.00 | 6,586.50 | 10,402.54 | 6,990.31 | 47.49 | 71.39 | 134.28 | -956.02 | -2,236.50 | 501.96 | 444.26 | 57.69 | 8.701 | | |
| 7,100.00 | 6,663.58 | 10,414.64 | 6,990.41 | 48.75 | 71.59 | 166.15 | -968.11 | -2,236.29 | 404.84 | 349.22 | 55.62 | 7.279 | | |
| 7,200.00 | 6,728.87 | 10,424.46 | 6,990.51 | 50.23 | 71.75 | 175.55 | -977.93 | -2,236.09 | 315.50 | 265.55 | 49.95 | 6.317 | | |
| 7,300.00 | 6,780.38 | 10,431.57 | 6,990.60 | 51.91 | 71.87 | 178.83 | -985.04 | -2,235.95 | 246.99 | 202.21 | 44.78 | 5.516 | | |
| 7,391.46 | 6,814.10 | 10,435.47 | 6,990.65 | 53.58 | 71.94 | 179.71 | -988.93 | -2,235.86 | 222.46 | 164.69 | 57.77 | 3.851 CC | | |
| 7,400.00 | 6,816.56 | 10,435.70 | 6,990.66 | 53.74 | 71.94 | 179.72 | -989.17 | -2,235.86 | 222.68 | 162.71 | 59.98 | 3.713 ES | | |
| 7,500.00 | 6,836.29 | 10,436.73 | 6,990.67 | 55.65 | 71.96 | 178.94 | -990.20 | -2,235.83 | 256.35 | 172.49 | 83.85 | 3.057 SF | | |
| 7,600.00 | 6,840.00 | 10,434.88 | 6,990.64 | 57.58 | 71.93 | 177.01 | -988.35 | -2,235.87 | 329.46 | 234.00 | 95.46 | 3.451 | | |
| 7,700.00 | 6,840.00 | 10,432.44 | 6,990.61 | 59.56 | 71.89 | 176.26 | -985.91 | -2,235.93 | 415.70 | 315.21 | 100.49 | 4.137 | | |
| 7,800.00 | 6,840.00 | 10,430.07 | 6,990.58 | 61.60 | 71.85 | 175.54 | -983.54 | -2,235.98 | 507.00 | 404.04 | 102.96 | 4.924 | | |
| 7,900.00 | 6,840.00 | 10,427.76 | 6,990.55 | 63.69 | 71.81 | 174.83 | -981.23 | -2,236.03 | 601.07 | 496.78 | 104.28 | 5.764 | | |
| 8,000.00 | 6,840.00 | 10,425.51 | 6,990.53 | 65.82 | 71.77 | 174.15 | -978.98 | -2,236.07 | 696.78 | 591.75 | 105.03 | 6.634 | | |
| 8,100.00 | 6,840.00 | 10,423.31 | 6,990.50 | 67.99 | 71.74 | 173.48 | -976.79 | -2,236.12 | 793.54 | 688.06 | 105.48 | 7.523 | | |
| 8,200.00 | 6,840.00 | 10,421.18 | 6,990.48 | 70.21 | 71.70 | 172.83 | -974.65 | -2,236.16 | 891.02 | 785.26 | 105.76 | 8.425 | | |
| 8,300.00 | 6,840.00 | 10,419.09 | 6,990.45 | 72.45 | 71.66 | 172.20 | -972.56 | -2,236.20 | 988.99 | 883.06 | 105.93 | 9.336 | | |
| 8,400.00 | 6,840.00 | 10,417.06 | 6,990.43 | 74.73 | 71.63 | 171.59 | -970.53 | -2,236.24 | 1,087.33 | 981.28 | 106.04 | 10.254 | | |
| 8,500.00 | 6,840.00 | 10,415.07 | 6,990.41 | 77.04 | 71.60 | 170.99 | -968.55 | -2,236.28 | 1,185.94 | 1,079.83 | 106.11 | 11.176 | | |
| 8,600.00 | 6,840.00 | 10,413.13 | 6,990.40 | 79.38 | 71.56 | 170.41 | -966.61 | -2,236.31 | 1,284.76 | 1,178.61 | 106.15 | 12.103 | | |
| 8,700.00 | 6,840.00 | 10,411.24 | 6,990.38 | 81.74 | 71.53 | 169.85 | -964.72 | -2,236.35 | 1,383.75 | 1,277.57 | 106.18 | 13.033 | | |
| 8,800.00 | 6,840.00 | 10,409.40 | 6,990.36 | 84.12 | 71.50 | 169.30 | -962.87 | -2,236.38 | 1,482.87 | 1,376.68 | 106.19 | 13.965 | | |
| 8,900.00 | 6,840.00 | 10,407.59 | 6,990.35 | 86.52 | 71.47 | 168.76 | -961.07 | -2,236.41 | 1,582.10 | 1,475.91 | 106.19 | 14.899 | | |
| 9,000.00 | 6,840.00 | 10,405.83 | 6,990.33 | 88.94 | 71.44 | 168.24 | -959.31 | -2,236.45 | 1,681.42 | 1,575.23 | 106.19 | 15.834 | | |
| 9,100.00 | 6,840.00 | 10,404.11 | 6,990.32 | 91.38 | 71.41 | 167.73 | -957.58 | -2,236.48 | 1,780.81 | 1,674.62 | 106.18 | 16.771 | | |
| 9,200.00 | 6,840.00 | 10,402.42 | 6,990.31 | 93.83 | 71.38 | 167.24 | -955.90 | -2,236.50 | 1,880.26 | 1,774.09 | 106.18 | 17.709 | | |
| 9,300.00 | 6,840.00 | 10,400.77 | 6,990.29 | 96.30 | 71.36 | 166.76 | -954.25 | -2,236.53 | 1,979.77 | 1,873.60 | 106.17 | 18.648 | | |
| 9,400.00 | 6,840.00 | 10,399.16 | 6,990.28 | 98.79 | 71.33 | 166.29 | -952.64 | -2,236.56 | 2,079.32 | 1,973.17 | 106.16 | 19.587 | | |
| 9,500.00 | 6,840.00 | 10,397.59 | 6,990.27 | 101.28 | 71.30 | 165.83 | -951.06 | -2,236.59 | 2,178.92 | 2,072.77 | 106.15 | 20.527 | | |
| 9,600.00 | 6,840.00 | 10,396.04 | 6,990.26 | 103.79 | 71.28 | 165.38 | -949.52 | -2,236.61 | 2,278.54 | 2,172.40 | 106.14 | 21.467 | | |
| 9,700.00 | 6,840.00 | 10,394.53 | 6,990.25 | 106.30 | 71.25 | 164.95 | -948.01 | -2,236.63 | 2,378.20 | 2,272.07 | 106.13 | 22.408 | | |
| 9,800.00 | 6,840.00 | 10,393.06 | 6,990.25 | 108.83 | 71.23 | 164.52 | -946.53 | -2,236.66 | 2,477.88 | 2,371.76 | 106.12 | 23.349 | | |
| 9,900.00 | 6,840.00 | 10,391.61 | 6,990.24 | 111.37 | 71.20 | 164.11 | -945.09 | -2,236.68 | 2,577.59 | 2,471.47 | 106.12 | 24.290 | | |
| 10,000.00 | 6,840.00 | 10,390.19 | 6,990.23 | 113.91 | 71.18 | 163.71 | -943.67 | -2,236.70 | 2,677.32 | 2,571.20 | 106.11 | 25.231 | | |
| 10,100.00 | 6,840.00 | 10,388.80 | 6,990.22 | 116.47 | 71.16 | 163.31 | -942.28 | -2,236.72 | 2,777.06 | 2,670.95 | 106.11 | 26.172 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 682-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,200.00 | 6,840.00 | 10,387.44 | 6,990.22 | 119.03 | 71.13 | 162.93 | -940.92 | -2,236.74 | 2,876.83 | 2,770.72 | 106.11 | 27.113 | | |
| 10,300.00 | 6,840.00 | 10,386.11 | 6,990.21 | 121.59 | 71.11 | 162.56 | -939.59 | -2,236.76 | 2,976.60 | 2,870.50 | 106.10 | 28.054 | | |
| 10,400.00 | 6,840.00 | 10,384.80 | 6,990.21 | 124.17 | 71.09 | 162.19 | -938.28 | -2,236.78 | 3,076.40 | 2,970.29 | 106.10 | 28.994 | | |
| 10,500.00 | 6,840.00 | 10,383.52 | 6,990.20 | 126.75 | 71.07 | 161.83 | -937.00 | -2,236.80 | 3,176.20 | 3,070.09 | 106.10 | 29.935 | | |
| 10,600.00 | 6,840.00 | 10,382.26 | 6,990.20 | 129.34 | 71.05 | 161.48 | -935.74 | -2,236.82 | 3,276.01 | 3,169.91 | 106.11 | 30.875 | | |
| 10,700.00 | 6,840.00 | 10,381.03 | 6,990.19 | 131.93 | 71.02 | 161.14 | -934.51 | -2,236.84 | 3,375.84 | 3,269.73 | 106.11 | 31.814 | | |
| 10,800.00 | 6,840.00 | 10,379.82 | 6,990.19 | 134.53 | 71.00 | 160.81 | -933.30 | -2,236.85 | 3,475.67 | 3,369.56 | 106.12 | 32.754 | | |
| 10,900.00 | 6,840.00 | 10,378.63 | 6,990.19 | 137.13 | 70.98 | 160.48 | -932.11 | -2,236.87 | 3,575.52 | 3,469.40 | 106.12 | 33.693 | | |
| 11,000.00 | 6,840.00 | 10,377.46 | 6,990.18 | 139.73 | 70.96 | 160.17 | -930.95 | -2,236.88 | 3,675.37 | 3,569.24 | 106.13 | 34.631 | | |
| 11,100.00 | 6,840.00 | 10,376.32 | 6,990.18 | 142.35 | 70.95 | 159.86 | -929.80 | -2,236.90 | 3,775.23 | 3,669.09 | 106.14 | 35.569 | | |
| 11,200.00 | 6,840.00 | 10,375.20 | 6,990.18 | 144.96 | 70.93 | 159.55 | -928.68 | -2,236.91 | 3,875.09 | 3,768.94 | 106.15 | 36.506 | | |
| 11,300.00 | 6,840.00 | 10,374.10 | 6,990.18 | 147.58 | 70.91 | 159.25 | -927.58 | -2,236.93 | 3,974.96 | 3,868.80 | 106.16 | 37.443 | | |
| 11,400.00 | 6,840.00 | 10,373.01 | 6,990.17 | 150.20 | 70.89 | 158.96 | -926.50 | -2,236.94 | 4,074.84 | 3,968.67 | 106.17 | 38.380 | | |
| 11,500.00 | 6,840.00 | 10,371.95 | 6,990.17 | 152.83 | 70.87 | 158.68 | -925.43 | -2,236.96 | 4,174.72 | 4,068.54 | 106.19 | 39.315 | | |
| 11,600.00 | 6,840.00 | 10,370.91 | 6,990.17 | 155.46 | 70.85 | 158.40 | -924.39 | -2,236.97 | 4,274.61 | 4,168.41 | 106.20 | 40.250 | | |
| 11,700.00 | 6,840.00 | 10,369.88 | 6,990.17 | 158.09 | 70.84 | 158.13 | -923.36 | -2,236.98 | 4,374.50 | 4,268.29 | 106.22 | 41.185 | | |
| 11,800.00 | 6,840.00 | 10,368.87 | 6,990.17 | 160.73 | 70.82 | 157.86 | -922.35 | -2,236.99 | 4,474.40 | 4,368.17 | 106.23 | 42.118 | | |
| 11,900.00 | 6,840.00 | 10,367.88 | 6,990.17 | 163.36 | 70.80 | 157.60 | -921.36 | -2,237.01 | 4,574.30 | 4,468.05 | 106.25 | 43.051 | | |
| 12,000.00 | 6,840.00 | 10,366.91 | 6,990.17 | 166.01 | 70.79 | 157.34 | -920.39 | -2,237.02 | 4,674.21 | 4,567.93 | 106.27 | 43.983 | | |
| 12,100.00 | 6,840.00 | 10,365.95 | 6,990.17 | 168.65 | 70.77 | 157.09 | -919.43 | -2,237.03 | 4,774.12 | 4,667.82 | 106.29 | 44.915 | | |
| 12,200.00 | 6,840.00 | 12,200.00 | 6,990.18 | 171.30 | 101.50 | 150.60 | -893.19 | -2,237.38 | 4,874.05 | 4,737.33 | 136.72 | 35.649 | | |
| 12,300.00 | 6,840.00 | 12,300.00 | 6,990.18 | 173.94 | 103.18 | 150.10 | -891.04 | -2,237.41 | 4,973.96 | 4,835.53 | 138.42 | 35.933 | | |
| 12,400.00 | 6,840.00 | 12,400.00 | 6,990.18 | 176.59 | 104.85 | 149.60 | -888.88 | -2,237.45 | 5,073.86 | 4,933.74 | 140.13 | 36.209 | | |
| 12,500.00 | 6,840.00 | 12,500.00 | 6,990.18 | 179.25 | 106.53 | 149.11 | -886.73 | -2,237.49 | 5,173.77 | 5,031.94 | 141.83 | 36.479 | | |
| 12,600.00 | 6,840.00 | 12,600.00 | 6,990.18 | 181.90 | 108.21 | 148.63 | -884.58 | -2,237.52 | 5,273.69 | 5,130.15 | 143.53 | 36.742 | | |
| 12,700.00 | 6,840.00 | 12,700.00 | 6,990.18 | 184.56 | 109.88 | 148.15 | -882.43 | -2,237.56 | 5,373.60 | 5,228.36 | 145.24 | 36.998 | | |
| 12,800.00 | 6,840.00 | 12,800.00 | 6,990.18 | 187.22 | 111.56 | 147.67 | -880.27 | -2,237.59 | 5,473.52 | 5,326.57 | 146.95 | 37.249 | | |
| 12,900.00 | 6,840.00 | 12,900.00 | 6,990.18 | 189.88 | 113.23 | 147.20 | -878.12 | -2,237.63 | 5,573.44 | 5,424.79 | 148.65 | 37.493 | | |
| 13,000.00 | 6,840.00 | 13,000.00 | 6,990.18 | 192.54 | 114.91 | 146.74 | -875.97 | -2,237.67 | 5,673.36 | 5,523.00 | 150.36 | 37.732 | | |
| 13,100.00 | 6,840.00 | 13,100.00 | 6,990.18 | 195.20 | 116.59 | 146.28 | -873.82 | -2,237.70 | 5,773.29 | 5,621.22 | 152.07 | 37.965 | | |
| 13,200.00 | 6,840.00 | 13,200.00 | 6,990.18 | 197.87 | 118.26 | 145.82 | -871.66 | -2,237.74 | 5,873.21 | 5,719.43 | 153.78 | 38.193 | | |
| 13,300.00 | 6,840.00 | 13,300.00 | 6,990.18 | 200.53 | 119.94 | 145.37 | -869.51 | -2,237.77 | 5,973.14 | 5,817.65 | 155.49 | 38.415 | | |
| 13,400.00 | 6,840.00 | 13,400.00 | 6,990.18 | 203.20 | 121.61 | 144.92 | -867.36 | -2,237.81 | 6,073.07 | 5,915.87 | 157.20 | 38.633 | | |
| 13,500.00 | 6,840.00 | 13,500.00 | 6,990.17 | 205.87 | 123.29 | 144.48 | -865.21 | -2,237.85 | 6,173.00 | 6,014.09 | 158.91 | 38.845 | | |
| 13,600.00 | 6,840.00 | 10,351.00 | 6,990.18 | 208.54 | 70.52 | 153.31 | -904.48 | -2,237.19 | 6,273.07 | 6,166.41 | 106.66 | 58.812 | | |
| 13,700.00 | 6,840.00 | 10,351.00 | 6,990.18 | 211.22 | 70.52 | 153.31 | -904.48 | -2,237.19 | 6,373.01 | 6,266.29 | 106.72 | 59.717 | | |
| 13,800.00 | 6,840.00 | 10,351.00 | 6,990.18 | 213.89 | 70.52 | 153.31 | -904.48 | -2,237.19 | 6,472.96 | 6,366.18 | 106.78 | 60.620 | | |
| 13,900.00 | 6,840.00 | 13,900.00 | 6,990.17 | 216.56 | 129.99 | 142.76 | -856.60 | -2,237.99 | 6,572.74 | 6,406.97 | 165.77 | 39.651 | | |
| 14,000.00 | 6,840.00 | 10,256.00 | 6,990.16 | 219.24 | 68.93 | 134.63 | -809.50 | -2,238.78 | 6,672.82 | 6,568.53 | 104.29 | 63.982 | | |
| 14,100.00 | 6,840.00 | 10,256.00 | 6,990.16 | 221.92 | 68.93 | 134.63 | -809.50 | -2,238.78 | 6,772.75 | 6,668.39 | 104.36 | 64.900 | | |
| 14,200.00 | 6,840.00 | 10,256.00 | 6,990.16 | 224.59 | 68.93 | 134.63 | -809.50 | -2,238.78 | 6,872.67 | 6,768.25 | 104.42 | 65.816 | | |
| 14,300.00 | 6,840.00 | 10,256.00 | 6,990.16 | 227.27 | 68.93 | 134.63 | -809.50 | -2,238.78 | 6,972.60 | 6,868.11 | 104.49 | 66.731 | | |
| 14,400.00 | 6,840.00 | 10,256.00 | 6,990.16 | 229.95 | 68.93 | 134.63 | -809.50 | -2,238.78 | 7,072.53 | 6,967.97 | 104.55 | 67.644 | | |
| 14,500.00 | 6,840.00 | 10,256.00 | 6,990.16 | 232.63 | 68.93 | 134.63 | -809.50 | -2,238.78 | 7,172.46 | 7,067.84 | 104.62 | 68.556 | | |
| 14,600.00 | 6,840.00 | 10,242.98 | 6,990.11 | 235.31 | 68.71 | 132.71 | -796.48 | -2,239.08 | 7,272.37 | 7,168.02 | 104.35 | 69.690 | | |
| 14,700.00 | 6,840.00 | 10,241.29 | 6,990.11 | 238.00 | 68.68 | 132.47 | -794.79 | -2,239.12 | 7,372.30 | 7,267.92 | 104.38 | 70.631 | | |
| 14,800.00 | 6,840.00 | 10,239.61 | 6,990.10 | 240.68 | 68.66 | 132.24 | -793.11 | -2,239.16 | 7,472.23 | 7,367.83 | 104.40 | 71.571 | | |
| 14,900.00 | 6,840.00 | 10,237.96 | 6,990.09 | 243.36 | 68.63 | 132.01 | -791.46 | -2,239.20 | 7,572.16 | 7,467.73 | 104.43 | 72.509 | | |
| 15,000.00 | 6,840.00 | 10,236.32 | 6,990.09 | 246.05 | 68.60 | 131.78 | -789.82 | -2,239.24 | 7,672.10 | 7,567.64 | 104.46 | 73.447 | | |
| 15,100.00 | 6,840.00 | 10,234.70 | 6,990.08 | 248.74 | 68.57 | 131.56 | -788.20 | -2,239.27 | 7,772.03 | 7,667.54 | 104.49 | 74.383 | | |
| 15,200.00 | 6,840.00 | 10,233.09 | 6,990.07 | 251.42 | 68.55 | 131.34 | -786.59 | -2,239.31 | 7,871.97 | 7,767.45 | 104.52 | 75.318 | | |
| 15,300.00 | 6,840.00 | 10,231.50 | 6,990.07 | 254.11 | 68.52 | 131.13 | -785.01 | -2,239.34 | 7,971.90 | 7,867.36 | 104.55 | 76.251 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVEY | | | | | | | | | | | | Offset Site Error: 0.00 usft | | |
|--------------------------------------------------------------------------------|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|-----------------|------------------|--------------------|-------------------|------------------------------|--|---------|
| Survey Program: 682-MWD OWSG | | | | | | | | | | | | Offset Well Error: 0.00 usft | | |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth | Vertical Depth | Measured Depth | Vertical Depth | Reference | Offset | Highside Toolface | Offset Wellbore Centre | Between Centres | Between Ellipses | Minimum Separation | Separation Factor | | | |
| (usft) | (usft) | (usft) | (usft) | (usft) | (usft) | (°) | +N/-S (usft) | +E/-W (usft) | (usft) | (usft) | (usft) | | | |
| 15,400.00 | 6,840.00 | 10,229.93 | 6,990.06 | 256.80 | 68.49 | 130.92 | -783.44 | -2,239.38 | 8,071.84 | 7,967.26 | 104.58 | 77.184 | | |
| 15,500.00 | 6,840.00 | 10,228.38 | 6,990.05 | 259.49 | 68.47 | 130.71 | -781.88 | -2,239.41 | 8,171.78 | 8,067.17 | 104.61 | 78.115 | | |
| 15,600.00 | 6,840.00 | 10,226.84 | 6,990.05 | 262.17 | 68.44 | 130.51 | -780.34 | -2,239.44 | 8,271.72 | 8,167.07 | 104.65 | 79.045 | | |
| 15,700.00 | 6,840.00 | 10,225.31 | 6,990.04 | 264.86 | 68.42 | 130.31 | -778.82 | -2,239.48 | 8,371.66 | 8,266.98 | 104.68 | 79.973 | | |
| 15,800.00 | 6,840.00 | 10,223.80 | 6,990.03 | 267.55 | 68.39 | 130.12 | -777.31 | -2,239.51 | 8,471.60 | 8,366.88 | 104.72 | 80.900 | | |
| 15,900.00 | 6,840.00 | 10,222.31 | 6,990.02 | 270.25 | 68.37 | 129.93 | -775.82 | -2,239.54 | 8,571.54 | 8,466.79 | 104.75 | 81.826 | | |
| 16,000.00 | 6,840.00 | 10,220.83 | 6,990.02 | 272.94 | 68.34 | 129.74 | -774.34 | -2,239.57 | 8,671.49 | 8,566.69 | 104.79 | 82.750 | | |
| 16,100.00 | 6,840.00 | 10,219.37 | 6,990.01 | 275.63 | 68.32 | 129.55 | -772.87 | -2,239.60 | 8,771.43 | 8,666.60 | 104.83 | 83.673 | | |
| 16,200.00 | 6,840.00 | 10,217.92 | 6,990.00 | 278.32 | 68.29 | 129.37 | -771.42 | -2,239.63 | 8,871.37 | 8,766.51 | 104.87 | 84.595 | | |
| 16,300.00 | 6,840.00 | 10,216.48 | 6,990.00 | 281.02 | 68.27 | 129.19 | -769.99 | -2,239.66 | 8,971.32 | 8,866.41 | 104.91 | 85.515 | | |
| 16,400.00 | 6,840.00 | 10,215.06 | 6,989.99 | 283.71 | 68.24 | 129.02 | -768.57 | -2,239.69 | 9,071.27 | 8,966.32 | 104.95 | 86.434 | | |
| 16,500.00 | 6,840.00 | 10,213.65 | 6,989.98 | 286.40 | 68.22 | 128.85 | -767.16 | -2,239.72 | 9,171.21 | 9,066.22 | 104.99 | 87.351 | | |
| 16,600.00 | 6,840.00 | 10,212.26 | 6,989.97 | 289.10 | 68.20 | 128.68 | -765.77 | -2,239.75 | 9,271.16 | 9,166.13 | 105.04 | 88.267 | | |
| 16,700.00 | 6,840.00 | 10,210.88 | 6,989.97 | 291.79 | 68.17 | 128.51 | -764.39 | -2,239.77 | 9,371.11 | 9,266.03 | 105.08 | 89.181 | | |
| 16,800.00 | 6,840.00 | 10,209.51 | 6,989.96 | 294.49 | 68.15 | 128.35 | -763.02 | -2,239.80 | 9,471.06 | 9,365.94 | 105.12 | 90.094 | | |
| 16,900.00 | 6,840.00 | 10,208.16 | 6,989.95 | 297.19 | 68.13 | 128.19 | -761.67 | -2,239.83 | 9,571.01 | 9,465.84 | 105.17 | 91.006 | | |
| 17,000.00 | 6,840.00 | 10,206.82 | 6,989.94 | 299.88 | 68.11 | 128.03 | -760.33 | -2,239.85 | 9,670.96 | 9,565.75 | 105.22 | 91.916 | | |
| 17,100.00 | 6,840.00 | 10,205.49 | 6,989.94 | 302.58 | 68.08 | 127.87 | -759.00 | -2,239.88 | 9,770.91 | 9,665.65 | 105.26 | 92.824 | | |
| 17,200.00 | 6,840.00 | 10,204.17 | 6,989.93 | 305.28 | 68.06 | 127.72 | -757.68 | -2,239.91 | 9,870.87 | 9,765.56 | 105.31 | 93.731 | | |
| 17,300.00 | 6,840.00 | 10,202.87 | 6,989.92 | 307.97 | 68.04 | 127.57 | -756.38 | -2,239.93 | 9,970.82 | 9,865.46 | 105.36 | 94.636 | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 679-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 37.00 | -37.00 | 0.00 | 0.06 | -36.87 | 2,846.40 | -2,134.44 | 3,557.78 | | | | | |
| 100.00 | 100.00 | 63.00 | 63.00 | 0.13 | 0.11 | -36.87 | 2,846.40 | -2,134.44 | 3,557.78 | 3,557.54 | 0.24 | N/A | | |
| 200.00 | 200.00 | 163.00 | 163.00 | 0.49 | 0.28 | -36.87 | 2,846.40 | -2,134.44 | 3,557.78 | 3,557.01 | 0.77 | 4,607.662 | | |
| 300.00 | 300.00 | 263.00 | 263.00 | 0.85 | 0.45 | -36.87 | 2,846.40 | -2,134.44 | 3,557.78 | 3,556.48 | 1.30 | 2,732.692 | | |
| 400.00 | 400.00 | 363.00 | 363.00 | 1.21 | 0.62 | -36.87 | 2,846.40 | -2,134.44 | 3,557.78 | 3,555.95 | 1.83 | 1,942.317 | | |
| 500.00 | 500.00 | 463.00 | 463.00 | 1.57 | 0.79 | -36.87 | 2,846.40 | -2,134.44 | 3,557.78 | 3,555.42 | 2.36 | 1,506.571 | | |
| 600.00 | 599.98 | 562.98 | 562.98 | 1.92 | 0.96 | 78.97 | 2,846.40 | -2,134.44 | 3,557.45 | 3,554.57 | 2.88 | 1,235.398 | | |
| 700.00 | 699.84 | 662.84 | 662.84 | 2.26 | 1.14 | 79.07 | 2,846.40 | -2,134.44 | 3,556.45 | 3,553.05 | 3.39 | 1,047.812 | | |
| 800.00 | 799.45 | 738.87 | 738.87 | 2.62 | 1.38 | 79.20 | 2,846.57 | -2,134.54 | 3,555.08 | 3,551.09 | 3.99 | 890.491 | | |
| 900.00 | 898.70 | 813.00 | 812.99 | 2.99 | 1.64 | 79.37 | 2,847.28 | -2,134.92 | 3,553.86 | 3,549.23 | 4.63 | 767.488 | | |
| 1,000.00 | 997.47 | 917.29 | 917.28 | 3.39 | 2.02 | 79.66 | 2,848.61 | -2,135.49 | 3,552.35 | 3,546.95 | 5.40 | 657.933 | | |
| 1,100.00 | 1,095.62 | 1,025.33 | 1,025.31 | 3.81 | 2.40 | 80.04 | 2,849.86 | -2,135.75 | 3,550.02 | 3,543.81 | 6.21 | 571.716 | | |
| 1,200.00 | 1,193.06 | 1,133.79 | 1,133.77 | 4.27 | 2.79 | 80.51 | 2,850.97 | -2,135.68 | 3,546.94 | 3,539.89 | 7.05 | 503.085 | | |
| 1,300.00 | 1,289.64 | 1,243.30 | 1,243.26 | 4.77 | 3.17 | 81.04 | 2,851.67 | -2,135.53 | 3,543.11 | 3,535.18 | 7.93 | 446.919 | | |
| 1,400.00 | 1,385.27 | 1,351.80 | 1,351.77 | 5.31 | 3.54 | 81.64 | 2,851.90 | -2,135.36 | 3,538.60 | 3,529.75 | 8.85 | 399.994 | | |
| 1,500.00 | 1,479.82 | 1,438.66 | 1,438.63 | 5.91 | 3.85 | 82.19 | 2,851.95 | -2,135.25 | 3,533.74 | 3,524.00 | 9.74 | 362.747 | | |
| 1,600.00 | 1,573.19 | 1,521.82 | 1,521.78 | 6.55 | 4.14 | 82.75 | 2,852.23 | -2,135.23 | 3,529.02 | 3,518.34 | 10.68 | 330.538 | | |
| 1,700.00 | 1,666.16 | 1,604.59 | 1,604.55 | 7.23 | 4.43 | 83.25 | 2,852.73 | -2,135.29 | 3,524.79 | 3,513.14 | 11.64 | 302.717 | | |
| 1,800.00 | 1,759.13 | 1,687.26 | 1,687.22 | 7.93 | 4.72 | 83.74 | 2,853.46 | -2,135.45 | 3,521.21 | 3,508.58 | 12.63 | 278.784 | | |
| 1,900.00 | 1,852.10 | 1,741.00 | 1,740.96 | 8.64 | 4.91 | 84.07 | 2,854.03 | -2,135.64 | 3,518.42 | 3,504.89 | 13.53 | 260.056 | | |
| 2,000.00 | 1,945.06 | 1,791.11 | 1,791.05 | 9.35 | 5.09 | 84.37 | 2,855.02 | -2,136.19 | 3,517.12 | 3,502.70 | 14.42 | 243.852 | | |
| 2,016.73 | 1,960.61 | 1,797.33 | 1,797.27 | 9.47 | 5.11 | 84.40 | 2,855.20 | -2,136.31 | 3,517.10 | 3,502.53 | 14.57 | 241.464 | CC | |
| 2,100.00 | 2,038.03 | 1,836.00 | 1,835.90 | 10.08 | 5.25 | 84.63 | 2,856.63 | -2,137.25 | 3,517.76 | 3,502.46 | 15.30 | 229.875 | ES | |
| 2,200.00 | 2,131.00 | 1,884.55 | 1,884.38 | 10.81 | 5.42 | 84.92 | 2,858.91 | -2,138.73 | 3,520.02 | 3,503.82 | 16.20 | 217.294 | | |
| 2,300.00 | 2,223.97 | 1,930.00 | 1,929.74 | 11.54 | 5.58 | 85.19 | 2,861.36 | -2,140.20 | 3,523.58 | 3,506.50 | 17.09 | 206.235 | | |
| 2,400.00 | 2,316.94 | 1,983.77 | 1,983.35 | 12.28 | 5.78 | 85.52 | 2,864.91 | -2,142.14 | 3,528.64 | 3,510.64 | 18.00 | 195.996 | | |
| 2,500.00 | 2,409.90 | 2,025.00 | 2,024.41 | 13.02 | 5.93 | 85.76 | 2,868.25 | -2,143.84 | 3,535.44 | 3,516.57 | 18.87 | 187.341 | | |
| 2,600.00 | 2,502.87 | 2,077.22 | 2,076.35 | 13.77 | 6.12 | 86.08 | 2,873.23 | -2,146.01 | 3,543.82 | 3,524.04 | 19.78 | 179.147 | | |
| 2,700.00 | 2,595.84 | 2,120.00 | 2,118.84 | 14.51 | 6.27 | 86.35 | 2,877.92 | -2,147.65 | 3,553.71 | 3,533.06 | 20.65 | 172.097 | | |
| 2,800.00 | 2,688.81 | 2,161.96 | 2,160.44 | 15.26 | 6.43 | 86.62 | 2,883.14 | -2,149.29 | 3,565.29 | 3,543.78 | 21.51 | 165.756 | | |
| 2,900.00 | 2,781.77 | 2,215.00 | 2,212.87 | 16.01 | 6.63 | 86.95 | 2,890.76 | -2,151.69 | 3,578.81 | 3,556.39 | 22.41 | 159.690 | | |
| 3,000.00 | 2,874.74 | 2,215.00 | 2,212.87 | 16.76 | 6.63 | 86.95 | 2,890.76 | -2,151.69 | 3,594.07 | 3,571.00 | 23.07 | 155.787 | | |
| 3,100.00 | 2,967.71 | 2,262.87 | 2,260.02 | 17.52 | 6.82 | 87.26 | 2,898.66 | -2,154.36 | 3,611.11 | 3,587.18 | 23.93 | 150.876 | | |
| 3,200.00 | 3,060.68 | 2,310.00 | 2,306.20 | 18.27 | 7.00 | 87.55 | 2,907.42 | -2,157.64 | 3,630.28 | 3,605.49 | 24.79 | 146.457 | | |
| 3,300.00 | 3,153.65 | 2,357.21 | 2,352.36 | 19.03 | 7.19 | 87.84 | 2,916.72 | -2,161.09 | 3,650.92 | 3,625.28 | 25.63 | 142.420 | | |
| 3,400.00 | 3,246.61 | 2,428.09 | 2,421.65 | 19.78 | 7.48 | 88.29 | 2,930.93 | -2,165.65 | 3,672.25 | 3,645.65 | 26.59 | 138.092 | | |
| 3,500.00 | 3,339.58 | 2,473.40 | 2,465.84 | 20.54 | 7.67 | 88.58 | 2,940.58 | -2,168.46 | 3,694.91 | 3,667.49 | 27.42 | 134.761 | | |
| 3,600.00 | 3,432.55 | 2,543.63 | 2,534.13 | 21.30 | 7.97 | 89.03 | 2,956.34 | -2,172.80 | 3,718.93 | 3,690.56 | 28.37 | 131.107 | | |
| 3,700.00 | 3,525.52 | 2,595.00 | 2,584.10 | 22.06 | 8.19 | 89.36 | 2,967.84 | -2,175.91 | 3,743.52 | 3,714.31 | 29.21 | 128.160 | | |
| 3,800.00 | 3,618.49 | 2,654.33 | 2,641.69 | 22.82 | 8.46 | 89.73 | 2,981.60 | -2,179.68 | 3,769.25 | 3,739.16 | 30.09 | 125.262 | | |
| 3,900.00 | 3,711.45 | 2,696.02 | 2,681.98 | 23.57 | 8.64 | 89.99 | 2,991.89 | -2,182.60 | 3,796.66 | 3,765.79 | 30.87 | 122.996 | | |
| 4,000.00 | 3,804.42 | 2,773.07 | 2,756.32 | 24.33 | 9.00 | 90.47 | 3,011.32 | -2,188.39 | 3,825.09 | 3,793.25 | 31.84 | 120.143 | | |
| 4,100.00 | 3,897.39 | 2,906.56 | 2,885.23 | 25.09 | 9.63 | 91.28 | 3,044.50 | -2,198.33 | 3,853.58 | 3,820.46 | 33.13 | 116.327 | | |
| 4,200.00 | 3,990.36 | 3,121.98 | 3,094.85 | 25.86 | 10.65 | 92.54 | 3,091.73 | -2,213.17 | 3,878.73 | 3,843.86 | 34.87 | 111.236 | | |
| 4,300.00 | 4,083.32 | 3,611.26 | 3,576.22 | 26.62 | 12.81 | 95.20 | 3,170.43 | -2,245.13 | 3,900.85 | 3,862.92 | 37.92 | 102.862 | | |
| 4,400.00 | 4,176.29 | 4,207.91 | 4,171.31 | 27.38 | 14.92 | 98.46 | 3,201.15 | -2,252.40 | 3,909.57 | 3,868.69 | 40.88 | 95.627 | | |
| 4,500.00 | 4,269.26 | 4,324.98 | 4,288.37 | 28.14 | 15.28 | 99.10 | 3,200.21 | -2,250.93 | 3,914.40 | 3,872.41 | 41.99 | 93.224 | | |
| 4,600.00 | 4,362.23 | 4,404.59 | 4,367.98 | 28.90 | 15.52 | 99.53 | 3,199.49 | -2,250.13 | 3,919.54 | 3,876.56 | 42.97 | 91.206 | | |
| 4,700.00 | 4,455.20 | 4,490.57 | 4,453.94 | 29.66 | 15.78 | 99.99 | 3,198.76 | -2,249.53 | 3,925.17 | 3,881.19 | 43.98 | 89.255 | | |
| 4,800.00 | 4,548.16 | 4,576.72 | 4,540.09 | 30.43 | 16.04 | 100.45 | 3,198.12 | -2,249.21 | 3,931.30 | 3,886.32 | 44.98 | 87.409 | | |
| 4,900.00 | 4,641.13 | 4,688.87 | 4,652.24 | 31.19 | 16.39 | 101.05 | 3,197.14 | -2,248.76 | 3,937.66 | 3,891.60 | 46.05 | 85.503 | | |
| 5,000.00 | 4,734.10 | 4,804.21 | 4,767.56 | 31.95 | 16.74 | 101.66 | 3,195.63 | -2,247.61 | 3,943.82 | 3,896.69 | 47.13 | 83.672 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 679-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,919.19 | 4,882.52 | 32.71 | 17.10 | 102.28 | 3,193.63 | -2,245.78 | 3,949.81 | 3,901.60 | 48.21 | 81.929 | | |
| 5,200.00 | 4,920.04 | 4,984.61 | 4,947.92 | 33.48 | 17.30 | 102.63 | 3,192.83 | -2,244.88 | 3,956.52 | 3,907.37 | 49.14 | 80.512 | | |
| 5,300.00 | 5,013.00 | 5,094.92 | 5,058.21 | 34.24 | 17.64 | 103.22 | 3,191.01 | -2,243.58 | 3,963.36 | 3,913.16 | 50.20 | 78.948 | | |
| 5,400.00 | 5,105.97 | 5,205.80 | 5,169.06 | 35.00 | 17.99 | 103.80 | 3,188.58 | -2,242.80 | 3,970.13 | 3,918.87 | 51.26 | 77.450 | | |
| 5,500.00 | 5,198.94 | 5,280.79 | 5,244.03 | 35.77 | 18.23 | 104.19 | 3,186.69 | -2,242.56 | 3,977.04 | 3,924.83 | 52.21 | 76.174 | | |
| 5,600.00 | 5,291.91 | 5,347.00 | 5,310.23 | 36.53 | 18.43 | 104.52 | 3,185.81 | -2,242.51 | 3,985.25 | 3,932.12 | 53.13 | 75.013 | | |
| 5,700.00 | 5,384.87 | 5,410.17 | 5,373.40 | 37.29 | 18.64 | 104.85 | 3,185.40 | -2,242.64 | 3,994.42 | 3,940.39 | 54.03 | 73.927 | | |
| 5,800.00 | 5,477.84 | 5,507.35 | 5,470.57 | 38.06 | 18.95 | 105.33 | 3,184.61 | -2,243.26 | 4,003.95 | 3,948.91 | 55.04 | 72.744 | | |
| 5,900.00 | 5,570.81 | 5,604.94 | 5,568.15 | 38.82 | 19.26 | 105.81 | 3,183.63 | -2,244.41 | 4,013.68 | 3,957.63 | 56.05 | 71.609 | | |
| 6,000.00 | 5,663.78 | 5,716.48 | 5,679.67 | 39.59 | 19.62 | 106.36 | 3,182.21 | -2,246.00 | 4,023.48 | 3,966.38 | 57.10 | 70.462 | | |
| 6,100.00 | 5,756.75 | 5,832.79 | 5,795.96 | 40.35 | 20.00 | 106.92 | 3,180.16 | -2,247.11 | 4,033.05 | 3,974.88 | 58.16 | 69.340 | | |
| 6,200.00 | 5,849.71 | 5,948.87 | 5,912.01 | 41.12 | 20.37 | 107.49 | 3,177.54 | -2,247.65 | 4,042.38 | 3,983.16 | 59.22 | 68.262 | | |
| 6,300.00 | 5,942.68 | 6,019.66 | 5,982.78 | 41.88 | 20.60 | 107.84 | 3,176.10 | -2,247.85 | 4,052.15 | 3,992.03 | 60.13 | 67.394 | | |
| 6,400.00 | 6,035.65 | 6,100.28 | 6,063.38 | 42.64 | 20.86 | 108.24 | 3,174.67 | -2,247.98 | 4,062.48 | 4,001.42 | 61.06 | 66.533 | | |
| 6,500.00 | 6,128.62 | 6,180.75 | 6,143.84 | 43.41 | 21.12 | 108.64 | 3,173.50 | -2,248.03 | 4,073.39 | 4,011.40 | 61.99 | 65.713 | | |
| 6,600.00 | 6,221.59 | 6,261.80 | 6,224.89 | 44.17 | 21.39 | 109.04 | 3,172.52 | -2,247.76 | 4,084.80 | 4,021.89 | 62.91 | 64.929 | | |
| 6,700.00 | 6,314.55 | 6,293.00 | 6,256.09 | 44.94 | 21.49 | 109.19 | 3,172.33 | -2,247.66 | 4,097.29 | 4,033.63 | 63.66 | 64.364 | | |
| 6,800.00 | 6,407.52 | 6,293.00 | 6,256.09 | 45.70 | 21.49 | 109.19 | 3,172.33 | -2,247.66 | 4,111.96 | 4,047.69 | 64.26 | 63.985 | | |
| 6,900.00 | 6,499.98 | 6,317.85 | 6,280.93 | 46.49 | 21.58 | 104.52 | 3,172.84 | -2,247.61 | 4,128.11 | 4,063.15 | 64.96 | 63.547 | | |
| 7,000.00 | 6,586.50 | 6,341.00 | 6,304.03 | 47.49 | 21.66 | 96.97 | 3,174.39 | -2,247.51 | 4,144.51 | 4,078.68 | 65.83 | 62.957 | | |
| 7,100.00 | 6,663.58 | 6,341.00 | 6,304.03 | 48.75 | 21.66 | 92.16 | 3,174.39 | -2,247.51 | 4,159.54 | 4,092.73 | 66.81 | 62.256 | | |
| 7,200.00 | 6,728.87 | 6,341.00 | 6,304.03 | 50.23 | 21.66 | 88.82 | 3,174.39 | -2,247.51 | 4,173.32 | 4,105.32 | 67.99 | 61.378 | | |
| 7,300.00 | 6,780.38 | 6,341.00 | 6,304.03 | 51.91 | 21.66 | 86.42 | 3,174.39 | -2,247.51 | 4,185.44 | 4,116.09 | 69.35 | 60.353 | | |
| 7,400.00 | 6,816.56 | 6,341.00 | 6,304.03 | 53.74 | 21.66 | 84.72 | 3,174.39 | -2,247.51 | 4,195.55 | 4,124.71 | 70.84 | 59.224 | | |
| 7,500.00 | 6,836.29 | 6,341.00 | 6,304.03 | 55.65 | 21.66 | 83.61 | 3,174.39 | -2,247.51 | 4,203.37 | 4,130.94 | 72.43 | 58.036 | | |
| 7,600.00 | 6,840.00 | 6,341.00 | 6,304.03 | 57.58 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,208.95 | 4,134.91 | 74.05 | 56.843 | | |
| 7,700.00 | 6,840.00 | 6,341.00 | 6,304.03 | 59.56 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,215.83 | 4,140.15 | 75.69 | 55.701 | | |
| 7,800.00 | 6,840.00 | 6,341.00 | 6,304.03 | 61.60 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,225.07 | 4,147.72 | 77.34 | 54.627 | | |
| 7,900.00 | 6,840.00 | 6,341.00 | 6,304.03 | 63.69 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,236.65 | 4,157.63 | 79.01 | 53.620 | | |
| 8,000.00 | 6,840.00 | 6,341.00 | 6,304.03 | 65.82 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,250.55 | 4,169.86 | 80.68 | 52.682 | | |
| 8,100.00 | 6,840.00 | 6,341.00 | 6,304.03 | 67.99 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,266.74 | 4,184.39 | 82.35 | 51.813 | | |
| 8,200.00 | 6,840.00 | 6,341.00 | 6,304.03 | 70.21 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,285.21 | 4,201.21 | 84.01 | 51.011 | | |
| 8,300.00 | 6,840.00 | 6,341.00 | 6,304.03 | 72.45 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,305.93 | 4,220.28 | 85.65 | 50.275 | | |
| 8,400.00 | 6,840.00 | 6,341.00 | 6,304.03 | 74.73 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,328.85 | 4,241.58 | 87.27 | 49.603 | | |
| 8,500.00 | 6,840.00 | 6,341.00 | 6,304.03 | 77.04 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,353.96 | 4,265.09 | 88.87 | 48.992 | | |
| 8,600.00 | 6,840.00 | 6,341.00 | 6,304.03 | 79.38 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,381.20 | 4,290.76 | 90.44 | 48.442 | | |
| 8,700.00 | 6,840.00 | 6,341.00 | 6,304.03 | 81.74 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,410.54 | 4,318.56 | 91.98 | 47.949 | | |
| 8,800.00 | 6,840.00 | 6,341.00 | 6,304.03 | 84.12 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,441.94 | 4,348.45 | 93.49 | 47.511 | | |
| 8,900.00 | 6,840.00 | 6,341.00 | 6,304.03 | 86.52 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,475.35 | 4,380.39 | 94.97 | 47.126 | | |
| 9,000.00 | 6,840.00 | 6,341.00 | 6,304.03 | 88.94 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,510.74 | 4,414.34 | 96.40 | 46.791 | | |
| 9,100.00 | 6,840.00 | 6,341.00 | 6,304.03 | 91.38 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,548.05 | 4,450.25 | 97.80 | 46.504 | | |
| 9,200.00 | 6,840.00 | 6,341.00 | 6,304.03 | 93.83 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,587.23 | 4,488.07 | 99.16 | 46.263 | | |
| 9,300.00 | 6,840.00 | 6,341.00 | 6,304.03 | 96.30 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,628.24 | 4,527.77 | 100.47 | 46.065 | | |
| 9,400.00 | 6,840.00 | 6,341.00 | 6,304.03 | 98.79 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,671.04 | 4,569.29 | 101.75 | 45.908 | | |
| 9,500.00 | 6,840.00 | 6,341.00 | 6,304.03 | 101.28 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,715.57 | 4,612.59 | 102.98 | 45.791 | | |
| 9,600.00 | 6,840.00 | 6,341.00 | 6,304.03 | 103.79 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,761.78 | 4,657.61 | 104.17 | 45.711 | | |
| 9,700.00 | 6,840.00 | 6,341.00 | 6,304.03 | 106.30 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,809.62 | 4,704.30 | 105.32 | 45.666 | | |
| 9,800.00 | 6,840.00 | 6,341.00 | 6,304.03 | 108.83 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,859.06 | 4,752.63 | 106.43 | 45.656 SF | | |
| 9,900.00 | 6,840.00 | 6,341.00 | 6,304.03 | 111.37 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,910.03 | 4,802.54 | 107.50 | 45.677 | | |
| 10,000.00 | 6,840.00 | 6,341.00 | 6,304.03 | 113.91 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 4,962.50 | 4,853.97 | 108.52 | 45.728 | | |
| 10,100.00 | 6,840.00 | 6,341.00 | 6,304.03 | 116.47 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 5,016.41 | 4,906.90 | 109.51 | 45.808 | | |
| 10,200.00 | 6,840.00 | 6,341.00 | 6,304.03 | 119.03 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 5,071.72 | 4,961.26 | 110.46 | 45.916 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 679-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,341.00 | 6,304.03 | 121.59 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 5,128.38 | 5,017.01 | 111.37 | 46.049 | | |
| 10,400.00 | 6,840.00 | 6,341.00 | 6,304.03 | 124.17 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 5,186.35 | 5,074.11 | 112.24 | 46.208 | | |
| 10,500.00 | 6,840.00 | 6,341.00 | 6,304.03 | 126.75 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 5,245.59 | 5,132.51 | 113.08 | 46.389 | | |
| 10,600.00 | 6,840.00 | 6,341.00 | 6,304.03 | 129.34 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 5,306.05 | 5,192.17 | 113.88 | 46.594 | | |
| 10,700.00 | 6,840.00 | 6,341.00 | 6,304.03 | 131.93 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 5,367.69 | 5,253.04 | 114.65 | 46.819 | | |
| 10,800.00 | 6,840.00 | 6,341.00 | 6,304.03 | 134.53 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 5,430.48 | 5,315.09 | 115.38 | 47.065 | | |
| 10,900.00 | 6,840.00 | 6,341.00 | 6,304.03 | 137.13 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 5,494.36 | 5,378.28 | 116.09 | 47.330 | | |
| 11,000.00 | 6,840.00 | 6,341.00 | 6,304.03 | 139.73 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 5,559.32 | 5,442.56 | 116.76 | 47.613 | | |
| 11,100.00 | 6,840.00 | 6,341.00 | 6,304.03 | 142.35 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 5,625.30 | 5,507.89 | 117.40 | 47.914 | | |
| 11,200.00 | 6,840.00 | 6,341.00 | 6,304.03 | 144.96 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 5,692.27 | 5,574.25 | 118.02 | 48.231 | | |
| 11,300.00 | 6,840.00 | 6,341.00 | 6,304.03 | 147.58 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 5,760.20 | 5,641.59 | 118.61 | 48.564 | | |
| 11,400.00 | 6,840.00 | 6,341.00 | 6,304.03 | 150.20 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 5,829.05 | 5,709.88 | 119.17 | 48.913 | | |
| 11,500.00 | 6,840.00 | 6,341.00 | 6,304.03 | 152.83 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 5,898.80 | 5,779.09 | 119.71 | 49.276 | | |
| 11,600.00 | 6,840.00 | 6,341.00 | 6,304.03 | 155.46 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 5,969.40 | 5,849.18 | 120.22 | 49.653 | | |
| 11,700.00 | 6,840.00 | 6,341.00 | 6,304.03 | 158.09 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 6,040.84 | 5,920.12 | 120.71 | 50.042 | | |
| 11,800.00 | 6,840.00 | 6,341.00 | 6,304.03 | 160.73 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 6,113.08 | 5,991.89 | 121.18 | 50.445 | | |
| 11,900.00 | 6,840.00 | 6,341.00 | 6,304.03 | 163.36 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 6,186.09 | 6,064.45 | 121.63 | 50.859 | | |
| 12,000.00 | 6,840.00 | 6,341.00 | 6,304.03 | 166.01 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 6,259.84 | 6,137.78 | 122.06 | 51.285 | | |
| 12,100.00 | 6,840.00 | 6,341.00 | 6,304.03 | 168.65 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 6,334.32 | 6,211.85 | 122.47 | 51.722 | | |
| 12,200.00 | 6,840.00 | 6,341.00 | 6,304.03 | 171.30 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 6,409.49 | 6,286.63 | 122.86 | 52.170 | | |
| 12,300.00 | 6,840.00 | 6,341.00 | 6,304.03 | 173.94 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 6,485.33 | 6,362.10 | 123.23 | 52.628 | | |
| 12,400.00 | 6,840.00 | 6,341.00 | 6,304.03 | 176.59 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 6,561.82 | 6,438.23 | 123.59 | 53.095 | | |
| 12,500.00 | 6,840.00 | 6,341.00 | 6,304.03 | 179.25 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 6,638.93 | 6,515.01 | 123.93 | 53.571 | | |
| 12,600.00 | 6,840.00 | 6,341.00 | 6,304.03 | 181.90 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 6,716.65 | 6,592.40 | 124.25 | 54.057 | | |
| 12,700.00 | 6,840.00 | 6,341.00 | 6,304.03 | 184.56 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 6,794.95 | 6,670.39 | 124.56 | 54.551 | | |
| 12,800.00 | 6,840.00 | 6,341.00 | 6,304.03 | 187.22 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 6,873.81 | 6,748.96 | 124.86 | 55.053 | | |
| 12,900.00 | 6,840.00 | 6,341.00 | 6,304.03 | 189.88 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 6,953.22 | 6,828.08 | 125.14 | 55.562 | | |
| 13,000.00 | 6,840.00 | 6,341.00 | 6,304.03 | 192.54 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 7,033.15 | 6,907.74 | 125.41 | 56.080 | | |
| 13,100.00 | 6,840.00 | 6,341.00 | 6,304.03 | 195.20 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 7,113.59 | 6,987.92 | 125.67 | 56.604 | | |
| 13,200.00 | 6,840.00 | 6,341.00 | 6,304.03 | 197.87 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 7,194.52 | 7,068.60 | 125.92 | 57.136 | | |
| 13,300.00 | 6,840.00 | 6,341.00 | 6,304.03 | 200.53 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 7,275.93 | 7,149.77 | 126.16 | 57.674 | | |
| 13,400.00 | 6,840.00 | 6,341.00 | 6,304.03 | 203.20 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 7,357.79 | 7,231.41 | 126.38 | 58.218 | | |
| 13,500.00 | 6,840.00 | 6,341.00 | 6,304.03 | 205.87 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 7,440.10 | 7,313.50 | 126.60 | 58.768 | | |
| 13,600.00 | 6,840.00 | 6,341.00 | 6,304.03 | 208.54 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 7,522.83 | 7,396.03 | 126.81 | 59.325 | | |
| 13,700.00 | 6,840.00 | 6,341.00 | 6,304.03 | 211.22 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 7,605.98 | 7,478.98 | 127.01 | 59.887 | | |
| 13,800.00 | 6,840.00 | 6,341.00 | 6,304.03 | 213.89 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 7,689.53 | 7,562.34 | 127.20 | 60.454 | | |
| 13,900.00 | 6,840.00 | 6,341.00 | 6,304.03 | 216.56 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 7,773.47 | 7,646.10 | 127.38 | 61.027 | | |
| 14,000.00 | 6,840.00 | 6,341.00 | 6,304.03 | 219.24 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 7,857.79 | 7,730.24 | 127.55 | 61.605 | | |
| 14,100.00 | 6,840.00 | 6,341.00 | 6,304.03 | 221.92 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 7,942.47 | 7,814.75 | 127.72 | 62.188 | | |
| 14,200.00 | 6,840.00 | 6,341.00 | 6,304.03 | 224.59 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 8,027.50 | 7,899.62 | 127.88 | 62.775 | | |
| 14,300.00 | 6,840.00 | 6,341.00 | 6,304.03 | 227.27 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 8,112.88 | 7,984.85 | 128.03 | 63.367 | | |
| 14,400.00 | 6,840.00 | 6,341.00 | 6,304.03 | 229.95 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 8,198.58 | 8,070.40 | 128.18 | 63.963 | | |
| 14,500.00 | 6,840.00 | 6,341.00 | 6,304.03 | 232.63 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 8,284.60 | 8,156.29 | 128.32 | 64.563 | | |
| 14,600.00 | 6,840.00 | 6,341.00 | 6,304.03 | 235.31 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 8,370.94 | 8,242.49 | 128.45 | 65.167 | | |
| 14,700.00 | 6,840.00 | 6,341.00 | 6,304.03 | 238.00 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 8,457.58 | 8,328.99 | 128.58 | 65.776 | | |
| 14,800.00 | 6,840.00 | 6,341.00 | 6,304.03 | 240.68 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 8,544.50 | 8,415.80 | 128.71 | 66.388 | | |
| 14,900.00 | 6,840.00 | 6,341.00 | 6,304.03 | 243.36 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 8,631.72 | 8,502.89 | 128.83 | 67.003 | | |
| 15,000.00 | 6,840.00 | 6,341.00 | 6,304.03 | 246.05 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 8,719.20 | 8,590.26 | 128.94 | 67.622 | | |
| 15,100.00 | 6,840.00 | 6,341.00 | 6,304.03 | 248.74 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 8,806.95 | 8,677.90 | 129.05 | 68.244 | | |
| 15,200.00 | 6,840.00 | 6,341.00 | 6,304.03 | 251.42 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 8,894.97 | 8,765.81 | 129.16 | 68.870 | | |
| 15,300.00 | 6,840.00 | 6,341.00 | 6,304.03 | 254.11 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 8,983.23 | 8,853.97 | 129.26 | 69.499 | | |
| 15,400.00 | 6,840.00 | 6,341.00 | 6,304.03 | 256.80 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 9,071.73 | 8,942.38 | 129.36 | 70.130 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SURVEY | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 679-MWD OWSG | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 15,500.00 | 6,840.00 | 6,341.00 | 6,304.03 | 259.49 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 9,160.47 | 9,031.03 | 129.45 | 70.765 | |
| 15,600.00 | 6,840.00 | 6,341.00 | 6,304.03 | 262.17 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 9,249.45 | 9,119.91 | 129.54 | 71.402 | |
| 15,700.00 | 6,840.00 | 6,341.00 | 6,304.03 | 264.86 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 9,338.64 | 9,209.01 | 129.63 | 72.042 | |
| 15,800.00 | 6,840.00 | 6,341.00 | 6,304.03 | 267.55 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 9,428.05 | 9,298.34 | 129.71 | 72.685 | |
| 15,900.00 | 6,840.00 | 6,341.00 | 6,304.03 | 270.25 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 9,517.68 | 9,387.88 | 129.79 | 73.330 | |
| 16,000.00 | 6,840.00 | 6,341.00 | 6,304.03 | 272.94 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 9,607.50 | 9,477.63 | 129.87 | 73.978 | |
| 16,100.00 | 6,840.00 | 6,341.00 | 6,304.03 | 275.63 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 9,697.53 | 9,567.58 | 129.95 | 74.628 | |
| 16,200.00 | 6,840.00 | 6,341.00 | 6,304.03 | 278.32 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 9,787.75 | 9,657.73 | 130.02 | 75.280 | |
| 16,300.00 | 6,840.00 | 6,341.00 | 6,304.03 | 281.02 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 9,878.16 | 9,748.07 | 130.09 | 75.934 | |
| 16,400.00 | 6,840.00 | 6,341.00 | 6,304.03 | 283.71 | 21.66 | 83.18 | 3,174.39 | -2,247.51 | 9,968.75 | 9,838.59 | 130.16 | 76.591 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ SHLETON PC G25-74-1HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 652-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 35.00 | -35.00 | 0.00 | 0.06 | -35.99 | 2,846.39 | -2,067.49 | 3,518.02 | | | | | |
| 100.00 | 100.00 | 65.00 | 65.00 | 0.13 | 0.11 | -35.99 | 2,846.39 | -2,067.49 | 3,518.02 | 3,517.77 | 0.25 | N/A | | |
| 200.00 | 200.00 | 165.00 | 165.00 | 0.49 | 0.28 | -35.99 | 2,846.39 | -2,067.49 | 3,518.02 | 3,517.24 | 0.78 | 4,539.202 | | |
| 300.00 | 300.00 | 265.00 | 265.00 | 0.85 | 0.45 | -35.99 | 2,846.39 | -2,067.49 | 3,518.02 | 3,516.71 | 1.30 | 2,696.852 | | |
| 400.00 | 400.00 | 365.00 | 365.00 | 1.21 | 0.62 | -35.99 | 2,846.39 | -2,067.49 | 3,518.02 | 3,516.18 | 1.83 | 1,918.273 | | |
| 500.00 | 500.00 | 465.00 | 465.00 | 1.57 | 0.80 | -35.99 | 2,846.39 | -2,067.49 | 3,518.02 | 3,515.65 | 2.36 | 1,488.534 | | |
| 600.00 | 599.98 | 564.98 | 564.98 | 1.92 | 0.97 | 79.84 | 2,846.39 | -2,067.49 | 3,517.71 | 3,514.83 | 2.88 | 1,220.928 | | |
| 700.00 | 699.84 | 664.84 | 664.84 | 2.26 | 1.14 | 79.94 | 2,846.39 | -2,067.49 | 3,516.79 | 3,513.39 | 3.40 | 1,035.741 | | |
| 800.00 | 799.45 | 748.98 | 748.98 | 2.62 | 1.45 | 80.07 | 2,846.12 | -2,068.40 | 3,515.62 | 3,511.55 | 4.07 | 864.513 | | |
| 900.00 | 898.70 | 855.11 | 855.09 | 2.99 | 1.82 | 80.29 | 2,845.57 | -2,069.79 | 3,513.87 | 3,509.06 | 4.81 | 730.950 | | |
| 1,000.00 | 997.47 | 960.75 | 960.72 | 3.39 | 2.18 | 80.58 | 2,844.87 | -2,071.03 | 3,511.39 | 3,505.82 | 5.57 | 630.542 | | |
| 1,100.00 | 1,095.62 | 1,074.77 | 1,074.73 | 3.81 | 2.58 | 80.98 | 2,844.09 | -2,071.86 | 3,508.13 | 3,501.74 | 6.39 | 549.257 | | |
| 1,200.00 | 1,193.06 | 1,191.51 | 1,191.47 | 4.27 | 2.98 | 81.49 | 2,843.61 | -2,071.16 | 3,503.92 | 3,496.67 | 7.25 | 483.423 | | |
| 1,300.00 | 1,289.64 | 1,306.36 | 1,306.30 | 4.77 | 3.38 | 82.10 | 2,843.48 | -2,068.88 | 3,498.83 | 3,490.69 | 8.14 | 429.733 | | |
| 1,400.00 | 1,385.27 | 1,448.48 | 1,447.98 | 5.31 | 3.88 | 83.06 | 2,847.16 | -2,058.61 | 3,493.00 | 3,483.83 | 9.18 | 380.606 | | |
| 1,500.00 | 1,479.82 | 1,537.83 | 1,536.54 | 5.91 | 4.20 | 83.85 | 2,851.45 | -2,047.55 | 3,486.16 | 3,476.06 | 10.09 | 345.391 | | |
| 1,600.00 | 1,573.19 | 1,625.15 | 1,622.58 | 6.55 | 4.53 | 84.69 | 2,857.53 | -2,033.96 | 3,479.65 | 3,468.58 | 11.07 | 314.340 | | |
| 1,700.00 | 1,666.16 | 1,700.00 | 1,693.29 | 7.23 | 4.80 | 87.27 | 2,878.17 | -1,975.53 | 3,472.35 | 3,460.36 | 12.00 | 289.391 | | |
| 1,800.00 | 1,759.13 | 2,014.35 | 2,001.39 | 7.93 | 6.23 | 88.33 | 2,883.16 | -1,949.16 | 3,462.08 | 3,447.99 | 14.10 | 245.577 | | |
| 1,900.00 | 1,852.10 | 2,071.37 | 2,056.73 | 8.64 | 6.50 | 88.87 | 2,885.85 | -1,935.70 | 3,453.05 | 3,437.97 | 15.08 | 228.912 | | |
| 2,000.00 | 1,945.06 | 2,130.85 | 2,114.41 | 9.35 | 6.79 | 89.44 | 2,889.27 | -1,921.56 | 3,445.60 | 3,429.51 | 16.10 | 214.056 | | |
| 2,100.00 | 2,038.03 | 2,100.00 | 2,200.74 | 10.08 | 6.64 | 90.32 | 2,894.92 | -1,899.23 | 3,439.10 | 3,422.42 | 16.67 | 206.272 | | |
| 2,200.00 | 2,131.00 | 2,264.97 | 2,244.05 | 10.81 | 7.46 | 90.76 | 2,897.85 | -1,888.31 | 3,434.02 | 3,415.78 | 18.23 | 188.347 | | |
| 2,300.00 | 2,223.97 | 2,310.00 | 2,287.92 | 11.54 | 7.69 | 91.19 | 2,900.78 | -1,878.58 | 3,430.85 | 3,411.65 | 19.20 | 178.697 | | |
| 2,400.00 | 2,316.94 | 2,451.45 | 2,425.26 | 12.28 | 8.41 | 92.55 | 2,909.78 | -1,846.03 | 3,427.84 | 3,407.20 | 20.64 | 166.060 | | |
| 2,500.00 | 2,409.90 | 2,526.50 | 2,497.76 | 13.02 | 8.80 | 93.50 | 2,914.88 | -1,827.32 | 3,425.70 | 3,403.92 | 21.78 | 157.286 | | |
| 2,600.00 | 2,502.87 | 2,605.82 | 2,574.19 | 13.77 | 9.23 | 94.10 | 2,920.60 | -1,806.88 | 3,424.65 | 3,401.70 | 22.95 | 149.226 | | |
| 2,643.04 | 2,542.88 | 2,638.07 | 2,605.20 | 14.09 | 9.41 | 94.42 | 2,923.02 | -1,798.37 | 3,424.54 | 3,401.09 | 23.45 | 146.052 | | |
| 2,700.00 | 2,595.84 | 2,680.45 | 2,645.91 | 14.51 | 9.65 | 94.86 | 2,926.30 | -1,787.02 | 3,424.74 | 3,400.63 | 24.10 | 142.082 | | |
| 2,800.00 | 2,688.81 | 2,747.94 | 2,710.69 | 15.26 | 10.03 | 95.55 | 2,931.70 | -1,768.89 | 3,426.09 | 3,400.87 | 25.22 | 135.839 | | |
| 2,900.00 | 2,781.77 | 2,814.71 | 2,774.87 | 16.01 | 10.40 | 96.23 | 2,937.16 | -1,751.33 | 3,428.82 | 3,402.49 | 26.33 | 130.219 | | |
| 3,000.00 | 2,874.74 | 2,881.53 | 2,839.22 | 16.76 | 10.77 | 96.90 | 2,942.72 | -1,734.23 | 3,432.92 | 3,405.48 | 27.43 | 125.131 | | |
| 3,100.00 | 2,967.71 | 2,945.03 | 2,900.42 | 17.52 | 11.13 | 97.54 | 2,948.22 | -1,718.18 | 3,438.40 | 3,409.89 | 28.51 | 120.591 | | |
| 3,200.00 | 3,060.68 | 3,097.39 | 3,047.65 | 18.27 | 11.97 | 99.04 | 2,959.97 | -1,680.81 | 3,444.46 | 3,414.39 | 30.07 | 114.554 | | |
| 3,300.00 | 3,153.65 | 3,184.67 | 3,131.86 | 19.03 | 12.45 | 99.91 | 2,965.76 | -1,658.64 | 3,450.42 | 3,419.15 | 31.26 | 110.363 | | |
| 3,400.00 | 3,246.61 | 3,273.39 | 3,217.54 | 19.78 | 12.95 | 100.78 | 2,971.39 | -1,636.33 | 3,457.22 | 3,424.75 | 32.47 | 106.486 | | |
| 3,500.00 | 3,339.58 | 3,331.12 | 3,273.55 | 20.54 | 13.26 | 101.33 | 2,975.01 | -1,622.79 | 3,465.26 | 3,431.78 | 33.47 | 103.518 | | |
| 3,600.00 | 3,432.55 | 3,447.05 | 3,386.19 | 21.30 | 13.88 | 102.43 | 2,982.01 | -1,596.27 | 3,474.25 | 3,439.46 | 34.79 | 99.876 | | |
| 3,700.00 | 3,525.52 | 3,521.44 | 3,458.19 | 22.06 | 14.29 | 103.15 | 2,986.30 | -1,578.10 | 3,483.65 | 3,447.77 | 35.88 | 97.092 | | |
| 3,800.00 | 3,618.49 | 10,422.05 | 6,955.63 | 22.82 | 67.24 | 177.21 | -590.88 | -1,317.40 | 3,398.99 | 3,360.52 | 38.46 | 88.372 | | |
| 3,900.00 | 3,711.45 | 10,442.95 | 6,954.78 | 23.57 | 67.59 | 178.49 | -611.75 | -1,316.68 | 3,302.21 | 3,263.53 | 38.69 | 85.358 | | |
| 4,000.00 | 3,804.42 | 10,456.47 | 6,954.19 | 24.33 | 67.81 | 179.32 | -625.25 | -1,316.32 | 3,205.58 | 3,166.72 | 38.86 | 82.481 | | |
| 4,100.00 | 3,897.39 | 10,471.87 | 6,953.48 | 25.09 | 68.06 | -179.72 | -640.63 | -1,316.03 | 3,109.11 | 3,070.05 | 39.06 | 79.592 | | |
| 4,200.00 | 3,990.36 | 10,487.58 | 6,952.73 | 25.86 | 68.32 | -178.73 | -656.32 | -1,315.89 | 3,012.81 | 2,973.54 | 39.27 | 76.717 | | |
| 4,300.00 | 4,083.32 | 10,503.60 | 6,951.92 | 26.62 | 68.59 | -177.70 | -672.32 | -1,315.92 | 2,916.70 | 2,877.20 | 39.49 | 73.853 | | |
| 4,400.00 | 4,176.29 | 10,519.93 | 6,951.06 | 27.38 | 68.86 | -176.65 | -688.63 | -1,316.11 | 2,820.79 | 2,781.06 | 39.73 | 71.002 | | |
| 4,500.00 | 4,269.26 | 10,536.59 | 6,950.13 | 28.14 | 69.13 | -175.56 | -705.26 | -1,316.49 | 2,725.11 | 2,685.13 | 39.98 | 68.162 | | |
| 4,600.00 | 4,362.23 | 4,600.00 | 6,950.40 | 28.90 | 30.09 | -175.87 | -700.54 | -1,316.37 | 2,629.73 | 2,610.45 | 19.28 | 136.406 | | |
| 4,700.00 | 4,455.20 | 10,532.00 | 6,950.39 | 29.66 | 69.05 | -175.86 | -700.68 | -1,316.36 | 2,534.71 | 2,494.44 | 40.26 | 62.951 | | |
| 4,800.00 | 4,548.16 | 10,532.00 | 6,950.39 | 30.43 | 69.05 | -175.86 | -700.68 | -1,316.36 | 2,440.08 | 2,399.62 | 40.46 | 60.307 | | |
| 4,900.00 | 4,641.13 | 10,532.00 | 6,950.39 | 31.19 | 69.05 | -175.86 | -700.68 | -1,316.36 | 2,345.90 | 2,305.21 | 40.69 | 57.653 | | |
| 5,000.00 | 4,734.10 | 10,559.39 | 6,949.06 | 31.95 | 69.50 | -174.05 | -728.03 | -1,317.10 | 2,251.85 | 2,210.71 | 41.14 | 54.734 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ SHLETON PC G25-74-1HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 652-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 10,565.43 | 6,948.83 | 32.71 | 69.60 | -173.65 | -734.06 | -1,317.28 | 2,158.55 | 2,117.06 | 41.49 | 52.022 | | |
| 5,200.00 | 4,920.04 | 10,571.78 | 6,948.60 | 33.48 | 69.70 | -173.22 | -740.41 | -1,317.47 | 2,065.84 | 2,023.93 | 41.90 | 49.300 | | |
| 5,300.00 | 5,013.00 | 10,578.48 | 6,948.38 | 34.24 | 69.81 | -172.76 | -747.10 | -1,317.68 | 1,973.79 | 1,931.40 | 42.38 | 46.568 | | |
| 5,400.00 | 5,105.97 | 10,585.56 | 6,948.18 | 35.00 | 69.93 | -172.28 | -754.17 | -1,317.91 | 1,882.50 | 1,839.54 | 42.96 | 43.825 | | |
| 5,500.00 | 5,198.94 | 10,593.04 | 6,948.00 | 35.77 | 70.05 | -171.77 | -761.64 | -1,318.16 | 1,792.08 | 1,748.44 | 43.63 | 41.070 | | |
| 5,600.00 | 5,291.91 | 10,600.96 | 6,947.83 | 36.53 | 70.18 | -171.22 | -769.56 | -1,318.43 | 1,702.66 | 1,658.21 | 44.45 | 38.307 | | |
| 5,700.00 | 5,384.87 | 10,609.37 | 6,947.70 | 37.29 | 70.32 | -170.64 | -777.96 | -1,318.73 | 1,614.41 | 1,568.98 | 45.43 | 35.538 | | |
| 5,800.00 | 5,477.84 | 10,627.00 | 6,947.55 | 38.06 | 70.60 | -169.41 | -795.58 | -1,319.40 | 1,527.56 | 1,480.89 | 46.67 | 32.732 | | |
| 5,900.00 | 5,570.81 | 10,628.79 | 6,947.54 | 38.82 | 70.63 | -169.29 | -797.36 | -1,319.47 | 1,442.21 | 1,394.16 | 48.06 | 30.009 | | |
| 6,000.00 | 5,663.78 | 10,650.49 | 6,947.44 | 39.59 | 70.98 | -167.75 | -819.04 | -1,320.41 | 1,358.71 | 1,308.83 | 49.88 | 27.239 | | |
| 6,100.00 | 5,756.75 | 10,672.40 | 6,947.29 | 40.35 | 71.34 | -166.18 | -840.92 | -1,321.52 | 1,277.29 | 1,225.21 | 52.08 | 24.526 | | |
| 6,200.00 | 5,849.71 | 10,694.52 | 6,947.11 | 41.12 | 71.70 | -164.58 | -863.00 | -1,322.82 | 1,198.37 | 1,143.64 | 54.73 | 21.896 | | |
| 6,300.00 | 5,942.68 | 10,716.84 | 6,946.88 | 41.88 | 72.06 | -162.95 | -885.28 | -1,324.29 | 1,122.47 | 1,064.56 | 57.92 | 19.381 | | |
| 6,400.00 | 6,035.65 | 10,739.38 | 6,946.61 | 42.64 | 72.42 | -161.28 | -907.76 | -1,325.96 | 1,050.25 | 988.54 | 61.71 | 17.018 | | |
| 6,500.00 | 6,128.62 | 10,745.47 | 6,946.64 | 43.41 | 72.52 | -160.83 | -913.83 | -1,326.31 | 982.77 | 916.73 | 66.05 | 14.880 | | |
| 6,600.00 | 6,221.59 | 10,759.66 | 6,946.61 | 44.17 | 72.75 | -159.77 | -927.99 | -1,327.28 | 920.90 | 849.77 | 71.13 | 12.948 | | |
| 6,700.00 | 6,314.55 | 10,774.39 | 6,946.63 | 44.94 | 72.99 | -158.66 | -942.69 | -1,328.28 | 865.88 | 789.04 | 76.84 | 11.269 | | |
| 6,800.00 | 6,407.52 | 10,789.69 | 6,946.72 | 45.70 | 73.24 | -157.51 | -957.95 | -1,329.29 | 819.06 | 736.04 | 83.02 | 9.865 | | |
| 6,900.00 | 6,499.98 | 10,805.59 | 6,946.89 | 46.49 | 73.49 | -160.32 | -973.81 | -1,330.32 | 783.33 | 693.90 | 89.42 | 8.760 | | |
| 6,984.34 | 6,573.52 | 10,816.00 | 6,947.03 | 47.34 | 73.66 | -164.88 | -984.21 | -1,330.98 | 772.70 | 678.01 | 94.69 | 8.160 CC | | |
| 7,000.00 | 6,586.50 | 10,816.00 | 6,947.03 | 47.49 | 73.66 | -165.60 | -984.21 | -1,330.98 | 773.07 | 677.50 | 95.57 | 8.089 ES | | |
| 7,100.00 | 6,663.58 | 10,831.62 | 6,947.29 | 48.75 | 73.92 | -167.86 | -999.80 | -1,331.87 | 792.44 | 691.67 | 100.77 | 7.864 SF | | |
| 7,200.00 | 6,728.87 | 10,841.31 | 6,947.47 | 50.23 | 74.08 | -169.24 | -1,009.48 | -1,332.33 | 838.96 | 734.64 | 104.32 | 8.042 | | |
| 7,300.00 | 6,780.38 | 10,849.07 | 6,947.62 | 51.91 | 74.21 | -169.96 | -1,017.23 | -1,332.65 | 907.28 | 800.82 | 106.46 | 8.523 | | |
| 7,400.00 | 6,816.56 | 10,854.76 | 6,947.73 | 53.74 | 74.30 | -170.26 | -1,022.91 | -1,332.85 | 991.14 | 883.53 | 107.61 | 9.210 | | |
| 7,500.00 | 6,836.29 | 10,858.36 | 6,947.81 | 55.65 | 74.36 | -170.22 | -1,026.51 | -1,332.97 | 1,084.77 | 976.60 | 108.17 | 10.029 | | |
| 7,600.00 | 6,840.00 | 10,860.08 | 6,947.84 | 57.58 | 74.39 | -169.76 | -1,028.23 | -1,333.02 | 1,183.29 | 1,074.90 | 108.39 | 10.917 | | |
| 7,700.00 | 6,840.00 | 10,861.30 | 6,947.87 | 59.56 | 74.41 | -169.28 | -1,029.45 | -1,333.06 | 1,282.59 | 1,174.07 | 108.53 | 11.818 | | |
| 7,800.00 | 6,840.00 | 10,862.44 | 6,947.90 | 61.60 | 74.43 | -168.85 | -1,030.59 | -1,333.09 | 1,381.99 | 1,273.35 | 108.65 | 12.720 | | |
| 7,900.00 | 6,840.00 | 10,863.50 | 6,947.92 | 63.69 | 74.45 | -168.44 | -1,031.65 | -1,333.12 | 1,481.47 | 1,372.73 | 108.75 | 13.623 | | |
| 8,000.00 | 6,840.00 | 10,864.48 | 6,947.94 | 65.82 | 74.46 | -168.06 | -1,032.63 | -1,333.14 | 1,581.02 | 1,472.18 | 108.84 | 14.526 | | |
| 8,100.00 | 6,840.00 | 10,865.40 | 6,947.96 | 67.99 | 74.48 | -167.71 | -1,033.55 | -1,333.17 | 1,680.61 | 1,571.69 | 108.92 | 15.429 | | |
| 8,200.00 | 6,840.00 | 10,866.26 | 6,947.98 | 70.21 | 74.49 | -167.39 | -1,034.40 | -1,333.19 | 1,780.26 | 1,671.26 | 109.00 | 16.333 | | |
| 8,300.00 | 6,840.00 | 10,867.06 | 6,948.00 | 72.45 | 74.51 | -167.08 | -1,035.21 | -1,333.21 | 1,879.93 | 1,770.87 | 109.07 | 17.236 | | |
| 8,400.00 | 6,840.00 | 10,867.82 | 6,948.01 | 74.73 | 74.52 | -166.80 | -1,035.96 | -1,333.22 | 1,979.64 | 1,870.51 | 109.13 | 18.140 | | |
| 8,500.00 | 6,840.00 | 10,868.53 | 6,948.03 | 77.04 | 74.53 | -166.53 | -1,036.67 | -1,333.24 | 2,079.38 | 1,970.19 | 109.19 | 19.043 | | |
| 8,600.00 | 6,840.00 | 10,869.20 | 6,948.04 | 79.38 | 74.54 | -166.28 | -1,037.34 | -1,333.26 | 2,179.14 | 2,069.89 | 109.25 | 19.946 | | |
| 8,700.00 | 6,840.00 | 10,869.83 | 6,948.06 | 81.74 | 74.55 | -166.04 | -1,037.98 | -1,333.27 | 2,278.92 | 2,169.62 | 109.31 | 20.849 | | |
| 8,800.00 | 6,840.00 | 10,870.43 | 6,948.07 | 84.12 | 74.56 | -165.81 | -1,038.58 | -1,333.28 | 2,378.72 | 2,269.36 | 109.36 | 21.751 | | |
| 8,900.00 | 6,840.00 | 10,871.00 | 6,948.09 | 86.52 | 74.57 | -165.60 | -1,039.14 | -1,333.29 | 2,478.54 | 2,369.12 | 109.41 | 22.653 | | |
| 9,000.00 | 6,840.00 | 10,871.54 | 6,948.10 | 88.94 | 74.58 | -165.40 | -1,039.68 | -1,333.31 | 2,578.37 | 2,468.90 | 109.46 | 23.555 | | |
| 9,100.00 | 6,840.00 | 10,872.05 | 6,948.11 | 91.38 | 74.59 | -165.21 | -1,040.19 | -1,333.32 | 2,678.21 | 2,568.70 | 109.51 | 24.456 | | |
| 9,200.00 | 6,840.00 | 10,872.54 | 6,948.12 | 93.83 | 74.60 | -165.03 | -1,040.68 | -1,333.33 | 2,778.06 | 2,668.50 | 109.56 | 25.356 | | |
| 9,300.00 | 6,840.00 | 10,873.00 | 6,948.13 | 96.30 | 74.60 | -164.86 | -1,041.14 | -1,333.33 | 2,877.92 | 2,768.31 | 109.61 | 26.256 | | |
| 9,400.00 | 6,840.00 | 10,873.44 | 6,948.14 | 98.79 | 74.61 | -164.70 | -1,041.58 | -1,333.34 | 2,977.79 | 2,868.14 | 109.66 | 27.156 | | |
| 9,500.00 | 6,840.00 | 10,873.86 | 6,948.15 | 101.28 | 74.62 | -164.54 | -1,042.01 | -1,333.35 | 3,077.67 | 2,967.97 | 109.70 | 28.055 | | |
| 9,600.00 | 6,840.00 | 10,874.27 | 6,948.16 | 103.79 | 74.62 | -164.39 | -1,042.41 | -1,333.36 | 3,177.56 | 3,067.81 | 109.75 | 28.953 | | |
| 9,700.00 | 6,840.00 | 10,874.65 | 6,948.17 | 106.30 | 74.63 | -164.25 | -1,042.79 | -1,333.37 | 3,277.46 | 3,167.66 | 109.79 | 29.851 | | |
| 9,800.00 | 6,840.00 | 10,875.02 | 6,948.18 | 108.83 | 74.64 | -164.11 | -1,043.16 | -1,333.37 | 3,377.36 | 3,267.52 | 109.84 | 30.748 | | |
| 9,900.00 | 6,840.00 | 10,875.37 | 6,948.19 | 111.37 | 74.64 | -163.98 | -1,043.52 | -1,333.38 | 3,477.26 | 3,367.38 | 109.88 | 31.645 | | |
| 10,000.00 | 6,840.00 | 10,875.71 | 6,948.19 | 113.91 | 74.65 | -163.86 | -1,043.86 | -1,333.38 | 3,577.17 | 3,467.24 | 109.93 | 32.541 | | |
| 10,100.00 | 6,840.00 | 10,876.04 | 6,948.20 | 116.47 | 74.65 | -163.74 | -1,044.18 | -1,333.39 | 3,677.09 | 3,567.11 | 109.97 | 33.436 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ SHLETON PC G25-74-1HN - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 652-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,200.00 | 6,840.00 | 10,876.35 | 6,948.21 | 119.03 | 74.66 | -163.62 | -1,044.49 | -1,333.40 | 3,777.01 | 3,666.99 | 110.02 | 34.330 | | |
| 10,300.00 | 6,840.00 | 10,876.65 | 6,948.22 | 121.59 | 74.66 | -163.51 | -1,044.79 | -1,333.40 | 3,876.93 | 3,766.87 | 110.07 | 35.224 | | |
| 10,400.00 | 6,840.00 | 10,876.94 | 6,948.22 | 124.17 | 74.67 | -163.41 | -1,045.08 | -1,333.41 | 3,976.86 | 3,866.75 | 110.11 | 36.117 | | |
| 10,500.00 | 6,840.00 | 10,911.00 | 6,949.10 | 126.75 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 4,077.37 | 3,966.23 | 111.14 | 36.686 | | |
| 10,600.00 | 6,840.00 | 10,911.00 | 6,949.10 | 129.34 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 4,177.29 | 4,066.11 | 111.18 | 37.573 | | |
| 10,700.00 | 6,840.00 | 10,911.00 | 6,949.10 | 131.93 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 4,277.22 | 4,166.00 | 111.22 | 38.458 | | |
| 10,800.00 | 6,840.00 | 10,911.00 | 6,949.10 | 134.53 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 4,377.15 | 4,265.89 | 111.26 | 39.343 | | |
| 10,900.00 | 6,840.00 | 10,911.00 | 6,949.10 | 137.13 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 4,477.08 | 4,365.78 | 111.30 | 40.227 | | |
| 11,000.00 | 6,840.00 | 10,911.00 | 6,949.10 | 139.73 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 4,577.01 | 4,465.68 | 111.33 | 41.110 | | |
| 11,100.00 | 6,840.00 | 10,911.00 | 6,949.10 | 142.35 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 4,676.95 | 4,565.58 | 111.37 | 41.993 | | |
| 11,200.00 | 6,840.00 | 10,911.00 | 6,949.10 | 144.96 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 4,776.89 | 4,665.48 | 111.42 | 42.875 | | |
| 11,300.00 | 6,840.00 | 10,911.00 | 6,949.10 | 147.58 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 4,876.83 | 4,765.38 | 111.46 | 43.755 | | |
| 11,400.00 | 6,840.00 | 10,911.00 | 6,949.10 | 150.20 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 4,976.78 | 4,865.28 | 111.50 | 44.636 | | |
| 11,500.00 | 6,840.00 | 10,911.00 | 6,949.10 | 152.83 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 5,076.73 | 4,965.19 | 111.54 | 45.515 | | |
| 11,600.00 | 6,840.00 | 10,911.00 | 6,949.10 | 155.46 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 5,176.68 | 5,065.09 | 111.58 | 46.393 | | |
| 11,700.00 | 6,840.00 | 10,911.00 | 6,949.10 | 158.09 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 5,276.63 | 5,165.00 | 111.63 | 47.271 | | |
| 11,800.00 | 6,840.00 | 10,911.00 | 6,949.10 | 160.73 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 5,376.58 | 5,264.91 | 111.67 | 48.147 | | |
| 11,900.00 | 6,840.00 | 10,911.00 | 6,949.10 | 163.36 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 5,476.53 | 5,364.82 | 111.71 | 49.023 | | |
| 12,000.00 | 6,840.00 | 10,911.00 | 6,949.10 | 166.01 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 5,576.49 | 5,464.73 | 111.76 | 49.897 | | |
| 12,100.00 | 6,840.00 | 10,911.00 | 6,949.10 | 168.65 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 5,676.45 | 5,564.64 | 111.80 | 50.771 | | |
| 12,200.00 | 6,840.00 | 10,911.00 | 6,949.10 | 171.30 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 5,776.41 | 5,664.56 | 111.85 | 51.644 | | |
| 12,300.00 | 6,840.00 | 10,911.00 | 6,949.10 | 173.94 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 5,876.37 | 5,764.47 | 111.90 | 52.516 | | |
| 12,400.00 | 6,840.00 | 10,911.00 | 6,949.10 | 176.59 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 5,976.33 | 5,864.39 | 111.94 | 53.387 | | |
| 12,500.00 | 6,840.00 | 10,911.00 | 6,949.10 | 179.25 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 6,076.29 | 5,964.30 | 111.99 | 54.257 | | |
| 12,600.00 | 6,840.00 | 10,911.00 | 6,949.10 | 181.90 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 6,176.26 | 6,064.22 | 112.04 | 55.126 | | |
| 12,700.00 | 6,840.00 | 10,911.00 | 6,949.10 | 184.56 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 6,276.22 | 6,164.14 | 112.09 | 55.994 | | |
| 12,800.00 | 6,840.00 | 10,911.00 | 6,949.10 | 187.22 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 6,376.19 | 6,264.05 | 112.14 | 56.861 | | |
| 12,900.00 | 6,840.00 | 10,911.00 | 6,949.10 | 189.88 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 6,476.16 | 6,363.97 | 112.19 | 57.727 | | |
| 13,000.00 | 6,840.00 | 10,911.00 | 6,949.10 | 192.54 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 6,576.13 | 6,463.89 | 112.24 | 58.592 | | |
| 13,100.00 | 6,840.00 | 10,911.00 | 6,949.10 | 195.20 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 6,676.10 | 6,563.81 | 112.29 | 59.456 | | |
| 13,200.00 | 6,840.00 | 10,911.00 | 6,949.10 | 197.87 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 6,776.07 | 6,663.73 | 112.34 | 60.318 | | |
| 13,300.00 | 6,840.00 | 10,911.00 | 6,949.10 | 200.53 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 6,876.04 | 6,763.65 | 112.39 | 61.180 | | |
| 13,400.00 | 6,840.00 | 10,911.00 | 6,949.10 | 203.20 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 6,976.01 | 6,863.57 | 112.44 | 62.041 | | |
| 13,500.00 | 6,840.00 | 10,911.00 | 6,949.10 | 205.87 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 7,075.98 | 6,963.49 | 112.50 | 62.900 | | |
| 13,600.00 | 6,840.00 | 10,911.00 | 6,949.10 | 208.54 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 7,175.96 | 7,063.41 | 112.55 | 63.759 | | |
| 13,700.00 | 6,840.00 | 10,911.00 | 6,949.10 | 211.22 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 7,275.93 | 7,163.33 | 112.60 | 64.616 | | |
| 13,800.00 | 6,840.00 | 10,911.00 | 6,949.10 | 213.89 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 7,375.91 | 7,263.25 | 112.66 | 65.472 | | |
| 13,900.00 | 6,840.00 | 10,911.00 | 6,949.10 | 216.56 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 7,475.88 | 7,363.17 | 112.71 | 66.327 | | |
| 14,000.00 | 6,840.00 | 10,911.00 | 6,949.10 | 219.24 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 7,575.86 | 7,463.09 | 112.77 | 67.181 | | |
| 14,100.00 | 6,840.00 | 10,911.00 | 6,949.10 | 221.92 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 7,675.84 | 7,563.01 | 112.82 | 68.034 | | |
| 14,200.00 | 6,840.00 | 10,911.00 | 6,949.10 | 224.59 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 7,775.82 | 7,662.94 | 112.88 | 68.886 | | |
| 14,300.00 | 6,840.00 | 10,911.00 | 6,949.10 | 227.27 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 7,875.79 | 7,762.86 | 112.94 | 69.736 | | |
| 14,400.00 | 6,840.00 | 10,911.00 | 6,949.10 | 229.95 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 7,975.77 | 7,862.78 | 112.99 | 70.586 | | |
| 14,500.00 | 6,840.00 | 10,911.00 | 6,949.10 | 232.63 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 8,075.75 | 7,962.70 | 113.05 | 71.434 | | |
| 14,600.00 | 6,840.00 | 10,911.00 | 6,949.10 | 235.31 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 8,175.73 | 8,062.62 | 113.11 | 72.281 | | |
| 14,700.00 | 6,840.00 | 10,911.00 | 6,949.10 | 238.00 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 8,275.71 | 8,162.54 | 113.17 | 73.126 | | |
| 14,800.00 | 6,840.00 | 10,911.00 | 6,949.10 | 240.68 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 8,375.69 | 8,262.46 | 113.23 | 73.971 | | |
| 14,900.00 | 6,840.00 | 10,911.00 | 6,949.10 | 243.36 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 8,475.67 | 8,362.38 | 113.29 | 74.814 | | |
| 15,000.00 | 6,840.00 | 10,911.00 | 6,949.10 | 246.05 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 8,575.66 | 8,462.30 | 113.35 | 75.656 | | |
| 15,100.00 | 6,840.00 | 10,911.00 | 6,949.10 | 248.74 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 8,675.64 | 8,562.23 | 113.41 | 76.497 | | |
| 15,200.00 | 6,840.00 | 10,911.00 | 6,949.10 | 251.42 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 8,775.62 | 8,662.15 | 113.47 | 77.336 | | |
| 15,300.00 | 6,840.00 | 10,911.00 | 6,949.10 | 254.11 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 8,875.60 | 8,762.07 | 113.54 | 78.175 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST HZ SHLETON PC G25-74-1HN - OWB - FINAL SURVEY | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 652-MWD OWSG | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 15,400.00 | 6,840.00 | 10,911.00 | 6,949.10 | 256.80 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 8,975.59 | 8,861.99 | 113.60 | 79.012 | |
| 15,500.00 | 6,840.00 | 10,911.00 | 6,949.10 | 259.49 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 9,075.57 | 8,961.91 | 113.66 | 79.848 | |
| 15,600.00 | 6,840.00 | 10,911.00 | 6,949.10 | 262.17 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 9,175.55 | 9,061.83 | 113.72 | 80.682 | |
| 15,700.00 | 6,840.00 | 10,911.00 | 6,949.10 | 264.86 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 9,275.54 | 9,161.75 | 113.79 | 81.515 | |
| 15,800.00 | 6,840.00 | 10,911.00 | 6,949.10 | 267.55 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 9,375.52 | 9,261.67 | 113.85 | 82.347 | |
| 15,900.00 | 6,840.00 | 10,911.00 | 6,949.10 | 270.25 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 9,475.51 | 9,361.59 | 113.92 | 83.178 | |
| 16,000.00 | 6,840.00 | 10,911.00 | 6,949.10 | 272.94 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 9,575.49 | 9,461.51 | 113.98 | 84.007 | |
| 16,100.00 | 6,840.00 | 10,911.00 | 6,949.10 | 275.63 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 9,675.48 | 9,561.43 | 114.05 | 84.835 | |
| 16,200.00 | 6,840.00 | 10,911.00 | 6,949.10 | 278.32 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 9,775.46 | 9,661.35 | 114.12 | 85.662 | |
| 16,300.00 | 6,840.00 | 10,911.00 | 6,949.10 | 281.02 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 9,875.45 | 9,761.27 | 114.18 | 86.487 | |
| 16,400.00 | 6,840.00 | 10,911.00 | 6,949.10 | 283.71 | 75.23 | -151.97 | -1,079.13 | -1,333.52 | 9,975.44 | 9,861.19 | 114.25 | 87.311 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -95.15 | -151.87 | -1,685.50 | 1,692.87 | | | | | |
| 100.00 | 100.00 | 68.76 | 68.76 | 0.13 | 0.07 | -95.15 | -152.01 | -1,685.24 | 1,692.13 | 1,691.93 | 0.20 | 8,451.886 | | |
| 200.00 | 200.00 | 162.29 | 162.28 | 0.49 | 0.16 | -95.17 | -152.54 | -1,684.51 | 1,691.41 | 1,690.76 | 0.65 | 2,590.819 | | |
| 300.00 | 300.00 | 260.20 | 260.20 | 0.85 | 0.22 | -95.19 | -152.88 | -1,684.42 | 1,691.35 | 1,690.28 | 1.06 | 1,589.724 | | |
| 400.00 | 400.00 | 362.01 | 362.00 | 1.21 | 0.27 | -95.18 | -152.71 | -1,684.11 | 1,691.03 | 1,689.54 | 1.48 | 1,140.378 | | |
| 500.00 | 500.00 | 460.58 | 460.57 | 1.57 | 0.34 | -95.17 | -152.45 | -1,683.89 | 1,690.78 | 1,688.87 | 1.91 | 883.770 | | |
| 600.00 | 599.98 | 563.41 | 563.40 | 1.92 | 0.41 | 20.66 | -152.34 | -1,683.64 | 1,688.90 | 1,686.57 | 2.32 | 726.533 | | |
| 700.00 | 699.84 | 661.42 | 661.41 | 2.26 | 0.46 | 20.76 | -152.26 | -1,683.25 | 1,683.60 | 1,680.88 | 2.72 | 619.326 | | |
| 800.00 | 799.45 | 759.37 | 759.36 | 2.62 | 0.51 | 20.93 | -152.10 | -1,683.10 | 1,675.28 | 1,672.16 | 3.12 | 537.645 | | |
| 900.00 | 898.70 | 860.98 | 860.97 | 2.99 | 0.56 | 21.17 | -151.91 | -1,682.88 | 1,663.67 | 1,660.15 | 3.52 | 472.325 | | |
| 1,000.00 | 997.47 | 957.08 | 957.07 | 3.39 | 0.58 | 21.48 | -151.66 | -1,682.60 | 1,648.77 | 1,644.86 | 3.91 | 421.739 | | |
| 1,100.00 | 1,095.62 | 1,051.31 | 1,051.30 | 3.81 | 0.59 | 21.85 | -151.76 | -1,682.59 | 1,630.99 | 1,626.70 | 4.28 | 380.730 | | |
| 1,200.00 | 1,193.06 | 1,146.57 | 1,146.56 | 4.27 | 0.60 | 22.31 | -151.47 | -1,682.75 | 1,610.21 | 1,605.53 | 4.68 | 344.285 | | |
| 1,300.00 | 1,289.64 | 1,242.28 | 1,242.27 | 4.77 | 0.63 | 22.86 | -151.22 | -1,683.03 | 1,586.46 | 1,581.36 | 5.09 | 311.393 | | |
| 1,400.00 | 1,385.27 | 1,339.46 | 1,339.44 | 5.31 | 0.66 | 23.51 | -151.07 | -1,683.27 | 1,559.64 | 1,554.11 | 5.52 | 282.358 | | |
| 1,500.00 | 1,479.82 | 1,435.16 | 1,435.14 | 5.91 | 0.69 | 24.26 | -150.85 | -1,683.40 | 1,529.72 | 1,523.75 | 5.97 | 256.357 | | |
| 1,600.00 | 1,573.19 | 1,528.47 | 1,528.46 | 6.55 | 0.72 | 25.06 | -150.56 | -1,683.53 | 1,496.97 | 1,490.54 | 6.43 | 232.707 | | |
| 1,700.00 | 1,666.16 | 1,623.12 | 1,623.10 | 7.23 | 0.75 | 25.70 | -149.93 | -1,683.61 | 1,463.32 | 1,456.42 | 6.90 | 212.002 | | |
| 1,800.00 | 1,759.13 | 1,716.91 | 1,716.89 | 7.93 | 0.79 | 26.37 | -149.29 | -1,683.59 | 1,429.74 | 1,422.35 | 7.39 | 193.537 | | |
| 1,900.00 | 1,852.10 | 1,807.78 | 1,807.76 | 8.64 | 0.82 | 27.04 | -148.61 | -1,683.62 | 1,396.39 | 1,388.50 | 7.89 | 177.070 | | |
| 2,000.00 | 1,945.06 | 1,899.40 | 1,899.37 | 9.35 | 0.86 | 27.75 | -147.93 | -1,683.75 | 1,363.34 | 1,354.95 | 8.40 | 162.351 | | |
| 2,100.00 | 2,038.03 | 1,993.10 | 1,993.07 | 10.08 | 0.89 | 28.52 | -147.17 | -1,683.90 | 1,330.52 | 1,321.60 | 8.92 | 149.136 | | |
| 2,200.00 | 2,131.00 | 2,083.81 | 2,083.78 | 10.81 | 0.92 | 29.30 | -146.32 | -1,684.09 | 1,297.97 | 1,288.51 | 9.46 | 137.196 | | |
| 2,300.00 | 2,223.97 | 2,175.24 | 2,175.20 | 11.54 | 0.95 | 30.12 | -145.59 | -1,684.42 | 1,265.81 | 1,255.80 | 10.01 | 126.408 | | |
| 2,400.00 | 2,316.94 | 2,267.66 | 2,267.62 | 12.28 | 0.98 | 30.99 | -144.90 | -1,684.84 | 1,233.99 | 1,223.41 | 10.58 | 116.621 | | |
| 2,500.00 | 2,409.90 | 2,359.37 | 2,359.33 | 13.02 | 1.01 | 31.90 | -144.16 | -1,685.30 | 1,202.51 | 1,191.34 | 11.17 | 107.698 | | |
| 2,600.00 | 2,502.87 | 2,450.21 | 2,450.16 | 13.77 | 1.04 | 32.85 | -143.32 | -1,685.89 | 1,171.47 | 1,159.70 | 11.77 | 99.543 | | |
| 2,700.00 | 2,595.84 | 2,542.53 | 2,542.47 | 14.51 | 1.07 | 33.86 | -142.44 | -1,686.64 | 1,140.93 | 1,128.54 | 12.39 | 92.097 | | |
| 2,800.00 | 2,688.81 | 2,636.70 | 2,636.64 | 15.26 | 1.10 | 34.95 | -141.53 | -1,687.35 | 1,110.70 | 1,097.67 | 13.03 | 85.268 | | |
| 2,900.00 | 2,781.77 | 2,730.53 | 2,730.46 | 16.01 | 1.13 | 36.10 | -140.68 | -1,687.99 | 1,080.78 | 1,067.10 | 13.68 | 78.980 | | |
| 3,000.00 | 2,874.74 | 2,824.10 | 2,824.03 | 16.76 | 1.16 | 37.30 | -139.70 | -1,688.54 | 1,051.23 | 1,036.87 | 14.37 | 73.178 | | |
| 3,100.00 | 2,967.71 | 2,917.18 | 2,917.10 | 17.52 | 1.20 | 38.57 | -138.64 | -1,689.05 | 1,022.13 | 1,007.05 | 15.07 | 67.819 | | |
| 3,200.00 | 3,060.68 | 3,010.03 | 3,009.94 | 18.27 | 1.23 | 39.91 | -137.59 | -1,689.55 | 993.53 | 977.73 | 15.80 | 62.870 | | |
| 3,300.00 | 3,153.65 | 3,101.54 | 3,101.44 | 19.03 | 1.26 | 41.31 | -136.41 | -1,690.09 | 965.58 | 949.02 | 16.56 | 58.292 | | |
| 3,400.00 | 3,246.61 | 3,196.83 | 3,196.73 | 19.78 | 1.29 | 42.83 | -135.35 | -1,690.66 | 938.20 | 920.85 | 17.35 | 54.082 | | |
| 3,500.00 | 3,339.58 | 3,293.34 | 3,293.24 | 20.54 | 1.32 | 44.45 | -134.66 | -1,691.02 | 911.18 | 893.03 | 18.16 | 50.189 | | |
| 3,600.00 | 3,432.55 | 3,389.00 | 3,388.89 | 21.30 | 1.35 | 46.15 | -134.01 | -1,691.03 | 884.55 | 865.56 | 18.99 | 46.576 | | |
| 3,700.00 | 3,525.52 | 3,486.90 | 3,486.79 | 22.06 | 1.37 | 47.98 | -133.53 | -1,690.66 | 858.29 | 838.45 | 19.84 | 43.250 | | |
| 3,800.00 | 3,618.49 | 3,579.25 | 3,579.13 | 22.82 | 1.39 | 49.80 | -133.46 | -1,690.13 | 832.57 | 811.83 | 20.74 | 40.147 | | |
| 3,900.00 | 3,711.45 | 3,673.20 | 3,673.08 | 23.57 | 1.40 | 51.74 | -133.51 | -1,689.67 | 807.78 | 786.12 | 21.66 | 37.296 | | |
| 4,000.00 | 3,804.42 | 3,765.95 | 3,765.83 | 24.33 | 1.41 | 53.77 | -133.52 | -1,689.06 | 783.85 | 761.23 | 22.61 | 34.662 | | |
| 4,100.00 | 3,897.39 | 3,858.74 | 3,858.62 | 25.09 | 1.43 | 55.93 | -133.39 | -1,688.43 | 761.05 | 737.44 | 23.61 | 32.238 | | |
| 4,200.00 | 3,990.36 | 3,951.00 | 3,950.88 | 25.86 | 1.44 | 58.19 | -133.39 | -1,687.85 | 739.43 | 714.80 | 24.62 | 30.029 | | |
| 4,300.00 | 4,083.32 | 4,043.24 | 4,043.12 | 26.62 | 1.46 | 60.56 | -133.30 | -1,687.36 | 719.21 | 693.54 | 25.67 | 28.018 | | |
| 4,400.00 | 4,176.29 | 4,134.91 | 4,134.79 | 27.38 | 1.48 | 63.04 | -133.09 | -1,686.81 | 700.43 | 673.70 | 26.74 | 26.195 | | |
| 4,500.00 | 4,269.26 | 4,226.00 | 4,225.87 | 28.14 | 1.50 | 65.60 | -132.91 | -1,686.67 | 683.49 | 655.67 | 27.82 | 24.566 | | |
| 4,600.00 | 4,362.23 | 4,320.04 | 4,319.91 | 28.90 | 1.52 | 68.36 | -132.74 | -1,686.47 | 668.12 | 639.22 | 28.91 | 23.112 | | |
| 4,700.00 | 4,455.20 | 4,412.17 | 4,412.04 | 29.66 | 1.55 | 71.18 | -132.45 | -1,686.15 | 654.50 | 624.50 | 30.00 | 21.818 | | |
| 4,800.00 | 4,548.16 | 4,504.00 | 4,503.86 | 30.43 | 1.58 | 74.14 | -131.63 | -1,685.45 | 642.88 | 611.79 | 31.08 | 20.684 | | |
| 4,900.00 | 4,641.13 | 4,596.00 | 4,595.86 | 31.19 | 1.61 | 77.20 | -130.65 | -1,684.73 | 633.42 | 601.28 | 32.14 | 19.709 | | |
| 5,000.00 | 4,734.10 | 4,678.12 | 4,677.96 | 31.95 | 1.63 | 79.96 | -129.47 | -1,684.80 | 626.88 | 593.72 | 33.16 | 18.907 | | |
| 5,100.00 | 4,827.07 | 4,766.93 | 4,766.75 | 32.71 | 1.65 | 82.95 | -127.41 | -1,685.88 | 623.76 | 589.64 | 34.12 | 18.283 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,186.95 | 4,907.90 | 4,847.73 | 4,847.52 | 33.38 | 1.67 | 85.65 | -125.58 | -1,687.25 | 622.97 | 588.07 | 34.90 | 17.850 | CC | |
| 5,200.00 | 4,920.04 | 4,859.98 | 4,859.76 | 33.48 | 1.68 | 86.06 | -125.30 | -1,687.46 | 622.99 | 587.97 | 35.01 | 17.793 | ES | |
| 5,300.00 | 5,013.00 | 4,954.01 | 4,953.76 | 34.24 | 1.70 | 89.21 | -123.26 | -1,689.02 | 624.26 | 588.41 | 35.84 | 17.417 | | |
| 5,400.00 | 5,105.97 | 5,047.02 | 5,046.74 | 35.00 | 1.73 | 92.28 | -121.46 | -1,690.78 | 627.51 | 590.92 | 36.59 | 17.148 | | |
| 5,500.00 | 5,198.94 | 5,139.45 | 5,139.12 | 35.77 | 1.75 | 95.30 | -119.47 | -1,692.45 | 632.98 | 595.72 | 37.27 | 16.985 | | |
| 5,600.00 | 5,291.91 | 5,232.90 | 5,232.54 | 36.53 | 1.78 | 98.31 | -117.41 | -1,694.00 | 640.47 | 602.60 | 37.87 | 16.914 | SF | |
| 5,700.00 | 5,384.87 | 5,326.50 | 5,326.11 | 37.29 | 1.80 | 101.32 | -115.23 | -1,694.96 | 649.90 | 611.52 | 38.38 | 16.932 | | |
| 5,800.00 | 5,477.84 | 5,422.30 | 5,421.88 | 38.06 | 1.83 | 104.29 | -113.26 | -1,695.96 | 661.02 | 622.19 | 38.83 | 17.022 | | |
| 5,900.00 | 5,570.81 | 5,519.50 | 5,519.07 | 38.82 | 1.86 | 107.22 | -111.84 | -1,696.92 | 673.42 | 634.20 | 39.22 | 17.170 | | |
| 6,000.00 | 5,663.78 | 5,613.75 | 5,613.31 | 39.59 | 1.88 | 109.94 | -110.84 | -1,698.02 | 687.18 | 647.64 | 39.54 | 17.378 | | |
| 6,100.00 | 5,756.75 | 5,705.56 | 5,705.11 | 40.35 | 1.90 | 112.50 | -109.80 | -1,698.98 | 702.63 | 662.82 | 39.80 | 17.654 | | |
| 6,200.00 | 5,849.71 | 5,804.72 | 5,804.25 | 41.12 | 1.93 | 115.16 | -109.03 | -1,699.86 | 719.26 | 679.23 | 40.03 | 17.967 | | |
| 6,300.00 | 5,942.68 | 5,898.85 | 5,898.38 | 41.88 | 1.94 | 117.57 | -108.72 | -1,700.86 | 736.88 | 696.68 | 40.21 | 18.326 | | |
| 6,400.00 | 6,035.65 | 5,996.64 | 5,996.16 | 42.64 | 1.96 | 119.94 | -108.75 | -1,702.14 | 755.47 | 715.10 | 40.36 | 18.716 | | |
| 6,500.00 | 6,128.62 | 6,090.65 | 6,090.16 | 43.41 | 1.96 | 122.11 | -109.08 | -1,703.59 | 774.93 | 734.45 | 40.48 | 19.142 | | |
| 6,600.00 | 6,221.59 | 6,188.37 | 6,187.87 | 44.17 | 1.97 | 124.25 | -109.67 | -1,705.18 | 795.24 | 754.65 | 40.59 | 19.590 | | |
| 6,700.00 | 6,314.55 | 6,284.72 | 6,284.20 | 44.94 | 1.97 | 126.27 | -110.74 | -1,706.59 | 816.14 | 775.46 | 40.68 | 20.062 | | |
| 6,800.00 | 6,407.52 | 6,378.74 | 6,378.20 | 45.70 | 1.97 | 128.18 | -112.03 | -1,707.73 | 837.81 | 797.07 | 40.74 | 20.563 | | |
| 6,900.00 | 6,499.98 | 6,473.81 | 6,473.26 | 46.49 | 1.97 | 125.04 | -113.46 | -1,708.76 | 860.59 | 819.80 | 40.80 | 21.095 | | |
| 7,000.00 | 6,586.50 | 6,563.84 | 6,563.27 | 47.49 | 1.97 | 118.78 | -115.03 | -1,709.95 | 887.21 | 846.43 | 40.78 | 21.758 | | |
| 7,100.00 | 6,663.58 | 6,642.38 | 6,641.79 | 48.75 | 1.97 | 115.07 | -116.59 | -1,710.98 | 919.39 | 878.74 | 40.65 | 22.617 | | |
| 7,200.00 | 6,728.87 | 6,707.36 | 6,706.75 | 50.23 | 1.96 | 111.89 | -117.91 | -1,711.62 | 958.45 | 918.04 | 40.41 | 23.720 | | |
| 7,300.00 | 6,780.38 | 6,757.11 | 6,756.48 | 51.91 | 1.96 | 108.09 | -118.83 | -1,712.02 | 1,005.04 | 964.98 | 40.06 | 25.091 | | |
| 7,400.00 | 6,816.56 | 6,792.36 | 6,791.73 | 53.74 | 1.96 | 103.07 | -119.41 | -1,712.30 | 1,058.93 | 1,019.30 | 39.62 | 26.726 | | |
| 7,500.00 | 6,836.29 | 6,813.31 | 6,812.68 | 55.65 | 1.96 | 96.52 | -119.73 | -1,712.47 | 1,119.04 | 1,079.91 | 39.13 | 28.600 | | |
| 7,600.00 | 6,840.00 | 6,818.10 | 6,817.46 | 57.58 | 1.96 | 91.33 | -119.81 | -1,712.51 | 1,183.70 | 1,145.12 | 38.58 | 30.680 | | |
| 7,700.00 | 6,840.00 | 6,818.93 | 6,818.30 | 59.56 | 1.96 | 91.39 | -119.82 | -1,712.51 | 1,252.70 | 1,214.62 | 38.07 | 32.902 | | |
| 7,800.00 | 6,840.00 | 6,819.77 | 6,819.14 | 61.60 | 1.96 | 91.44 | -119.84 | -1,712.52 | 1,325.65 | 1,288.03 | 37.62 | 35.236 | | |
| 7,900.00 | 6,840.00 | 6,820.61 | 6,819.98 | 63.69 | 1.96 | 91.49 | -119.85 | -1,712.53 | 1,401.95 | 1,364.72 | 37.23 | 37.658 | | |
| 8,000.00 | 6,840.00 | 6,821.45 | 6,820.82 | 65.82 | 1.96 | 91.55 | -119.87 | -1,712.53 | 1,481.07 | 1,444.18 | 36.89 | 40.153 | | |
| 8,100.00 | 6,840.00 | 6,822.29 | 6,821.66 | 67.99 | 1.96 | 91.60 | -119.88 | -1,712.54 | 1,562.58 | 1,525.99 | 36.59 | 42.706 | | |
| 8,200.00 | 6,840.00 | 6,823.13 | 6,822.50 | 70.21 | 1.96 | 91.66 | -119.89 | -1,712.55 | 1,646.14 | 1,609.80 | 36.34 | 45.304 | | |
| 8,300.00 | 6,840.00 | 6,823.98 | 6,823.34 | 72.45 | 1.96 | 91.71 | -119.91 | -1,712.55 | 1,731.43 | 1,695.32 | 36.12 | 47.939 | | |
| 8,400.00 | 6,840.00 | 6,824.82 | 6,824.19 | 74.73 | 1.96 | 91.77 | -119.92 | -1,712.56 | 1,818.23 | 1,782.30 | 35.93 | 50.603 | | |
| 8,500.00 | 6,840.00 | 6,825.67 | 6,825.04 | 77.04 | 1.96 | 91.82 | -119.93 | -1,712.57 | 1,906.32 | 1,870.55 | 35.77 | 53.290 | | |
| 8,600.00 | 6,840.00 | 6,826.52 | 6,825.88 | 79.38 | 1.96 | 91.88 | -119.95 | -1,712.57 | 1,995.53 | 1,959.89 | 35.64 | 55.995 | | |
| 8,700.00 | 6,840.00 | 6,827.37 | 6,826.73 | 81.74 | 1.96 | 91.93 | -119.96 | -1,712.58 | 2,085.72 | 2,050.20 | 35.52 | 58.715 | | |
| 8,800.00 | 6,840.00 | 6,828.22 | 6,827.59 | 84.12 | 1.96 | 91.99 | -119.98 | -1,712.59 | 2,176.77 | 2,141.34 | 35.43 | 61.445 | | |
| 8,900.00 | 6,840.00 | 6,829.07 | 6,828.44 | 86.52 | 1.96 | 92.04 | -119.99 | -1,712.59 | 2,268.57 | 2,233.23 | 35.34 | 64.184 | | |
| 9,000.00 | 6,840.00 | 6,829.93 | 6,829.29 | 88.94 | 1.96 | 92.10 | -120.01 | -1,712.60 | 2,361.04 | 2,325.76 | 35.28 | 66.928 | | |
| 9,100.00 | 6,840.00 | 6,830.78 | 6,830.15 | 91.38 | 1.96 | 92.16 | -120.02 | -1,712.61 | 2,454.10 | 2,418.88 | 35.22 | 69.677 | | |
| 9,200.00 | 6,840.00 | 6,831.64 | 6,831.00 | 93.83 | 1.96 | 92.21 | -120.03 | -1,712.61 | 2,547.68 | 2,512.51 | 35.18 | 72.428 | | |
| 9,300.00 | 6,840.00 | 6,832.50 | 6,831.86 | 96.30 | 1.96 | 92.27 | -120.05 | -1,712.62 | 2,641.74 | 2,606.60 | 35.14 | 75.180 | | |
| 9,400.00 | 6,840.00 | 6,833.36 | 6,832.72 | 98.79 | 1.96 | 92.32 | -120.06 | -1,712.63 | 2,736.21 | 2,701.10 | 35.11 | 77.932 | | |
| 9,500.00 | 6,840.00 | 6,834.22 | 6,833.58 | 101.28 | 1.96 | 92.38 | -120.08 | -1,712.63 | 2,831.07 | 2,795.98 | 35.09 | 80.683 | | |
| 9,600.00 | 6,840.00 | 6,835.08 | 6,834.45 | 103.79 | 1.96 | 92.44 | -120.09 | -1,712.64 | 2,926.26 | 2,891.19 | 35.07 | 83.432 | | |
| 9,700.00 | 6,840.00 | 6,835.95 | 6,835.31 | 106.30 | 1.96 | 92.49 | -120.11 | -1,712.65 | 3,021.77 | 2,986.71 | 35.06 | 86.178 | | |
| 9,800.00 | 6,840.00 | 6,836.81 | 6,836.18 | 108.83 | 1.96 | 92.55 | -120.12 | -1,712.66 | 3,117.56 | 3,082.50 | 35.06 | 88.921 | | |
| 9,900.00 | 6,840.00 | 6,837.68 | 6,837.05 | 111.37 | 1.96 | 92.60 | -120.14 | -1,712.66 | 3,213.60 | 3,178.54 | 35.06 | 91.660 | | |
| 10,000.00 | 6,840.00 | 6,838.55 | 6,837.91 | 113.91 | 1.96 | 92.66 | -120.15 | -1,712.67 | 3,309.88 | 3,274.82 | 35.06 | 94.395 | | |
| 10,100.00 | 6,840.00 | 6,839.42 | 6,838.78 | 116.47 | 1.96 | 92.72 | -120.17 | -1,712.68 | 3,406.38 | 3,371.30 | 35.07 | 97.125 | | |
| 10,200.00 | 6,840.00 | 6,840.29 | 6,839.66 | 119.03 | 1.96 | 92.77 | -120.18 | -1,712.68 | 3,503.07 | 3,467.98 | 35.08 | 99.849 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: 0.00 usft | |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|------------------------------|---------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: 0.00 usft | |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,841.17 | 6,840.53 | 121.59 | 1.96 | 92.83 | -120.20 | -1,712.69 | 3,599.94 | 3,564.84 | 35.10 | 102.567 | | |
| 10,400.00 | 6,840.00 | 6,842.04 | 6,841.40 | 124.17 | 1.96 | 92.89 | -120.21 | -1,712.70 | 3,696.97 | 3,661.86 | 35.12 | 105.280 | | |
| 10,500.00 | 6,840.00 | 6,842.92 | 6,842.28 | 126.75 | 1.96 | 92.94 | -120.23 | -1,712.71 | 3,794.16 | 3,759.03 | 35.14 | 107.986 | | |
| 10,600.00 | 6,840.00 | 6,843.80 | 6,843.16 | 129.34 | 1.96 | 93.00 | -120.25 | -1,712.71 | 3,891.50 | 3,856.34 | 35.16 | 110.685 | | |
| 10,700.00 | 6,840.00 | 6,844.67 | 6,844.04 | 131.93 | 1.96 | 93.06 | -120.26 | -1,712.72 | 3,988.96 | 3,953.78 | 35.18 | 113.377 | | |
| 10,800.00 | 6,840.00 | 6,845.56 | 6,844.92 | 134.53 | 1.96 | 93.12 | -120.28 | -1,712.73 | 4,086.55 | 4,051.34 | 35.21 | 116.062 | | |
| 10,900.00 | 6,840.00 | 6,846.44 | 6,845.80 | 137.13 | 1.96 | 93.17 | -120.29 | -1,712.73 | 4,184.25 | 4,149.01 | 35.24 | 118.739 | | |
| 11,000.00 | 6,840.00 | 6,847.32 | 6,846.68 | 139.73 | 1.96 | 93.23 | -120.31 | -1,712.74 | 4,282.06 | 4,246.79 | 35.27 | 121.409 | | |
| 11,100.00 | 6,840.00 | 6,848.21 | 6,847.57 | 142.35 | 1.96 | 93.29 | -120.32 | -1,712.75 | 4,379.96 | 4,344.66 | 35.30 | 124.071 | | |
| 11,200.00 | 6,840.00 | 6,849.09 | 6,848.46 | 144.96 | 1.96 | 93.35 | -120.34 | -1,712.76 | 4,477.96 | 4,442.62 | 35.34 | 126.724 | | |
| 11,300.00 | 6,840.00 | 6,849.98 | 6,849.34 | 147.58 | 1.96 | 93.40 | -120.36 | -1,712.76 | 4,576.04 | 4,540.67 | 35.37 | 129.369 | | |
| 11,400.00 | 6,840.00 | 6,850.87 | 6,850.23 | 150.20 | 1.96 | 93.46 | -120.37 | -1,712.77 | 4,674.21 | 4,638.80 | 35.41 | 132.006 | | |
| 11,500.00 | 6,840.00 | 6,851.76 | 6,851.13 | 152.83 | 1.96 | 93.52 | -120.39 | -1,712.78 | 4,772.45 | 4,737.00 | 35.45 | 134.634 | | |
| 11,600.00 | 6,840.00 | 6,852.66 | 6,852.02 | 155.46 | 1.96 | 93.58 | -120.41 | -1,712.78 | 4,870.76 | 4,835.28 | 35.49 | 137.253 | | |
| 11,700.00 | 6,840.00 | 6,853.55 | 6,852.91 | 158.09 | 1.96 | 93.63 | -120.42 | -1,712.79 | 4,969.14 | 4,933.62 | 35.53 | 139.864 | | |
| 11,800.00 | 6,840.00 | 6,854.45 | 6,853.81 | 160.73 | 1.96 | 93.69 | -120.44 | -1,712.80 | 5,067.59 | 5,032.02 | 35.57 | 142.465 | | |
| 11,900.00 | 6,840.00 | 6,855.35 | 6,854.71 | 163.36 | 1.96 | 93.75 | -120.45 | -1,712.81 | 5,166.09 | 5,130.48 | 35.61 | 145.057 | | |
| 12,000.00 | 6,840.00 | 6,856.25 | 6,855.61 | 166.01 | 1.96 | 93.81 | -120.47 | -1,712.81 | 5,264.65 | 5,228.99 | 35.66 | 147.639 | | |
| 12,100.00 | 6,840.00 | 6,857.15 | 6,856.51 | 168.65 | 1.96 | 93.87 | -120.49 | -1,712.82 | 5,363.26 | 5,327.56 | 35.70 | 150.212 | | |
| 12,200.00 | 6,840.00 | 6,858.05 | 6,857.41 | 171.30 | 1.96 | 93.93 | -120.50 | -1,712.83 | 5,461.93 | 5,426.17 | 35.75 | 152.776 | | |
| 12,300.00 | 6,840.00 | 6,858.95 | 6,858.31 | 173.94 | 1.96 | 93.99 | -120.52 | -1,712.84 | 5,560.64 | 5,524.84 | 35.80 | 155.329 | | |
| 12,400.00 | 6,840.00 | 6,859.86 | 6,859.22 | 176.59 | 1.96 | 94.04 | -120.54 | -1,712.84 | 5,659.39 | 5,623.54 | 35.85 | 157.873 | | |
| 12,500.00 | 6,840.00 | 6,860.77 | 6,860.13 | 179.25 | 1.96 | 94.10 | -120.56 | -1,712.85 | 5,758.19 | 5,722.29 | 35.90 | 160.407 | | |
| 12,600.00 | 6,840.00 | 6,861.68 | 6,861.03 | 181.90 | 1.96 | 94.16 | -120.57 | -1,712.86 | 5,857.03 | 5,821.08 | 35.95 | 162.931 | | |
| 12,700.00 | 6,840.00 | 6,862.59 | 6,861.94 | 184.56 | 1.96 | 94.22 | -120.59 | -1,712.87 | 5,955.91 | 5,919.91 | 36.00 | 165.445 | | |
| 12,800.00 | 6,840.00 | 6,863.50 | 6,862.86 | 187.22 | 1.96 | 94.28 | -120.61 | -1,712.87 | 6,054.82 | 6,018.77 | 36.05 | 167.948 | | |
| 12,900.00 | 6,840.00 | 6,864.41 | 6,863.77 | 189.88 | 1.96 | 94.34 | -120.62 | -1,712.88 | 6,153.77 | 6,117.67 | 36.10 | 170.441 | | |
| 13,000.00 | 6,840.00 | 6,865.33 | 6,864.69 | 192.54 | 1.96 | 94.40 | -120.64 | -1,712.89 | 6,252.75 | 6,216.59 | 36.16 | 172.924 | | |
| 13,100.00 | 6,840.00 | 6,866.24 | 6,865.60 | 195.20 | 1.96 | 94.46 | -120.66 | -1,712.90 | 6,351.77 | 6,315.55 | 36.21 | 175.397 | | |
| 13,200.00 | 6,840.00 | 6,867.16 | 6,866.52 | 197.87 | 1.96 | 94.52 | -120.68 | -1,712.90 | 6,450.81 | 6,414.54 | 36.27 | 177.858 | | |
| 13,300.00 | 6,840.00 | 6,868.08 | 6,867.44 | 200.53 | 1.96 | 94.58 | -120.69 | -1,712.91 | 6,549.89 | 6,513.56 | 36.33 | 180.310 | | |
| 13,400.00 | 6,840.00 | 6,869.00 | 6,868.36 | 203.20 | 1.96 | 94.64 | -120.71 | -1,712.92 | 6,648.99 | 6,612.61 | 36.38 | 182.750 | | |
| 13,500.00 | 6,840.00 | 6,869.93 | 6,869.28 | 205.87 | 1.96 | 94.70 | -120.73 | -1,712.93 | 6,748.12 | 6,711.67 | 36.44 | 185.180 | | |
| 13,600.00 | 6,840.00 | 6,870.85 | 6,870.21 | 208.54 | 1.96 | 94.76 | -120.75 | -1,712.94 | 6,847.27 | 6,810.77 | 36.50 | 187.599 | | |
| 13,700.00 | 6,840.00 | 6,871.78 | 6,871.14 | 211.22 | 1.96 | 94.82 | -120.77 | -1,712.94 | 6,946.45 | 6,909.89 | 36.56 | 190.008 | | |
| 13,800.00 | 6,840.00 | 6,872.71 | 6,872.06 | 213.89 | 1.96 | 94.88 | -120.78 | -1,712.95 | 7,045.65 | 7,009.03 | 36.62 | 192.405 | | |
| 13,900.00 | 6,840.00 | 6,873.64 | 6,872.99 | 216.56 | 1.96 | 94.94 | -120.80 | -1,712.96 | 7,144.87 | 7,108.19 | 36.68 | 194.792 | | |
| 14,000.00 | 6,840.00 | 6,874.57 | 6,873.92 | 219.24 | 1.96 | 95.00 | -120.82 | -1,712.97 | 7,244.11 | 7,207.37 | 36.74 | 197.167 | | |
| 14,100.00 | 6,840.00 | 6,875.50 | 6,874.86 | 221.92 | 1.96 | 95.06 | -120.84 | -1,712.97 | 7,343.38 | 7,306.57 | 36.80 | 199.532 | | |
| 14,200.00 | 6,840.00 | 6,876.44 | 6,875.79 | 224.59 | 1.96 | 95.12 | -120.86 | -1,712.98 | 7,442.66 | 7,405.79 | 36.87 | 201.885 | | |
| 14,300.00 | 6,840.00 | 6,877.37 | 6,876.73 | 227.27 | 1.96 | 95.18 | -120.88 | -1,712.99 | 7,541.96 | 7,505.03 | 36.93 | 204.227 | | |
| 14,400.00 | 6,840.00 | 6,878.31 | 6,877.67 | 229.95 | 1.96 | 95.24 | -120.89 | -1,713.00 | 7,641.28 | 7,604.29 | 36.99 | 206.558 | | |
| 14,500.00 | 6,840.00 | 6,879.25 | 6,878.61 | 232.63 | 1.96 | 95.30 | -120.91 | -1,713.01 | 7,740.62 | 7,703.56 | 37.06 | 208.878 | | |
| 14,600.00 | 6,840.00 | 6,880.19 | 6,879.55 | 235.31 | 1.96 | 95.36 | -120.93 | -1,713.01 | 7,839.98 | 7,802.85 | 37.12 | 211.187 | | |
| 14,700.00 | 6,840.00 | 6,881.13 | 6,880.49 | 238.00 | 1.96 | 95.42 | -120.95 | -1,713.02 | 7,939.35 | 7,902.16 | 37.19 | 213.484 | | |
| 14,800.00 | 6,840.00 | 6,882.08 | 6,881.43 | 240.68 | 1.96 | 95.48 | -120.97 | -1,713.03 | 8,038.73 | 8,001.48 | 37.26 | 215.771 | | |
| 14,900.00 | 6,840.00 | 6,883.03 | 6,882.38 | 243.36 | 1.96 | 95.54 | -120.99 | -1,713.04 | 8,138.14 | 8,100.81 | 37.32 | 218.046 | | |
| 15,000.00 | 6,840.00 | 6,883.97 | 6,883.33 | 246.05 | 1.96 | 95.61 | -121.01 | -1,713.05 | 8,237.55 | 8,200.16 | 37.39 | 220.309 | | |
| 15,100.00 | 6,840.00 | 6,884.92 | 6,884.28 | 248.74 | 1.96 | 95.67 | -121.03 | -1,713.05 | 8,336.98 | 8,299.52 | 37.46 | 222.561 | | |
| 15,200.00 | 6,840.00 | 6,885.88 | 6,885.23 | 251.42 | 1.96 | 95.73 | -121.05 | -1,713.06 | 8,436.42 | 8,398.90 | 37.53 | 224.802 | | |
| 15,300.00 | 6,840.00 | 6,886.83 | 6,886.18 | 254.11 | 1.96 | 95.79 | -121.07 | -1,713.07 | 8,535.88 | 8,498.28 | 37.60 | 227.032 | | |
| 15,400.00 | 6,840.00 | 6,887.78 | 6,887.14 | 256.80 | 1.96 | 95.85 | -121.09 | -1,713.08 | 8,635.35 | 8,597.68 | 37.67 | 229.250 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 15,500.00 | 6,840.00 | 6,888.74 | 6,888.09 | 259.49 | 1.96 | 95.91 | -121.10 | -1,713.09 | 8,734.83 | 8,697.09 | 37.74 | 231.456 | |
| 15,600.00 | 6,840.00 | 6,889.70 | 6,889.05 | 262.17 | 1.96 | 95.98 | -121.12 | -1,713.09 | 8,834.32 | 8,796.51 | 37.81 | 233.652 | |
| 15,700.00 | 6,840.00 | 6,890.66 | 6,890.01 | 264.86 | 1.96 | 96.04 | -121.14 | -1,713.10 | 8,933.82 | 8,895.94 | 37.88 | 235.836 | |
| 15,800.00 | 6,840.00 | 6,891.62 | 6,890.97 | 267.55 | 1.96 | 96.10 | -121.16 | -1,713.11 | 9,033.34 | 8,995.38 | 37.95 | 238.008 | |
| 15,900.00 | 6,840.00 | 6,892.58 | 6,891.94 | 270.25 | 1.96 | 96.16 | -121.18 | -1,713.12 | 9,132.86 | 9,094.84 | 38.03 | 240.169 | |
| 16,000.00 | 6,840.00 | 6,893.55 | 6,892.90 | 272.94 | 1.96 | 96.22 | -121.20 | -1,713.13 | 9,232.40 | 9,194.30 | 38.10 | 242.318 | |
| 16,100.00 | 6,840.00 | 6,894.52 | 6,893.87 | 275.63 | 1.96 | 96.29 | -121.22 | -1,713.14 | 9,331.94 | 9,293.77 | 38.17 | 244.456 | |
| 16,200.00 | 6,840.00 | 6,895.48 | 6,894.84 | 278.32 | 1.96 | 96.35 | -121.24 | -1,713.14 | 9,431.50 | 9,393.25 | 38.25 | 246.583 | |
| 16,300.00 | 6,840.00 | 6,896.46 | 6,895.81 | 281.02 | 1.96 | 96.41 | -121.26 | -1,713.15 | 9,531.06 | 9,492.74 | 38.32 | 248.698 | |
| 16,400.00 | 6,840.00 | 6,897.43 | 6,896.78 | 283.71 | 1.96 | 96.47 | -121.29 | -1,713.16 | 9,630.63 | 9,592.23 | 38.40 | 250.802 | |
| 16,500.00 | 6,840.00 | 6,898.40 | 6,897.75 | 286.40 | 1.96 | 96.54 | -121.31 | -1,713.17 | 9,730.21 | 9,691.74 | 38.48 | 252.894 | |
| 16,600.00 | 6,840.00 | 6,899.38 | 6,898.73 | 289.10 | 1.96 | 96.60 | -121.33 | -1,713.18 | 9,829.80 | 9,791.25 | 38.55 | 254.975 | |
| 16,700.00 | 6,840.00 | 6,900.41 | 6,899.76 | 291.79 | 1.96 | 96.67 | -121.35 | -1,713.19 | 9,929.40 | 9,890.77 | 38.63 | 257.043 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -129.52 | -1,416.00 | -1,716.27 | 2,225.17 | | | | | |
| 100.00 | 100.00 | 79.40 | 79.39 | 0.13 | 0.08 | -129.53 | -1,416.09 | -1,716.05 | 2,224.90 | 2,224.69 | 0.21 | N/A | | |
| 200.00 | 200.00 | 191.35 | 191.34 | 0.49 | 0.22 | -129.55 | -1,416.26 | -1,715.12 | 2,224.36 | 2,223.65 | 0.71 | 3,145.404 | | |
| 300.00 | 300.00 | 304.10 | 304.09 | 0.85 | 0.31 | -129.56 | -1,415.70 | -1,713.96 | 2,223.25 | 2,222.09 | 1.16 | 1,916.039 | | |
| 400.00 | 400.00 | 402.36 | 402.34 | 1.21 | 0.38 | -129.55 | -1,414.73 | -1,713.05 | 2,221.90 | 2,220.31 | 1.59 | 1,399.242 | | |
| 500.00 | 500.00 | 507.81 | 507.78 | 1.57 | 0.45 | -129.54 | -1,413.50 | -1,712.09 | 2,220.46 | 2,218.45 | 2.01 | 1,103.490 | | |
| 600.00 | 599.98 | 601.28 | 601.23 | 1.92 | 0.49 | -13.76 | -1,412.19 | -1,711.48 | 2,217.37 | 2,214.96 | 2.41 | 920.230 | | |
| 700.00 | 699.84 | 706.42 | 706.36 | 2.26 | 0.55 | -13.80 | -1,410.52 | -1,710.95 | 2,210.89 | 2,208.08 | 2.81 | 787.313 | | |
| 800.00 | 799.45 | 799.04 | 798.97 | 2.62 | 0.59 | -13.87 | -1,409.10 | -1,710.51 | 2,201.09 | 2,197.88 | 3.20 | 687.215 | | |
| 900.00 | 898.70 | 896.36 | 896.28 | 2.99 | 0.64 | -13.99 | -1,407.70 | -1,710.20 | 2,188.10 | 2,184.50 | 3.60 | 607.409 | | |
| 1,000.00 | 997.47 | 986.11 | 986.02 | 3.39 | 0.68 | -14.13 | -1,406.51 | -1,710.11 | 2,172.00 | 2,168.00 | 4.00 | 543.146 | | |
| 1,100.00 | 1,095.62 | 1,082.97 | 1,082.88 | 3.81 | 0.72 | -14.33 | -1,405.44 | -1,710.17 | 2,152.84 | 2,148.43 | 4.40 | 489.067 | | |
| 1,200.00 | 1,193.06 | 1,178.57 | 1,178.47 | 4.27 | 0.75 | -14.57 | -1,404.53 | -1,710.14 | 2,130.40 | 2,125.59 | 4.81 | 443.027 | | |
| 1,300.00 | 1,289.64 | 1,272.61 | 1,272.51 | 4.77 | 0.79 | -14.86 | -1,403.69 | -1,710.20 | 2,104.80 | 2,099.59 | 5.22 | 403.279 | | |
| 1,400.00 | 1,385.27 | 1,365.84 | 1,365.73 | 5.31 | 0.83 | -15.20 | -1,403.03 | -1,710.25 | 2,076.09 | 2,070.46 | 5.64 | 368.397 | | |
| 1,500.00 | 1,479.82 | 1,453.20 | 1,453.10 | 5.91 | 0.86 | -15.59 | -1,402.65 | -1,710.31 | 2,044.37 | 2,038.32 | 6.05 | 337.893 | | |
| 1,600.00 | 1,573.19 | 1,542.63 | 1,542.52 | 6.55 | 0.88 | -16.00 | -1,402.30 | -1,710.81 | 2,009.93 | 2,003.46 | 6.47 | 310.515 | | |
| 1,700.00 | 1,666.16 | 1,637.58 | 1,637.47 | 7.23 | 0.91 | -16.29 | -1,402.08 | -1,711.14 | 1,974.47 | 1,967.58 | 6.89 | 286.514 | | |
| 1,800.00 | 1,759.13 | 1,730.18 | 1,730.07 | 7.93 | 0.93 | -16.58 | -1,401.87 | -1,711.43 | 1,939.03 | 1,931.71 | 7.32 | 264.962 | | |
| 1,900.00 | 1,852.10 | 1,824.23 | 1,824.11 | 8.64 | 0.96 | -16.88 | -1,401.56 | -1,711.86 | 1,903.67 | 1,895.91 | 7.75 | 245.569 | | |
| 2,000.00 | 1,945.06 | 1,925.82 | 1,925.70 | 9.35 | 0.99 | -17.22 | -1,401.02 | -1,712.11 | 1,868.08 | 1,859.89 | 8.19 | 228.021 | | |
| 2,100.00 | 2,038.03 | 2,025.94 | 2,025.82 | 10.08 | 1.03 | -17.57 | -1,400.25 | -1,711.93 | 1,832.10 | 1,823.45 | 8.64 | 211.933 | | |
| 2,200.00 | 2,131.00 | 2,123.52 | 2,123.40 | 10.81 | 1.07 | -17.92 | -1,399.21 | -1,711.72 | 1,795.97 | 1,786.87 | 9.10 | 197.259 | | |
| 2,300.00 | 2,223.97 | 2,227.21 | 2,227.06 | 11.54 | 1.10 | -18.29 | -1,397.26 | -1,711.41 | 1,759.31 | 1,749.74 | 9.57 | 183.930 | | |
| 2,400.00 | 2,316.94 | 2,319.29 | 2,319.13 | 12.28 | 1.14 | -18.63 | -1,395.42 | -1,711.03 | 1,722.57 | 1,712.53 | 10.04 | 171.634 | | |
| 2,500.00 | 2,409.90 | 2,417.25 | 2,417.07 | 13.02 | 1.17 | -19.02 | -1,393.54 | -1,710.24 | 1,685.66 | 1,675.15 | 10.51 | 160.386 | | |
| 2,600.00 | 2,502.87 | 2,506.62 | 2,506.42 | 13.77 | 1.20 | -19.41 | -1,392.14 | -1,709.18 | 1,648.79 | 1,637.79 | 11.00 | 149.925 | | |
| 2,700.00 | 2,595.84 | 2,593.98 | 2,593.77 | 14.51 | 1.23 | -19.83 | -1,391.33 | -1,707.90 | 1,612.23 | 1,600.73 | 11.49 | 140.272 | | |
| 2,800.00 | 2,688.81 | 2,687.36 | 2,687.13 | 15.26 | 1.25 | -20.31 | -1,390.76 | -1,706.41 | 1,575.87 | 1,563.88 | 11.99 | 131.404 | | |
| 2,900.00 | 2,781.77 | 2,776.53 | 2,776.29 | 16.01 | 1.28 | -20.78 | -1,390.15 | -1,705.11 | 1,539.65 | 1,527.15 | 12.50 | 123.139 | | |
| 3,000.00 | 2,874.74 | 2,865.38 | 2,865.13 | 16.76 | 1.30 | -21.28 | -1,389.70 | -1,703.95 | 1,503.76 | 1,490.74 | 13.02 | 115.476 | | |
| 3,100.00 | 2,967.71 | 2,953.51 | 2,953.26 | 17.52 | 1.33 | -21.80 | -1,389.48 | -1,702.88 | 1,468.22 | 1,454.67 | 13.55 | 108.353 | | |
| 3,200.00 | 3,060.68 | 3,041.61 | 3,041.36 | 18.27 | 1.35 | -22.33 | -1,389.41 | -1,702.08 | 1,433.09 | 1,419.01 | 14.09 | 101.744 | | |
| 3,300.00 | 3,153.65 | 3,128.94 | 3,128.68 | 19.03 | 1.36 | -22.89 | -1,389.61 | -1,701.38 | 1,398.39 | 1,383.76 | 14.63 | 95.604 | | |
| 3,400.00 | 3,246.61 | 3,215.02 | 3,214.75 | 19.78 | 1.37 | -23.48 | -1,390.19 | -1,700.93 | 1,364.29 | 1,349.12 | 15.17 | 89.906 | | |
| 3,500.00 | 3,339.58 | 3,306.78 | 3,306.51 | 20.54 | 1.37 | -24.13 | -1,391.05 | -1,700.54 | 1,330.61 | 1,314.89 | 15.72 | 84.640 | | |
| 3,600.00 | 3,432.55 | 3,402.43 | 3,402.16 | 21.30 | 1.38 | -24.85 | -1,391.98 | -1,700.00 | 1,297.03 | 1,280.75 | 16.27 | 79.707 | | |
| 3,700.00 | 3,525.52 | 3,490.46 | 3,490.18 | 22.06 | 1.38 | -25.55 | -1,392.87 | -1,699.59 | 1,263.72 | 1,246.87 | 16.85 | 74.994 | | |
| 3,800.00 | 3,618.49 | 3,581.29 | 3,581.00 | 22.82 | 1.39 | -26.30 | -1,393.91 | -1,699.44 | 1,230.89 | 1,213.45 | 17.44 | 70.598 | | |
| 3,900.00 | 3,711.45 | 3,673.00 | 3,672.70 | 23.57 | 1.39 | -27.09 | -1,395.03 | -1,699.39 | 1,198.40 | 1,180.36 | 18.03 | 66.460 | | |
| 4,000.00 | 3,804.42 | 3,763.93 | 3,763.63 | 24.33 | 1.39 | -27.92 | -1,396.28 | -1,699.38 | 1,166.27 | 1,147.62 | 18.65 | 62.543 | | |
| 4,100.00 | 3,897.39 | 3,856.07 | 3,855.76 | 25.09 | 1.39 | -28.80 | -1,397.60 | -1,699.57 | 1,134.55 | 1,115.28 | 19.28 | 58.855 | | |
| 4,200.00 | 3,990.36 | 3,949.24 | 3,948.91 | 25.86 | 1.40 | -29.73 | -1,398.85 | -1,699.91 | 1,103.14 | 1,083.21 | 19.92 | 55.371 | | |
| 4,300.00 | 4,083.32 | 4,042.50 | 4,042.17 | 26.62 | 1.40 | -30.72 | -1,400.12 | -1,700.25 | 1,072.02 | 1,051.43 | 20.59 | 52.065 | | |
| 4,400.00 | 4,176.29 | 4,137.12 | 4,136.78 | 27.38 | 1.41 | -31.78 | -1,401.42 | -1,700.52 | 1,041.18 | 1,019.91 | 21.28 | 48.933 | | |
| 4,500.00 | 4,269.26 | 4,233.04 | 4,232.69 | 28.14 | 1.41 | -32.92 | -1,402.56 | -1,700.64 | 1,010.47 | 988.48 | 21.99 | 45.955 | | |
| 4,600.00 | 4,362.23 | 4,328.03 | 4,327.68 | 28.90 | 1.42 | -34.11 | -1,403.43 | -1,700.80 | 979.93 | 957.21 | 22.73 | 43.118 | | |
| 4,700.00 | 4,455.20 | 4,423.91 | 4,423.56 | 29.66 | 1.42 | -35.35 | -1,403.92 | -1,701.21 | 949.60 | 926.12 | 23.49 | 40.431 | | |
| 4,800.00 | 4,548.16 | 4,522.57 | 4,522.21 | 30.43 | 1.43 | -36.69 | -1,403.81 | -1,701.86 | 919.32 | 895.05 | 24.27 | 37.884 | | |
| 4,900.00 | 4,641.13 | 4,623.91 | 4,623.55 | 31.19 | 1.44 | -38.12 | -1,402.64 | -1,702.65 | 888.67 | 863.60 | 25.07 | 35.451 | | |
| 5,000.00 | 4,734.10 | 4,720.12 | 4,719.73 | 31.95 | 1.46 | -39.54 | -1,400.78 | -1,703.49 | 857.89 | 831.97 | 25.92 | 33.095 | | |
| 5,100.00 | 4,827.07 | 4,812.65 | 4,812.24 | 32.71 | 1.48 | -41.01 | -1,398.86 | -1,704.32 | 827.50 | 800.67 | 26.83 | 30.842 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,904.83 | 4,904.40 | 33.48 | 1.50 | -42.56 | -1,396.94 | -1,705.30 | 797.74 | 769.96 | 27.78 | 28.715 | | |
| 5,300.00 | 5,013.00 | 4,995.57 | 4,995.10 | 34.24 | 1.52 | -44.18 | -1,395.17 | -1,706.45 | 768.77 | 739.99 | 28.78 | 26.711 | | |
| 5,400.00 | 5,105.97 | 5,085.87 | 5,085.39 | 35.00 | 1.54 | -45.91 | -1,393.69 | -1,707.68 | 740.78 | 710.95 | 29.83 | 24.832 | | |
| 5,500.00 | 5,198.94 | 5,178.26 | 5,177.76 | 35.77 | 1.55 | -47.82 | -1,392.45 | -1,708.90 | 713.81 | 682.88 | 30.93 | 23.081 | | |
| 5,600.00 | 5,291.91 | 5,269.47 | 5,268.95 | 36.53 | 1.57 | -49.84 | -1,391.36 | -1,710.13 | 687.84 | 655.76 | 32.08 | 21.443 | | |
| 5,700.00 | 5,384.87 | 5,362.71 | 5,362.18 | 37.29 | 1.59 | -52.05 | -1,390.45 | -1,711.50 | 663.04 | 629.77 | 33.27 | 19.930 | | |
| 5,800.00 | 5,477.84 | 5,454.83 | 5,454.29 | 38.06 | 1.60 | -54.37 | -1,389.50 | -1,712.86 | 639.28 | 604.76 | 34.52 | 18.521 | | |
| 5,900.00 | 5,570.81 | 5,548.14 | 5,547.59 | 38.82 | 1.62 | -56.90 | -1,388.79 | -1,714.23 | 616.95 | 581.14 | 35.81 | 17.230 | | |
| 6,000.00 | 5,663.78 | 5,642.40 | 5,641.83 | 39.59 | 1.64 | -59.67 | -1,387.93 | -1,714.99 | 595.74 | 558.59 | 37.15 | 16.036 | | |
| 6,100.00 | 5,756.75 | 5,735.11 | 5,734.55 | 40.35 | 1.66 | -62.64 | -1,387.15 | -1,715.09 | 576.10 | 537.55 | 38.55 | 14.945 | | |
| 6,200.00 | 5,849.71 | 5,827.31 | 5,826.74 | 41.12 | 1.68 | -65.82 | -1,386.40 | -1,714.68 | 558.26 | 518.28 | 39.97 | 13.966 | | |
| 6,300.00 | 5,942.68 | 5,918.17 | 5,917.59 | 41.88 | 1.70 | -69.16 | -1,385.90 | -1,713.90 | 542.71 | 501.31 | 41.40 | 13.109 | | |
| 6,400.00 | 6,035.65 | 6,009.91 | 6,009.33 | 42.64 | 1.71 | -72.71 | -1,385.55 | -1,712.82 | 529.58 | 486.79 | 42.79 | 12.376 | | |
| 6,500.00 | 6,128.62 | 6,099.64 | 6,099.05 | 43.41 | 1.73 | -76.31 | -1,385.57 | -1,711.86 | 519.26 | 475.15 | 44.11 | 11.771 | | |
| 6,600.00 | 6,221.59 | 6,195.09 | 6,194.50 | 44.17 | 1.74 | -80.21 | -1,385.67 | -1,711.19 | 511.50 | 466.18 | 45.32 | 11.285 | | |
| 6,700.00 | 6,314.55 | 6,285.47 | 6,284.88 | 44.94 | 1.75 | -83.98 | -1,385.74 | -1,710.67 | 506.33 | 459.91 | 46.42 | 10.908 | | |
| 6,800.00 | 6,407.52 | 6,378.64 | 6,378.04 | 45.70 | 1.76 | -87.91 | -1,386.10 | -1,710.14 | 504.12 | 456.75 | 47.37 | 10.643 | | |
| 6,815.97 | 6,422.34 | 6,393.60 | 6,393.00 | 45.83 | 1.76 | -89.30 | -1,386.15 | -1,710.08 | 504.05 | 456.54 | 47.51 | 10.610 CC, ES | | |
| 6,900.00 | 6,499.98 | 6,473.38 | 6,472.79 | 46.49 | 1.76 | -96.02 | -1,386.29 | -1,709.90 | 505.10 | 456.92 | 48.18 | 10.485 SF | | |
| 7,000.00 | 6,586.50 | 6,560.22 | 6,559.63 | 47.49 | 1.76 | -105.94 | -1,386.23 | -1,709.90 | 516.62 | 467.69 | 48.94 | 10.557 | | |
| 7,100.00 | 6,663.58 | 6,637.51 | 6,636.92 | 48.75 | 1.76 | -112.21 | -1,386.25 | -1,709.92 | 543.13 | 493.64 | 49.49 | 10.975 | | |
| 7,200.00 | 6,728.87 | 6,704.09 | 6,703.49 | 50.23 | 1.76 | -115.56 | -1,386.30 | -1,710.14 | 585.85 | 536.14 | 49.71 | 11.786 | | |
| 7,300.00 | 6,780.38 | 6,754.32 | 6,753.72 | 51.91 | 1.76 | -115.45 | -1,386.43 | -1,710.35 | 644.36 | 594.76 | 49.60 | 12.991 | | |
| 7,400.00 | 6,816.56 | 6,789.80 | 6,789.20 | 53.74 | 1.76 | -111.16 | -1,386.62 | -1,710.48 | 716.42 | 667.15 | 49.27 | 14.540 | | |
| 7,500.00 | 6,836.29 | 6,809.82 | 6,809.22 | 55.65 | 1.76 | -101.00 | -1,386.75 | -1,710.55 | 798.60 | 749.77 | 48.83 | 16.354 | | |
| 7,600.00 | 6,840.00 | 6,813.99 | 6,813.39 | 57.58 | 1.76 | -90.06 | -1,386.78 | -1,710.57 | 887.00 | 838.65 | 48.35 | 18.345 | | |
| 7,700.00 | 6,840.00 | 6,814.35 | 6,813.75 | 59.56 | 1.76 | -90.11 | -1,386.78 | -1,710.57 | 977.99 | 930.10 | 47.89 | 20.419 | | |
| 7,800.00 | 6,840.00 | 6,814.71 | 6,814.12 | 61.60 | 1.76 | -90.17 | -1,386.78 | -1,710.57 | 1,070.59 | 1,023.11 | 47.49 | 22.546 | | |
| 7,900.00 | 6,840.00 | 6,815.08 | 6,814.48 | 63.69 | 1.76 | -90.22 | -1,386.79 | -1,710.57 | 1,164.42 | 1,117.30 | 47.12 | 24.712 | | |
| 8,000.00 | 6,840.00 | 6,815.44 | 6,814.85 | 65.82 | 1.76 | -90.27 | -1,386.79 | -1,710.57 | 1,259.20 | 1,212.40 | 46.80 | 26.908 | | |
| 8,100.00 | 6,840.00 | 6,815.81 | 6,815.21 | 67.99 | 1.76 | -90.33 | -1,386.79 | -1,710.57 | 1,354.73 | 1,308.22 | 46.51 | 29.129 | | |
| 8,200.00 | 6,840.00 | 6,816.18 | 6,815.58 | 70.21 | 1.76 | -90.38 | -1,386.79 | -1,710.58 | 1,450.86 | 1,404.60 | 46.25 | 31.368 | | |
| 8,300.00 | 6,840.00 | 6,816.55 | 6,815.95 | 72.45 | 1.76 | -90.44 | -1,386.80 | -1,710.58 | 1,547.48 | 1,501.45 | 46.03 | 33.621 | | |
| 8,400.00 | 6,840.00 | 6,816.92 | 6,816.32 | 74.73 | 1.76 | -90.49 | -1,386.80 | -1,710.58 | 1,644.50 | 1,598.68 | 45.82 | 35.887 | | |
| 8,500.00 | 6,840.00 | 6,817.29 | 6,816.69 | 77.04 | 1.76 | -90.55 | -1,386.80 | -1,710.58 | 1,741.86 | 1,696.22 | 45.65 | 38.161 | | |
| 8,600.00 | 6,840.00 | 6,817.66 | 6,817.06 | 79.38 | 1.76 | -90.60 | -1,386.80 | -1,710.58 | 1,839.51 | 1,794.02 | 45.48 | 40.443 | | |
| 8,700.00 | 6,840.00 | 6,818.03 | 6,817.43 | 81.74 | 1.76 | -90.66 | -1,386.80 | -1,710.58 | 1,937.39 | 1,892.05 | 45.34 | 42.730 | | |
| 8,800.00 | 6,840.00 | 6,818.40 | 6,817.81 | 84.12 | 1.76 | -90.71 | -1,386.81 | -1,710.58 | 2,035.48 | 1,990.27 | 45.21 | 45.022 | | |
| 8,900.00 | 6,840.00 | 6,818.78 | 6,818.18 | 86.52 | 1.76 | -90.77 | -1,386.81 | -1,710.58 | 2,133.75 | 2,088.66 | 45.10 | 47.317 | | |
| 9,000.00 | 6,840.00 | 6,819.15 | 6,818.55 | 88.94 | 1.76 | -90.82 | -1,386.81 | -1,710.59 | 2,232.17 | 2,187.18 | 44.99 | 49.614 | | |
| 9,100.00 | 6,840.00 | 6,819.53 | 6,818.93 | 91.38 | 1.76 | -90.88 | -1,386.81 | -1,710.59 | 2,330.73 | 2,285.83 | 44.90 | 51.912 | | |
| 9,200.00 | 6,840.00 | 6,819.90 | 6,819.31 | 93.83 | 1.76 | -90.94 | -1,386.82 | -1,710.59 | 2,429.40 | 2,384.59 | 44.81 | 54.212 | | |
| 9,300.00 | 6,840.00 | 6,820.28 | 6,819.68 | 96.30 | 1.76 | -90.99 | -1,386.82 | -1,710.59 | 2,528.18 | 2,483.44 | 44.74 | 56.512 | | |
| 9,400.00 | 6,840.00 | 6,820.66 | 6,820.06 | 98.79 | 1.76 | -91.05 | -1,386.82 | -1,710.59 | 2,627.05 | 2,582.38 | 44.67 | 58.811 | | |
| 9,500.00 | 6,840.00 | 6,821.04 | 6,820.44 | 101.28 | 1.76 | -91.10 | -1,386.82 | -1,710.59 | 2,726.00 | 2,681.40 | 44.61 | 61.110 | | |
| 9,600.00 | 6,840.00 | 6,821.42 | 6,820.82 | 103.79 | 1.76 | -91.16 | -1,386.83 | -1,710.59 | 2,825.03 | 2,780.48 | 44.55 | 63.408 | | |
| 9,700.00 | 6,840.00 | 6,821.80 | 6,821.20 | 106.30 | 1.76 | -91.22 | -1,386.83 | -1,710.60 | 2,924.12 | 2,879.62 | 44.50 | 65.705 | | |
| 9,800.00 | 6,840.00 | 6,822.18 | 6,821.58 | 108.83 | 1.76 | -91.27 | -1,386.83 | -1,710.60 | 3,023.28 | 2,978.82 | 44.46 | 67.999 | | |
| 9,900.00 | 6,840.00 | 6,822.56 | 6,821.97 | 111.37 | 1.76 | -91.33 | -1,386.83 | -1,710.60 | 3,122.48 | 3,078.06 | 44.42 | 70.292 | | |
| 10,000.00 | 6,840.00 | 6,822.95 | 6,822.35 | 113.91 | 1.76 | -91.39 | -1,386.83 | -1,710.60 | 3,221.74 | 3,177.35 | 44.39 | 72.582 | | |
| 10,100.00 | 6,840.00 | 6,823.33 | 6,822.74 | 116.47 | 1.76 | -91.44 | -1,386.84 | -1,710.60 | 3,321.04 | 3,276.68 | 44.36 | 74.870 | | |
| 10,200.00 | 6,840.00 | 6,823.72 | 6,823.12 | 119.03 | 1.76 | -91.50 | -1,386.84 | -1,710.60 | 3,420.38 | 3,376.05 | 44.33 | 77.155 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,824.11 | 6,823.51 | 121.59 | 1.76 | -91.56 | -1,386.84 | -1,710.60 | 3,519.76 | 3,475.45 | 44.31 | 79.437 | | |
| 10,400.00 | 6,840.00 | 6,824.49 | 6,823.90 | 124.17 | 1.76 | -91.62 | -1,386.84 | -1,710.61 | 3,619.17 | 3,574.88 | 44.29 | 81.715 | | |
| 10,500.00 | 6,840.00 | 6,824.88 | 6,824.29 | 126.75 | 1.76 | -91.67 | -1,386.85 | -1,710.61 | 3,718.61 | 3,674.34 | 44.27 | 83.991 | | |
| 10,600.00 | 6,840.00 | 6,825.27 | 6,824.68 | 129.34 | 1.76 | -91.73 | -1,386.85 | -1,710.61 | 3,818.09 | 3,773.82 | 44.26 | 86.263 | | |
| 10,700.00 | 6,840.00 | 6,825.66 | 6,825.07 | 131.93 | 1.76 | -91.79 | -1,386.85 | -1,710.61 | 3,917.58 | 3,873.33 | 44.25 | 88.531 | | |
| 10,800.00 | 6,840.00 | 6,826.05 | 6,825.46 | 134.53 | 1.76 | -91.85 | -1,386.85 | -1,710.61 | 4,017.11 | 3,972.87 | 44.24 | 90.796 | | |
| 10,900.00 | 6,840.00 | 6,826.45 | 6,825.85 | 137.13 | 1.76 | -91.91 | -1,386.85 | -1,710.61 | 4,116.66 | 4,072.42 | 44.24 | 93.056 | | |
| 11,000.00 | 6,840.00 | 6,826.84 | 6,826.24 | 139.73 | 1.76 | -91.96 | -1,386.86 | -1,710.61 | 4,216.23 | 4,171.99 | 44.24 | 95.312 | | |
| 11,100.00 | 6,840.00 | 6,827.24 | 6,826.64 | 142.35 | 1.76 | -92.02 | -1,386.86 | -1,710.62 | 4,315.81 | 4,271.58 | 44.24 | 97.565 | | |
| 11,200.00 | 6,840.00 | 6,827.63 | 6,827.03 | 144.96 | 1.76 | -92.08 | -1,386.86 | -1,710.62 | 4,415.42 | 4,371.18 | 44.24 | 99.812 | | |
| 11,300.00 | 6,840.00 | 6,828.03 | 6,827.43 | 147.58 | 1.76 | -92.14 | -1,386.86 | -1,710.62 | 4,515.05 | 4,470.81 | 44.24 | 102.056 | | |
| 11,400.00 | 6,840.00 | 6,828.43 | 6,827.83 | 150.20 | 1.76 | -92.20 | -1,386.87 | -1,710.62 | 4,614.69 | 4,570.44 | 44.25 | 104.295 | | |
| 11,500.00 | 6,840.00 | 6,828.82 | 6,828.23 | 152.83 | 1.76 | -92.26 | -1,386.87 | -1,710.62 | 4,714.34 | 4,670.09 | 44.25 | 106.529 | | |
| 11,600.00 | 6,840.00 | 6,829.22 | 6,828.63 | 155.46 | 1.76 | -92.32 | -1,386.87 | -1,710.62 | 4,814.01 | 4,769.75 | 44.26 | 108.758 | | |
| 11,700.00 | 6,840.00 | 6,829.62 | 6,829.03 | 158.09 | 1.76 | -92.38 | -1,386.87 | -1,710.62 | 4,913.70 | 4,869.42 | 44.27 | 110.983 | | |
| 11,800.00 | 6,840.00 | 6,830.03 | 6,829.43 | 160.73 | 1.76 | -92.44 | -1,386.87 | -1,710.63 | 5,013.39 | 4,969.11 | 44.29 | 113.202 | | |
| 11,900.00 | 6,840.00 | 6,830.43 | 6,829.83 | 163.36 | 1.76 | -92.49 | -1,386.88 | -1,710.63 | 5,113.10 | 5,068.80 | 44.30 | 115.417 | | |
| 12,000.00 | 6,840.00 | 6,830.83 | 6,830.23 | 166.01 | 1.76 | -92.55 | -1,386.88 | -1,710.63 | 5,212.82 | 5,168.50 | 44.32 | 117.626 | | |
| 12,100.00 | 6,840.00 | 6,831.24 | 6,830.64 | 168.65 | 1.76 | -92.61 | -1,386.88 | -1,710.63 | 5,312.55 | 5,268.22 | 44.33 | 119.830 | | |
| 12,200.00 | 6,840.00 | 6,831.64 | 6,831.04 | 171.30 | 1.76 | -92.67 | -1,386.88 | -1,710.63 | 5,412.29 | 5,367.94 | 44.35 | 122.029 | | |
| 12,300.00 | 6,840.00 | 6,832.05 | 6,831.45 | 173.94 | 1.76 | -92.73 | -1,386.89 | -1,710.63 | 5,512.04 | 5,467.67 | 44.37 | 124.222 | | |
| 12,400.00 | 6,840.00 | 6,832.46 | 6,831.86 | 176.59 | 1.76 | -92.80 | -1,386.89 | -1,710.64 | 5,611.80 | 5,567.40 | 44.39 | 126.410 | | |
| 12,500.00 | 6,840.00 | 6,832.86 | 6,832.27 | 179.25 | 1.76 | -92.86 | -1,386.89 | -1,710.64 | 5,711.56 | 5,667.15 | 44.42 | 128.593 | | |
| 12,600.00 | 6,840.00 | 6,833.27 | 6,832.68 | 181.90 | 1.76 | -92.92 | -1,386.89 | -1,710.64 | 5,811.34 | 5,766.90 | 44.44 | 130.769 | | |
| 12,700.00 | 6,840.00 | 6,833.69 | 6,833.09 | 184.56 | 1.76 | -92.98 | -1,386.90 | -1,710.64 | 5,911.12 | 5,866.66 | 44.46 | 132.940 | | |
| 12,800.00 | 6,840.00 | 6,834.10 | 6,833.50 | 187.22 | 1.76 | -93.04 | -1,386.90 | -1,710.64 | 6,010.91 | 5,966.42 | 44.49 | 135.106 | | |
| 12,900.00 | 6,840.00 | 6,834.51 | 6,833.91 | 189.88 | 1.76 | -93.10 | -1,386.90 | -1,710.64 | 6,110.70 | 6,066.19 | 44.52 | 137.265 | | |
| 13,000.00 | 6,840.00 | 6,834.92 | 6,834.33 | 192.54 | 1.76 | -93.16 | -1,386.90 | -1,710.64 | 6,210.51 | 6,165.96 | 44.55 | 139.419 | | |
| 13,100.00 | 6,840.00 | 6,835.34 | 6,834.74 | 195.20 | 1.76 | -93.22 | -1,386.90 | -1,710.65 | 6,310.32 | 6,265.74 | 44.57 | 141.566 | | |
| 13,200.00 | 6,840.00 | 6,835.75 | 6,835.16 | 197.87 | 1.76 | -93.28 | -1,386.91 | -1,710.65 | 6,410.13 | 6,365.53 | 44.61 | 143.708 | | |
| 13,300.00 | 6,840.00 | 6,836.17 | 6,835.57 | 200.53 | 1.76 | -93.34 | -1,386.91 | -1,710.65 | 6,509.95 | 6,465.32 | 44.64 | 145.844 | | |
| 13,400.00 | 6,840.00 | 6,836.59 | 6,835.99 | 203.20 | 1.76 | -93.41 | -1,386.91 | -1,710.65 | 6,609.78 | 6,565.11 | 44.67 | 147.973 | | |
| 13,500.00 | 6,840.00 | 6,837.01 | 6,836.41 | 205.87 | 1.76 | -93.47 | -1,386.91 | -1,710.65 | 6,709.61 | 6,664.91 | 44.70 | 150.096 | | |
| 13,600.00 | 6,840.00 | 6,837.43 | 6,836.83 | 208.54 | 1.76 | -93.53 | -1,386.92 | -1,710.65 | 6,809.44 | 6,764.71 | 44.74 | 152.213 | | |
| 13,700.00 | 6,840.00 | 6,837.85 | 6,837.25 | 211.22 | 1.76 | -93.59 | -1,386.92 | -1,710.66 | 6,909.29 | 6,864.51 | 44.77 | 154.324 | | |
| 13,800.00 | 6,840.00 | 6,838.27 | 6,837.68 | 213.89 | 1.76 | -93.65 | -1,386.92 | -1,710.66 | 7,009.13 | 6,964.32 | 44.81 | 156.428 | | |
| 13,900.00 | 6,840.00 | 6,838.70 | 6,838.10 | 216.56 | 1.76 | -93.72 | -1,386.92 | -1,710.66 | 7,108.98 | 7,064.14 | 44.84 | 158.526 | | |
| 14,000.00 | 6,840.00 | 6,839.12 | 6,838.52 | 219.24 | 1.76 | -93.78 | -1,386.92 | -1,710.66 | 7,208.83 | 7,163.95 | 44.88 | 160.617 | | |
| 14,100.00 | 6,840.00 | 6,839.55 | 6,838.95 | 221.92 | 1.76 | -93.84 | -1,386.93 | -1,710.66 | 7,308.69 | 7,263.77 | 44.92 | 162.702 | | |
| 14,200.00 | 6,840.00 | 6,839.97 | 6,839.38 | 224.59 | 1.76 | -93.91 | -1,386.93 | -1,710.66 | 7,408.55 | 7,363.59 | 44.96 | 164.780 | | |
| 14,300.00 | 6,840.00 | 6,840.40 | 6,839.81 | 227.27 | 1.76 | -93.97 | -1,386.93 | -1,710.67 | 7,508.42 | 7,463.42 | 45.00 | 166.852 | | |
| 14,400.00 | 6,840.00 | 6,840.83 | 6,840.23 | 229.95 | 1.76 | -94.03 | -1,386.93 | -1,710.67 | 7,608.29 | 7,563.24 | 45.04 | 168.917 | | |
| 14,500.00 | 6,840.00 | 6,841.26 | 6,840.66 | 232.63 | 1.76 | -94.10 | -1,386.94 | -1,710.67 | 7,708.16 | 7,663.08 | 45.08 | 170.976 | | |
| 14,600.00 | 6,840.00 | 6,841.69 | 6,841.10 | 235.31 | 1.76 | -94.16 | -1,386.94 | -1,710.67 | 7,808.03 | 7,762.91 | 45.13 | 173.027 | | |
| 14,700.00 | 6,840.00 | 6,842.13 | 6,841.53 | 238.00 | 1.76 | -94.22 | -1,386.94 | -1,710.67 | 7,907.91 | 7,862.74 | 45.17 | 175.072 | | |
| 14,800.00 | 6,840.00 | 6,842.56 | 6,841.96 | 240.68 | 1.76 | -94.29 | -1,386.94 | -1,710.67 | 8,007.79 | 7,962.58 | 45.21 | 177.110 | | |
| 14,900.00 | 6,840.00 | 6,842.99 | 6,842.40 | 243.36 | 1.76 | -94.35 | -1,386.94 | -1,710.68 | 8,107.68 | 8,062.42 | 45.26 | 179.141 | | |
| 15,000.00 | 6,840.00 | 6,843.43 | 6,842.83 | 246.05 | 1.76 | -94.42 | -1,386.95 | -1,710.68 | 8,207.57 | 8,162.26 | 45.30 | 181.166 | | |
| 15,100.00 | 6,840.00 | 6,843.87 | 6,843.27 | 248.74 | 1.76 | -94.48 | -1,386.95 | -1,710.68 | 8,307.45 | 8,262.10 | 45.35 | 183.183 | | |
| 15,200.00 | 6,840.00 | 6,844.31 | 6,843.71 | 251.42 | 1.76 | -94.54 | -1,386.95 | -1,710.68 | 8,407.35 | 8,361.95 | 45.40 | 185.194 | | |
| 15,300.00 | 6,840.00 | 6,844.74 | 6,844.15 | 254.11 | 1.76 | -94.61 | -1,386.95 | -1,710.68 | 8,507.24 | 8,461.80 | 45.45 | 187.197 | | |
| 15,400.00 | 6,840.00 | 6,845.19 | 6,844.59 | 256.80 | 1.76 | -94.67 | -1,386.95 | -1,710.68 | 8,607.14 | 8,561.65 | 45.49 | 189.194 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 15,500.00 | 6,840.00 | 6,845.63 | 6,845.03 | 259.49 | 1.76 | -94.74 | -1,386.96 | -1,710.69 | 8,707.04 | 8,661.50 | 45.54 | 191.183 | |
| 15,600.00 | 6,840.00 | 6,846.07 | 6,845.47 | 262.17 | 1.76 | -94.80 | -1,386.96 | -1,710.69 | 8,806.94 | 8,761.35 | 45.59 | 193.165 | |
| 15,700.00 | 6,840.00 | 6,846.51 | 6,845.92 | 264.86 | 1.76 | -94.87 | -1,386.96 | -1,710.69 | 8,906.85 | 8,861.20 | 45.64 | 195.141 | |
| 15,800.00 | 6,840.00 | 6,846.96 | 6,846.36 | 267.55 | 1.76 | -94.94 | -1,386.96 | -1,710.69 | 9,006.75 | 8,961.06 | 45.69 | 197.109 | |
| 15,900.00 | 6,840.00 | 6,847.40 | 6,846.81 | 270.25 | 1.76 | -95.00 | -1,386.97 | -1,710.69 | 9,106.66 | 9,060.91 | 45.75 | 199.070 | |
| 16,000.00 | 6,840.00 | 6,847.85 | 6,847.26 | 272.94 | 1.76 | -95.07 | -1,386.97 | -1,710.69 | 9,206.57 | 9,160.77 | 45.80 | 201.023 | |
| 16,100.00 | 6,840.00 | 6,848.30 | 6,847.70 | 275.63 | 1.76 | -95.13 | -1,386.97 | -1,710.70 | 9,306.48 | 9,260.63 | 45.85 | 202.970 | |
| 16,200.00 | 6,840.00 | 6,848.75 | 6,848.15 | 278.32 | 1.76 | -95.20 | -1,386.97 | -1,710.70 | 9,406.40 | 9,360.49 | 45.91 | 204.909 | |
| 16,300.00 | 6,840.00 | 6,849.20 | 6,848.60 | 281.02 | 1.76 | -95.27 | -1,386.97 | -1,710.70 | 9,506.31 | 9,460.35 | 45.96 | 206.841 | |
| 16,400.00 | 6,840.00 | 6,849.65 | 6,849.06 | 283.71 | 1.76 | -95.33 | -1,386.98 | -1,710.70 | 9,606.23 | 9,560.22 | 46.01 | 208.766 | |
| 16,500.00 | 6,840.00 | 6,850.11 | 6,849.51 | 286.40 | 1.76 | -95.40 | -1,386.98 | -1,710.70 | 9,706.15 | 9,660.08 | 46.07 | 210.683 | |
| 16,600.00 | 6,840.00 | 6,850.56 | 6,849.97 | 289.10 | 1.76 | -95.47 | -1,386.98 | -1,710.71 | 9,806.07 | 9,759.94 | 46.13 | 212.593 | |
| 16,700.00 | 6,840.00 | 6,851.02 | 6,850.42 | 291.79 | 1.76 | -95.53 | -1,386.98 | -1,710.71 | 9,905.99 | 9,859.81 | 46.18 | 214.496 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST VERT PLUS G 25-07 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -55.46 | 1,148.70 | -1,668.67 | 2,026.22 | | | | | |
| 100.00 | 100.00 | 63.73 | 63.73 | 0.13 | 0.06 | -55.46 | 1,148.59 | -1,668.67 | 2,025.77 | 2,025.57 | 0.19 | N/A | | |
| 200.00 | 200.00 | 163.95 | 163.95 | 0.49 | 0.18 | -55.47 | 1,148.15 | -1,668.68 | 2,025.53 | 2,024.85 | 0.67 | 3,001.721 | | |
| 282.83 | 282.83 | 242.83 | 242.83 | 0.79 | 0.24 | -55.47 | 1,147.98 | -1,668.69 | 2,025.43 | 2,024.40 | 1.03 | 1,965.379 | | |
| 300.00 | 300.00 | 258.92 | 258.92 | 0.85 | 0.25 | -55.47 | 1,147.97 | -1,668.70 | 2,025.44 | 2,024.34 | 1.10 | 1,848.665 | | |
| 400.00 | 400.00 | 358.95 | 358.95 | 1.21 | 0.28 | -55.48 | 1,147.99 | -1,668.83 | 2,025.56 | 2,024.08 | 1.48 | 1,367.396 | | |
| 500.00 | 500.00 | 456.97 | 456.97 | 1.57 | 0.31 | -55.48 | 1,147.93 | -1,668.91 | 2,025.59 | 2,023.72 | 1.87 | 1,084.823 | | |
| 600.00 | 599.98 | 556.84 | 556.84 | 1.92 | 0.35 | 60.37 | 1,148.02 | -1,669.12 | 2,024.95 | 2,022.70 | 2.25 | 899.353 | | |
| 700.00 | 699.84 | 654.94 | 654.94 | 2.26 | 0.40 | 60.54 | 1,148.01 | -1,669.28 | 2,022.50 | 2,019.86 | 2.64 | 766.784 | | |
| 800.00 | 799.45 | 754.28 | 754.27 | 2.62 | 0.44 | 60.82 | 1,148.14 | -1,669.58 | 2,018.54 | 2,015.51 | 3.03 | 665.547 | | |
| 900.00 | 898.70 | 853.79 | 853.78 | 2.99 | 0.48 | 61.22 | 1,148.08 | -1,669.86 | 2,012.80 | 2,009.36 | 3.44 | 585.408 | | |
| 1,000.00 | 997.47 | 951.94 | 951.93 | 3.39 | 0.52 | 61.73 | 1,148.25 | -1,670.10 | 2,005.55 | 2,001.69 | 3.86 | 518.984 | | |
| 1,100.00 | 1,095.62 | 1,051.42 | 1,051.42 | 3.81 | 0.56 | 62.36 | 1,148.30 | -1,670.35 | 1,996.71 | 1,992.39 | 4.32 | 462.037 | | |
| 1,200.00 | 1,193.06 | 1,147.14 | 1,147.14 | 4.27 | 0.61 | 63.10 | 1,148.40 | -1,670.55 | 1,986.43 | 1,981.62 | 4.81 | 413.181 | | |
| 1,300.00 | 1,289.64 | 1,243.17 | 1,243.17 | 4.77 | 0.65 | 63.96 | 1,148.62 | -1,670.81 | 1,974.93 | 1,969.60 | 5.33 | 370.709 | | |
| 1,400.00 | 1,385.27 | 1,341.60 | 1,341.60 | 5.31 | 0.68 | 64.96 | 1,148.86 | -1,670.93 | 1,962.11 | 1,956.23 | 5.88 | 333.438 | | |
| 1,500.00 | 1,479.82 | 1,437.18 | 1,437.18 | 5.91 | 0.72 | 66.05 | 1,148.99 | -1,671.01 | 1,948.13 | 1,941.64 | 6.49 | 300.279 | | |
| 1,600.00 | 1,573.19 | 1,529.44 | 1,529.43 | 6.55 | 0.75 | 67.18 | 1,149.16 | -1,671.05 | 1,933.28 | 1,926.14 | 7.14 | 270.859 | | |
| 1,700.00 | 1,666.16 | 1,621.29 | 1,621.28 | 7.23 | 0.78 | 68.12 | 1,149.31 | -1,671.22 | 1,918.63 | 1,910.81 | 7.82 | 245.330 | | |
| 1,800.00 | 1,759.13 | 1,715.60 | 1,715.59 | 7.93 | 0.82 | 69.10 | 1,149.40 | -1,671.41 | 1,904.55 | 1,896.02 | 8.53 | 223.261 | | |
| 1,900.00 | 1,852.10 | 1,808.44 | 1,808.44 | 8.64 | 0.85 | 70.07 | 1,149.44 | -1,671.61 | 1,891.06 | 1,881.80 | 9.26 | 204.309 | | |
| 2,000.00 | 1,945.06 | 1,886.96 | 1,886.95 | 9.35 | 0.89 | 70.90 | 1,149.59 | -1,672.14 | 1,878.59 | 1,868.59 | 9.99 | 188.006 | | |
| 2,100.00 | 2,038.03 | 1,976.94 | 1,976.92 | 10.08 | 0.92 | 71.86 | 1,149.97 | -1,673.14 | 1,867.18 | 1,856.44 | 10.74 | 173.785 | | |
| 2,200.00 | 2,131.00 | 2,068.68 | 2,068.66 | 10.81 | 0.96 | 72.84 | 1,150.41 | -1,674.22 | 1,856.49 | 1,844.98 | 11.51 | 161.342 | | |
| 2,300.00 | 2,223.97 | 2,160.27 | 2,160.23 | 11.54 | 0.99 | 73.82 | 1,150.68 | -1,675.60 | 1,846.52 | 1,834.24 | 12.28 | 150.409 | | |
| 2,400.00 | 2,316.94 | 2,248.25 | 2,248.21 | 12.28 | 1.03 | 74.77 | 1,150.93 | -1,677.12 | 1,837.33 | 1,824.28 | 13.05 | 140.762 | | |
| 2,500.00 | 2,409.90 | 2,332.33 | 2,332.26 | 13.02 | 1.06 | 75.67 | 1,151.28 | -1,679.01 | 1,829.18 | 1,815.35 | 13.83 | 132.225 | | |
| 2,600.00 | 2,502.87 | 2,415.70 | 2,415.61 | 13.77 | 1.09 | 76.59 | 1,152.29 | -1,680.86 | 1,822.24 | 1,807.62 | 14.62 | 124.638 | | |
| 2,700.00 | 2,595.84 | 2,507.43 | 2,507.30 | 14.51 | 1.12 | 77.62 | 1,153.95 | -1,682.66 | 1,816.25 | 1,800.83 | 15.42 | 117.821 | | |
| 2,800.00 | 2,688.81 | 2,602.59 | 2,602.43 | 15.26 | 1.16 | 78.70 | 1,155.90 | -1,684.21 | 1,810.94 | 1,794.73 | 16.22 | 111.681 | | |
| 2,900.00 | 2,781.77 | 2,695.70 | 2,695.51 | 16.01 | 1.19 | 79.77 | 1,157.79 | -1,685.66 | 1,806.31 | 1,789.29 | 17.02 | 106.148 | | |
| 3,000.00 | 2,874.74 | 2,798.18 | 2,797.96 | 16.76 | 1.22 | 80.95 | 1,159.58 | -1,687.24 | 1,802.16 | 1,784.34 | 17.82 | 101.115 | | |
| 3,100.00 | 2,967.71 | 2,894.42 | 2,894.19 | 17.52 | 1.26 | 82.05 | 1,160.92 | -1,688.60 | 1,798.41 | 1,779.78 | 18.63 | 96.549 | | |
| 3,200.00 | 3,060.68 | 2,997.85 | 2,997.60 | 18.27 | 1.29 | 83.24 | 1,162.04 | -1,689.88 | 1,795.05 | 1,775.61 | 19.43 | 92.373 | | |
| 3,300.00 | 3,153.65 | 3,095.56 | 3,095.30 | 19.03 | 1.33 | 84.37 | 1,162.72 | -1,690.91 | 1,792.01 | 1,771.78 | 20.23 | 88.566 | | |
| 3,400.00 | 3,246.61 | 3,191.98 | 3,191.71 | 19.78 | 1.36 | 85.49 | 1,163.17 | -1,691.89 | 1,789.51 | 1,768.48 | 21.03 | 85.089 | | |
| 3,500.00 | 3,339.58 | 3,292.11 | 3,291.84 | 20.54 | 1.40 | 86.65 | 1,163.47 | -1,692.66 | 1,787.48 | 1,765.66 | 21.83 | 81.897 | | |
| 3,600.00 | 3,432.55 | 3,395.47 | 3,395.20 | 21.30 | 1.40 | 87.87 | 1,163.52 | -1,692.89 | 1,785.75 | 1,763.16 | 22.59 | 79.055 | | |
| 3,700.00 | 3,525.52 | 3,490.28 | 3,490.01 | 22.06 | 1.40 | 88.99 | 1,163.37 | -1,692.74 | 1,784.43 | 1,761.09 | 23.35 | 76.434 | | |
| 3,800.00 | 3,618.49 | 3,587.88 | 3,587.61 | 22.82 | 1.40 | 90.14 | 1,162.99 | -1,692.69 | 1,783.73 | 1,759.63 | 24.10 | 74.023 | | |
| 3,869.37 | 3,682.98 | 3,653.64 | 3,653.37 | 23.34 | 1.41 | 90.91 | 1,162.50 | -1,692.88 | 1,783.57 | 1,758.95 | 24.62 | 72.444 CC | | |
| 3,900.00 | 3,711.45 | 3,682.47 | 3,682.20 | 23.57 | 1.42 | 91.24 | 1,162.26 | -1,692.99 | 1,783.60 | 1,758.75 | 24.85 | 71.774 | | |
| 4,000.00 | 3,804.42 | 3,776.19 | 3,775.91 | 24.33 | 1.43 | 92.33 | 1,161.43 | -1,693.41 | 1,784.16 | 1,758.56 | 25.60 | 69.697 ES | | |
| 4,100.00 | 3,897.39 | 3,871.07 | 3,870.78 | 25.09 | 1.45 | 93.43 | 1,160.55 | -1,693.83 | 1,785.41 | 1,759.07 | 26.34 | 67.780 | | |
| 4,200.00 | 3,990.36 | 3,961.15 | 3,960.86 | 25.86 | 1.47 | 94.47 | 1,159.68 | -1,694.24 | 1,787.37 | 1,760.30 | 27.08 | 66.013 | | |
| 4,300.00 | 4,083.32 | 4,048.15 | 4,047.86 | 26.62 | 1.49 | 95.48 | 1,159.19 | -1,694.49 | 1,790.35 | 1,762.55 | 27.80 | 64.395 | | |
| 4,400.00 | 4,176.29 | 4,138.49 | 4,138.20 | 27.38 | 1.51 | 96.53 | 1,158.99 | -1,694.75 | 1,794.36 | 1,765.84 | 28.52 | 62.914 | | |
| 4,500.00 | 4,269.26 | 4,231.54 | 4,231.25 | 28.14 | 1.52 | 97.61 | 1,158.80 | -1,694.87 | 1,799.06 | 1,769.83 | 29.23 | 61.551 | | |
| 4,600.00 | 4,362.23 | 4,320.13 | 4,319.84 | 28.90 | 1.54 | 98.63 | 1,158.75 | -1,695.12 | 1,804.68 | 1,774.75 | 29.93 | 60.302 | | |
| 4,700.00 | 4,455.20 | 4,411.96 | 4,411.67 | 29.66 | 1.57 | 99.67 | 1,158.72 | -1,695.78 | 1,811.15 | 1,780.52 | 30.63 | 59.138 | | |
| 4,800.00 | 4,548.16 | 4,504.50 | 4,504.20 | 30.43 | 1.60 | 100.71 | 1,158.69 | -1,696.63 | 1,818.36 | 1,787.05 | 31.31 | 58.068 | | |
| 4,900.00 | 4,641.13 | 4,597.53 | 4,597.23 | 31.19 | 1.63 | 101.75 | 1,158.73 | -1,697.30 | 1,826.29 | 1,794.29 | 31.99 | 57.084 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST VERT PLUSS G 25-07 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,000.00 | 4,734.10 | 4,693.06 | 4,692.76 | 31.95 | 1.67 | 102.82 | 1,158.77 | -1,697.77 | 1,834.84 | 1,802.18 | 32.66 | 56.179 | | |
| 5,100.00 | 4,827.07 | 4,778.90 | 4,778.60 | 32.71 | 1.69 | 103.77 | 1,158.89 | -1,698.25 | 1,844.18 | 1,810.87 | 33.31 | 55.363 | | |
| 5,200.00 | 4,920.04 | 4,874.12 | 4,873.81 | 33.48 | 1.72 | 104.81 | 1,159.21 | -1,698.94 | 1,854.40 | 1,820.44 | 33.96 | 54.610 | | |
| 5,300.00 | 5,013.00 | 4,969.02 | 4,968.71 | 34.24 | 1.75 | 105.83 | 1,159.33 | -1,699.72 | 1,865.09 | 1,830.50 | 34.59 | 53.917 | | |
| 5,400.00 | 5,105.97 | 5,060.92 | 5,060.61 | 35.00 | 1.78 | 106.81 | 1,159.43 | -1,700.56 | 1,876.42 | 1,841.20 | 35.21 | 53.287 | | |
| 5,500.00 | 5,198.94 | 5,154.78 | 5,154.46 | 35.77 | 1.82 | 107.80 | 1,159.59 | -1,701.49 | 1,888.43 | 1,852.60 | 35.83 | 52.712 | | |
| 5,600.00 | 5,291.91 | 5,250.58 | 5,250.26 | 36.53 | 1.85 | 108.79 | 1,159.63 | -1,702.54 | 1,900.94 | 1,864.51 | 36.43 | 52.183 | | |
| 5,700.00 | 5,384.87 | 5,343.80 | 5,343.47 | 37.29 | 1.88 | 109.74 | 1,159.59 | -1,703.52 | 1,913.96 | 1,876.94 | 37.02 | 51.704 | | |
| 5,800.00 | 5,477.84 | 5,437.35 | 5,437.01 | 38.06 | 1.91 | 110.68 | 1,159.61 | -1,704.62 | 1,927.63 | 1,890.03 | 37.60 | 51.271 | | |
| 5,900.00 | 5,570.81 | 5,532.34 | 5,531.99 | 38.82 | 1.94 | 111.63 | 1,159.48 | -1,705.86 | 1,941.72 | 1,903.56 | 38.17 | 50.874 | | |
| 6,000.00 | 5,663.78 | 5,620.01 | 5,619.66 | 39.59 | 1.97 | 112.49 | 1,159.48 | -1,706.80 | 1,956.49 | 1,917.77 | 38.72 | 50.531 | | |
| 6,100.00 | 5,756.75 | 5,703.25 | 5,702.89 | 40.35 | 1.99 | 113.30 | 1,159.85 | -1,707.46 | 1,972.22 | 1,932.96 | 39.25 | 50.244 | | |
| 6,200.00 | 5,849.71 | 5,796.96 | 5,796.60 | 41.12 | 2.02 | 114.21 | 1,160.49 | -1,708.14 | 1,988.69 | 1,948.90 | 39.79 | 49.979 | | |
| 6,300.00 | 5,942.68 | 5,894.19 | 5,893.83 | 41.88 | 2.05 | 115.14 | 1,161.03 | -1,708.78 | 2,005.59 | 1,965.27 | 40.32 | 49.740 | | |
| 6,400.00 | 6,035.65 | 5,988.95 | 5,988.58 | 42.64 | 2.08 | 116.04 | 1,161.42 | -1,709.36 | 2,022.87 | 1,982.03 | 40.84 | 49.532 | | |
| 6,500.00 | 6,128.62 | 6,084.17 | 6,083.80 | 43.41 | 2.11 | 116.92 | 1,161.73 | -1,710.10 | 2,040.58 | 1,999.23 | 41.35 | 49.349 | | |
| 6,600.00 | 6,221.59 | 6,179.66 | 6,179.29 | 44.17 | 2.14 | 117.78 | 1,161.95 | -1,710.97 | 2,058.67 | 2,016.82 | 41.85 | 49.190 | | |
| 6,700.00 | 6,314.55 | 6,273.84 | 6,273.46 | 44.94 | 2.17 | 118.61 | 1,162.10 | -1,712.03 | 2,077.15 | 2,034.80 | 42.34 | 49.054 | | |
| 6,800.00 | 6,407.52 | 6,368.49 | 6,368.10 | 45.70 | 2.20 | 119.43 | 1,162.22 | -1,713.20 | 2,096.05 | 2,053.22 | 42.83 | 48.938 | | |
| 6,900.00 | 6,499.98 | 6,455.11 | 6,454.72 | 46.49 | 2.23 | 115.27 | 1,162.39 | -1,714.53 | 2,115.48 | 2,072.17 | 43.31 | 48.843 | | |
| 7,000.00 | 6,586.50 | 6,537.78 | 6,537.36 | 47.49 | 2.26 | 108.06 | 1,162.92 | -1,716.05 | 2,136.29 | 2,092.37 | 43.91 | 48.648 | | |
| 7,100.00 | 6,663.58 | 6,620.59 | 6,620.16 | 48.75 | 2.29 | 103.80 | 1,163.43 | -1,717.59 | 2,158.47 | 2,113.82 | 44.66 | 48.332 | | |
| 7,200.00 | 6,728.87 | 6,699.05 | 6,698.61 | 50.23 | 2.31 | 100.93 | 1,163.56 | -1,719.03 | 2,182.17 | 2,136.65 | 45.52 | 47.937 | | |
| 7,300.00 | 6,780.38 | 6,738.68 | 6,738.24 | 51.91 | 2.32 | 97.92 | 1,163.62 | -1,719.65 | 2,208.09 | 2,161.68 | 46.41 | 47.583 | | |
| 7,400.00 | 6,816.56 | 6,766.07 | 6,765.62 | 53.74 | 2.33 | 94.92 | 1,163.78 | -1,719.95 | 2,236.58 | 2,189.27 | 47.31 | 47.271 | | |
| 7,500.00 | 6,836.29 | 6,781.05 | 6,780.60 | 55.65 | 2.33 | 91.75 | 1,163.91 | -1,720.08 | 2,267.29 | 2,219.08 | 48.20 | 47.036 | | |
| 7,600.00 | 6,840.00 | 6,784.25 | 6,783.80 | 57.58 | 2.33 | 89.57 | 1,163.94 | -1,720.10 | 2,299.71 | 2,250.68 | 49.03 | 46.903 | | |
| 7,700.00 | 6,840.00 | 6,784.75 | 6,784.30 | 59.56 | 2.33 | 89.58 | 1,163.94 | -1,720.11 | 2,335.39 | 2,285.57 | 49.82 | 46.877 SF | | |
| 7,800.00 | 6,840.00 | 6,785.25 | 6,784.80 | 61.60 | 2.33 | 89.60 | 1,163.95 | -1,720.11 | 2,374.74 | 2,324.17 | 50.57 | 46.959 | | |
| 7,900.00 | 6,840.00 | 6,785.73 | 6,785.28 | 63.69 | 2.33 | 89.61 | 1,163.95 | -1,720.11 | 2,417.59 | 2,366.31 | 51.28 | 47.143 | | |
| 8,000.00 | 6,840.00 | 6,786.20 | 6,785.75 | 65.82 | 2.33 | 89.62 | 1,163.96 | -1,720.12 | 2,463.76 | 2,411.81 | 51.95 | 47.424 | | |
| 8,100.00 | 6,840.00 | 6,786.67 | 6,786.22 | 67.99 | 2.33 | 89.64 | 1,163.96 | -1,720.12 | 2,513.06 | 2,460.48 | 52.58 | 47.797 | | |
| 8,200.00 | 6,840.00 | 6,787.13 | 6,786.68 | 70.21 | 2.33 | 89.65 | 1,163.97 | -1,720.12 | 2,565.31 | 2,512.15 | 53.16 | 48.255 | | |
| 8,300.00 | 6,840.00 | 6,787.58 | 6,787.13 | 72.45 | 2.33 | 89.66 | 1,163.97 | -1,720.13 | 2,620.34 | 2,566.64 | 53.70 | 48.794 | | |
| 8,400.00 | 6,840.00 | 6,788.02 | 6,787.57 | 74.73 | 2.33 | 89.67 | 1,163.98 | -1,720.13 | 2,677.97 | 2,623.77 | 54.20 | 49.407 | | |
| 8,500.00 | 6,840.00 | 6,788.45 | 6,788.00 | 77.04 | 2.33 | 89.68 | 1,163.98 | -1,720.13 | 2,738.05 | 2,683.39 | 54.66 | 50.090 | | |
| 8,600.00 | 6,840.00 | 6,788.88 | 6,788.43 | 79.38 | 2.33 | 89.69 | 1,163.99 | -1,720.13 | 2,800.40 | 2,745.32 | 55.09 | 50.838 | | |
| 8,700.00 | 6,840.00 | 6,800.00 | 6,799.55 | 81.74 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 2,864.92 | 2,809.42 | 55.50 | 51.617 | | |
| 8,800.00 | 6,840.00 | 6,800.00 | 6,799.55 | 84.12 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 2,931.41 | 2,875.55 | 55.86 | 52.480 | | |
| 8,900.00 | 6,840.00 | 6,800.00 | 6,799.55 | 86.52 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 2,999.75 | 2,943.57 | 56.18 | 53.395 | | |
| 9,000.00 | 6,840.00 | 6,800.00 | 6,799.55 | 88.94 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 3,069.82 | 3,013.35 | 56.47 | 54.357 | | |
| 9,100.00 | 6,840.00 | 6,800.00 | 6,799.55 | 91.38 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 3,141.52 | 3,084.78 | 56.74 | 55.364 | | |
| 9,200.00 | 6,840.00 | 6,800.00 | 6,799.55 | 93.83 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 3,214.73 | 3,157.75 | 56.99 | 56.411 | | |
| 9,300.00 | 6,840.00 | 6,800.00 | 6,799.55 | 96.30 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 3,289.35 | 3,232.14 | 57.21 | 57.496 | | |
| 9,400.00 | 6,840.00 | 6,800.00 | 6,799.55 | 98.79 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 3,365.29 | 3,307.88 | 57.41 | 58.617 | | |
| 9,500.00 | 6,840.00 | 6,800.00 | 6,799.55 | 101.28 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 3,442.46 | 3,384.87 | 57.60 | 59.769 | | |
| 9,600.00 | 6,840.00 | 6,800.00 | 6,799.55 | 103.79 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 3,520.78 | 3,463.02 | 57.76 | 60.952 | | |
| 9,700.00 | 6,840.00 | 6,800.00 | 6,799.55 | 106.30 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 3,600.17 | 3,542.25 | 57.92 | 62.163 | | |
| 9,800.00 | 6,840.00 | 6,800.00 | 6,799.55 | 108.83 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 3,680.57 | 3,622.51 | 58.05 | 63.399 | | |
| 9,900.00 | 6,840.00 | 6,800.00 | 6,799.55 | 111.37 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 3,761.90 | 3,703.72 | 58.18 | 64.660 | | |
| 10,000.00 | 6,840.00 | 6,800.00 | 6,799.55 | 113.91 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 3,844.12 | 3,785.82 | 58.29 | 65.943 | | |
| 10,100.00 | 6,840.00 | 6,800.00 | 6,799.55 | 116.47 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 3,927.16 | 3,868.76 | 58.40 | 67.246 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST VERT PLUS G 25-07 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,200.00 | 6,840.00 | 6,800.00 | 6,799.55 | 119.03 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 4,010.98 | 3,952.48 | 58.50 | 68.569 | | |
| 10,300.00 | 6,840.00 | 6,800.00 | 6,799.55 | 121.59 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 4,095.52 | 4,036.94 | 58.58 | 69.910 | | |
| 10,400.00 | 6,840.00 | 6,800.00 | 6,799.55 | 124.17 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 4,180.74 | 4,122.08 | 58.66 | 71.268 | | |
| 10,500.00 | 6,840.00 | 6,800.00 | 6,799.55 | 126.75 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 4,266.61 | 4,207.88 | 58.74 | 72.641 | | |
| 10,600.00 | 6,840.00 | 6,800.00 | 6,799.55 | 129.34 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 4,353.08 | 4,294.28 | 58.80 | 74.029 | | |
| 10,700.00 | 6,840.00 | 6,800.00 | 6,799.55 | 131.93 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 4,440.12 | 4,381.25 | 58.86 | 75.429 | | |
| 10,800.00 | 6,840.00 | 6,800.00 | 6,799.55 | 134.53 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 4,527.69 | 4,468.77 | 58.92 | 76.843 | | |
| 10,900.00 | 6,840.00 | 6,800.00 | 6,799.55 | 137.13 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 4,615.77 | 4,556.80 | 58.97 | 78.268 | | |
| 11,000.00 | 6,840.00 | 6,800.00 | 6,799.55 | 139.73 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 4,704.33 | 4,645.30 | 59.02 | 79.704 | | |
| 11,100.00 | 6,840.00 | 6,800.00 | 6,799.55 | 142.35 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 4,793.33 | 4,734.26 | 59.07 | 81.150 | | |
| 11,200.00 | 6,840.00 | 6,800.00 | 6,799.55 | 144.96 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 4,882.76 | 4,823.65 | 59.11 | 82.606 | | |
| 11,300.00 | 6,840.00 | 6,800.00 | 6,799.55 | 147.58 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 4,972.60 | 4,913.45 | 59.15 | 84.070 | | |
| 11,400.00 | 6,840.00 | 6,800.00 | 6,799.55 | 150.20 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 5,062.81 | 5,003.63 | 59.19 | 85.542 | | |
| 11,500.00 | 6,840.00 | 6,800.00 | 6,799.55 | 152.83 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 5,153.39 | 5,094.17 | 59.22 | 87.022 | | |
| 11,600.00 | 6,840.00 | 6,800.00 | 6,799.55 | 155.46 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 5,244.31 | 5,185.05 | 59.25 | 88.509 | | |
| 11,700.00 | 6,840.00 | 6,800.00 | 6,799.55 | 158.09 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 5,335.55 | 5,276.27 | 59.28 | 90.002 | | |
| 11,800.00 | 6,840.00 | 6,800.00 | 6,799.55 | 160.73 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 5,427.10 | 5,367.79 | 59.31 | 91.502 | | |
| 11,900.00 | 6,840.00 | 6,800.00 | 6,799.55 | 163.36 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 5,518.95 | 5,459.61 | 59.34 | 93.007 | | |
| 12,000.00 | 6,840.00 | 6,800.00 | 6,799.55 | 166.01 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 5,611.07 | 5,551.71 | 59.37 | 94.517 | | |
| 12,100.00 | 6,840.00 | 6,800.00 | 6,799.55 | 168.65 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 5,703.46 | 5,644.07 | 59.39 | 96.032 | | |
| 12,200.00 | 6,840.00 | 6,800.00 | 6,799.55 | 171.30 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 5,796.10 | 5,736.69 | 59.42 | 97.551 | | |
| 12,300.00 | 6,840.00 | 6,800.00 | 6,799.55 | 173.94 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 5,888.99 | 5,829.55 | 59.44 | 99.074 | | |
| 12,400.00 | 6,840.00 | 6,800.00 | 6,799.55 | 176.59 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 5,982.10 | 5,922.63 | 59.46 | 100.601 | | |
| 12,500.00 | 6,840.00 | 6,800.00 | 6,799.55 | 179.25 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 6,075.43 | 6,015.94 | 59.49 | 102.132 | | |
| 12,600.00 | 6,840.00 | 6,800.00 | 6,799.55 | 181.90 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 6,168.97 | 6,109.46 | 59.51 | 103.666 | | |
| 12,700.00 | 6,840.00 | 6,800.00 | 6,799.55 | 184.56 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 6,262.71 | 6,203.18 | 59.53 | 105.202 | | |
| 12,800.00 | 6,840.00 | 6,800.00 | 6,799.55 | 187.22 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 6,356.64 | 6,297.09 | 59.55 | 106.741 | | |
| 12,900.00 | 6,840.00 | 6,800.00 | 6,799.55 | 189.88 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 6,450.75 | 6,391.18 | 59.57 | 108.282 | | |
| 13,000.00 | 6,840.00 | 6,800.00 | 6,799.55 | 192.54 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 6,545.04 | 6,485.45 | 59.59 | 109.826 | | |
| 13,100.00 | 6,840.00 | 6,800.00 | 6,799.55 | 195.20 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 6,639.50 | 6,579.88 | 59.62 | 111.371 | | |
| 13,200.00 | 6,840.00 | 6,800.00 | 6,799.55 | 197.87 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 6,734.11 | 6,674.47 | 59.64 | 112.918 | | |
| 13,300.00 | 6,840.00 | 6,800.00 | 6,799.55 | 200.53 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 6,828.88 | 6,769.22 | 59.66 | 114.466 | | |
| 13,400.00 | 6,840.00 | 6,800.00 | 6,799.55 | 203.20 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 6,923.79 | 6,864.11 | 59.68 | 116.015 | | |
| 13,500.00 | 6,840.00 | 6,800.00 | 6,799.55 | 205.87 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 7,018.85 | 6,959.15 | 59.70 | 117.566 | | |
| 13,600.00 | 6,840.00 | 6,800.00 | 6,799.55 | 208.54 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 7,114.04 | 7,054.32 | 59.72 | 119.117 | | |
| 13,700.00 | 6,840.00 | 6,800.00 | 6,799.55 | 211.22 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 7,209.37 | 7,149.62 | 59.74 | 120.669 | | |
| 13,800.00 | 6,840.00 | 6,800.00 | 6,799.55 | 213.89 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 7,304.81 | 7,245.05 | 59.77 | 122.221 | | |
| 13,900.00 | 6,840.00 | 6,800.00 | 6,799.55 | 216.56 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 7,400.38 | 7,340.59 | 59.79 | 123.774 | | |
| 14,000.00 | 6,840.00 | 6,800.00 | 6,799.55 | 219.24 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 7,496.06 | 7,436.25 | 59.81 | 125.327 | | |
| 14,100.00 | 6,840.00 | 6,800.00 | 6,799.55 | 221.92 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 7,591.86 | 7,532.02 | 59.83 | 126.880 | | |
| 14,200.00 | 6,840.00 | 6,800.00 | 6,799.55 | 224.59 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 7,687.76 | 7,627.90 | 59.86 | 128.433 | | |
| 14,300.00 | 6,840.00 | 6,800.00 | 6,799.55 | 227.27 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 7,783.77 | 7,723.88 | 59.88 | 129.986 | | |
| 14,400.00 | 6,840.00 | 6,800.00 | 6,799.55 | 229.95 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 7,879.87 | 7,819.96 | 59.91 | 131.538 | | |
| 14,500.00 | 6,840.00 | 6,800.00 | 6,799.55 | 232.63 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 7,976.07 | 7,916.14 | 59.93 | 133.090 | | |
| 14,600.00 | 6,840.00 | 6,800.00 | 6,799.55 | 235.31 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 8,072.36 | 8,012.41 | 59.95 | 134.642 | | |
| 14,700.00 | 6,840.00 | 6,800.00 | 6,799.55 | 238.00 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 8,168.74 | 8,108.76 | 59.98 | 136.192 | | |
| 14,800.00 | 6,840.00 | 6,800.00 | 6,799.55 | 240.68 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 8,265.21 | 8,205.21 | 60.01 | 137.742 | | |
| 14,900.00 | 6,840.00 | 6,800.00 | 6,799.55 | 243.36 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 8,361.76 | 8,301.73 | 60.03 | 139.291 | | |
| 15,000.00 | 6,840.00 | 6,800.00 | 6,799.55 | 246.05 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 8,458.39 | 8,398.34 | 60.06 | 140.839 | | |
| 15,100.00 | 6,840.00 | 6,800.00 | 6,799.55 | 248.74 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 8,555.10 | 8,495.02 | 60.08 | 142.385 | | |
| 15,200.00 | 6,840.00 | 6,800.00 | 6,799.55 | 251.42 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 8,651.88 | 8,591.77 | 60.11 | 143.931 | | |
| 15,300.00 | 6,840.00 | 6,800.00 | 6,799.55 | 254.11 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 8,748.74 | 8,688.60 | 60.14 | 145.475 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST VERT PLUSS G 25-07 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 15,400.00 | 6,840.00 | 6,800.00 | 6,799.55 | 256.80 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 8,845.67 | 8,785.50 | 60.17 | 147.018 | |
| 15,500.00 | 6,840.00 | 6,800.00 | 6,799.55 | 259.49 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 8,942.66 | 8,882.46 | 60.20 | 148.559 | |
| 15,600.00 | 6,840.00 | 6,800.00 | 6,799.55 | 262.17 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 9,039.72 | 8,979.49 | 60.22 | 150.099 | |
| 15,700.00 | 6,840.00 | 6,800.00 | 6,799.55 | 264.86 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 9,136.84 | 9,076.58 | 60.25 | 151.637 | |
| 15,800.00 | 6,840.00 | 6,800.00 | 6,799.55 | 267.55 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 9,234.02 | 9,173.74 | 60.28 | 153.174 | |
| 15,900.00 | 6,840.00 | 6,800.00 | 6,799.55 | 270.25 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 9,331.26 | 9,270.95 | 60.32 | 154.709 | |
| 16,000.00 | 6,840.00 | 6,800.00 | 6,799.55 | 272.94 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 9,428.57 | 9,368.22 | 60.35 | 156.241 | |
| 16,100.00 | 6,840.00 | 6,800.00 | 6,799.55 | 275.63 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 9,525.92 | 9,465.54 | 60.38 | 157.772 | |
| 16,200.00 | 6,840.00 | 6,800.00 | 6,799.55 | 278.32 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 9,623.33 | 9,562.92 | 60.41 | 159.301 | |
| 16,300.00 | 6,840.00 | 6,800.00 | 6,799.55 | 281.02 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 9,720.80 | 9,660.35 | 60.44 | 160.828 | |
| 16,400.00 | 6,840.00 | 6,800.00 | 6,799.55 | 283.71 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 9,818.31 | 9,757.84 | 60.48 | 162.353 | |
| 16,500.00 | 6,840.00 | 6,800.00 | 6,799.55 | 286.40 | 2.34 | 89.99 | 1,164.11 | -1,720.20 | 9,915.87 | 9,855.37 | 60.51 | 163.875 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -32.17 | 2,613.20 | -1,643.46 | 3,087.36 | | | | | |
| 100.00 | 100.00 | 52.62 | 52.62 | 0.13 | 0.05 | -32.17 | 2,613.23 | -1,643.45 | 3,087.05 | 3,086.87 | 0.18 | N/A | | |
| 200.00 | 200.00 | 155.03 | 155.03 | 0.49 | 0.16 | -32.16 | 2,613.43 | -1,643.30 | 3,087.15 | 3,086.49 | 0.65 | 4,734.514 | | |
| 300.00 | 300.00 | 259.48 | 259.47 | 0.85 | 0.27 | -32.15 | 2,613.57 | -1,642.89 | 3,087.04 | 3,085.93 | 1.11 | 2,770.490 | | |
| 400.00 | 400.00 | 357.39 | 357.38 | 1.21 | 0.35 | -32.14 | 2,613.73 | -1,642.39 | 3,086.91 | 3,085.37 | 1.55 | 1,997.943 | | |
| 500.00 | 500.00 | 456.77 | 456.77 | 1.57 | 0.41 | -32.14 | 2,613.91 | -1,642.02 | 3,086.87 | 3,084.91 | 1.96 | 1,572.820 | | |
| 600.00 | 599.98 | 554.98 | 554.98 | 1.92 | 0.44 | 83.70 | 2,613.96 | -1,641.83 | 3,086.62 | 3,084.29 | 2.33 | 1,322.848 | | |
| 700.00 | 699.84 | 648.94 | 648.93 | 2.26 | 0.44 | 83.80 | 2,613.97 | -1,641.98 | 3,086.14 | 3,083.46 | 2.68 | 1,151.184 | | |
| 800.00 | 799.45 | 744.27 | 744.27 | 2.62 | 0.47 | 83.97 | 2,614.40 | -1,641.80 | 3,085.49 | 3,082.43 | 3.06 | 1,007.228 | | |
| 900.00 | 898.70 | 846.81 | 846.80 | 2.99 | 0.52 | 84.23 | 2,614.90 | -1,641.60 | 3,084.55 | 3,081.07 | 3.48 | 886.736 | | |
| 1,000.00 | 997.47 | 957.88 | 957.87 | 3.39 | 0.54 | 84.58 | 2,614.95 | -1,641.62 | 3,083.05 | 3,079.16 | 3.90 | 791.332 | | |
| 1,100.00 | 1,095.62 | 1,058.47 | 1,058.47 | 3.81 | 0.55 | 84.97 | 2,614.63 | -1,641.59 | 3,080.99 | 3,076.65 | 4.34 | 709.873 | | |
| 1,200.00 | 1,193.06 | 1,150.77 | 1,150.77 | 4.27 | 0.58 | 85.40 | 2,614.54 | -1,641.43 | 3,078.88 | 3,074.05 | 4.83 | 637.878 | | |
| 1,300.00 | 1,289.64 | 1,242.57 | 1,242.56 | 4.77 | 0.60 | 85.88 | 2,614.56 | -1,641.38 | 3,076.83 | 3,071.49 | 5.34 | 575.815 | | |
| 1,400.00 | 1,385.27 | 1,340.69 | 1,340.69 | 5.31 | 0.61 | 86.46 | 2,614.56 | -1,641.57 | 3,074.89 | 3,068.99 | 5.90 | 521.266 | | |
| 1,500.00 | 1,479.82 | 1,443.15 | 1,443.14 | 5.91 | 0.63 | 87.11 | 2,614.26 | -1,641.70 | 3,072.75 | 3,066.23 | 6.52 | 471.236 | | |
| 1,600.00 | 1,573.19 | 1,536.96 | 1,536.95 | 6.55 | 0.66 | 87.77 | 2,613.96 | -1,641.72 | 3,070.75 | 3,063.55 | 7.20 | 426.543 | | |
| 1,700.00 | 1,666.16 | 1,632.75 | 1,632.75 | 7.23 | 0.69 | 88.43 | 2,613.65 | -1,641.66 | 3,069.10 | 3,061.19 | 7.91 | 387.935 | | |
| 1,800.00 | 1,759.13 | 1,736.45 | 1,736.44 | 7.93 | 0.72 | 89.14 | 2,613.13 | -1,641.50 | 3,067.70 | 3,059.06 | 8.64 | 355.024 | | |
| 1,900.00 | 1,852.10 | 1,839.31 | 1,839.30 | 8.64 | 0.76 | 89.84 | 2,612.22 | -1,641.13 | 3,066.32 | 3,056.94 | 9.38 | 326.806 | | |
| 2,000.00 | 1,945.06 | 1,930.99 | 1,930.97 | 9.35 | 0.79 | 90.47 | 2,611.26 | -1,640.93 | 3,065.32 | 3,055.19 | 10.13 | 302.625 | | |
| 2,100.00 | 2,038.03 | 2,022.27 | 2,022.24 | 10.08 | 0.81 | 91.10 | 2,610.38 | -1,640.70 | 3,064.81 | 3,053.93 | 10.88 | 281.659 | | |
| 2,161.64 | 2,095.34 | 2,079.65 | 2,079.62 | 10.53 | 0.83 | 91.49 | 2,609.76 | -1,640.74 | 3,064.73 | 3,053.38 | 11.35 | 270.096 CC | | |
| 2,200.00 | 2,131.00 | 2,116.32 | 2,116.29 | 10.81 | 0.84 | 91.73 | 2,609.32 | -1,640.88 | 3,064.76 | 3,053.12 | 11.64 | 263.364 | | |
| 2,300.00 | 2,223.97 | 2,213.45 | 2,213.41 | 11.54 | 0.87 | 92.39 | 2,608.07 | -1,641.12 | 3,065.03 | 3,052.63 | 12.40 | 247.209 | | |
| 2,400.00 | 2,316.94 | 2,302.55 | 2,302.51 | 12.28 | 0.90 | 92.99 | 2,607.01 | -1,641.18 | 3,065.75 | 3,052.59 | 13.16 | 232.946 ES | | |
| 2,500.00 | 2,409.90 | 2,381.52 | 2,381.47 | 13.02 | 0.92 | 93.53 | 2,606.33 | -1,641.26 | 3,067.18 | 3,053.26 | 13.92 | 220.348 | | |
| 2,600.00 | 2,502.87 | 2,466.31 | 2,466.26 | 13.77 | 0.94 | 94.11 | 2,605.93 | -1,641.37 | 3,069.40 | 3,054.73 | 14.68 | 209.158 | | |
| 2,700.00 | 2,595.84 | 2,563.33 | 2,563.28 | 14.51 | 0.97 | 94.77 | 2,605.71 | -1,641.20 | 3,072.17 | 3,056.73 | 15.44 | 199.006 | | |
| 2,800.00 | 2,688.81 | 2,661.07 | 2,661.02 | 15.26 | 1.00 | 95.45 | 2,605.28 | -1,640.92 | 3,075.14 | 3,058.94 | 16.20 | 189.775 | | |
| 2,900.00 | 2,781.77 | 2,751.13 | 2,751.07 | 16.01 | 1.03 | 96.06 | 2,604.87 | -1,640.62 | 3,078.54 | 3,061.57 | 16.97 | 181.446 | | |
| 3,000.00 | 2,874.74 | 2,841.21 | 2,841.16 | 16.76 | 1.06 | 96.68 | 2,604.62 | -1,640.28 | 3,082.51 | 3,064.78 | 17.73 | 173.893 | | |
| 3,100.00 | 2,967.71 | 2,935.31 | 2,935.25 | 17.52 | 1.09 | 97.33 | 2,604.39 | -1,639.81 | 3,086.92 | 3,068.43 | 18.48 | 167.002 | | |
| 3,200.00 | 3,060.68 | 3,028.06 | 3,028.00 | 18.27 | 1.12 | 97.97 | 2,604.20 | -1,639.13 | 3,091.74 | 3,072.50 | 19.24 | 160.713 | | |
| 3,300.00 | 3,153.65 | 3,117.76 | 3,117.70 | 19.03 | 1.14 | 98.58 | 2,604.08 | -1,638.45 | 3,097.06 | 3,077.07 | 19.99 | 154.965 | | |
| 3,400.00 | 3,246.61 | 3,208.81 | 3,208.75 | 19.78 | 1.17 | 99.21 | 2,604.10 | -1,637.63 | 3,102.92 | 3,082.19 | 20.73 | 149.692 | | |
| 3,500.00 | 3,339.58 | 3,317.98 | 3,317.90 | 20.54 | 1.20 | 99.97 | 2,604.02 | -1,635.91 | 3,108.98 | 3,087.50 | 21.47 | 144.787 | | |
| 3,600.00 | 3,432.55 | 3,385.32 | 3,385.24 | 21.30 | 1.22 | 100.44 | 2,604.14 | -1,634.96 | 3,115.72 | 3,093.52 | 22.20 | 140.361 | | |
| 3,700.00 | 3,525.52 | 3,488.83 | 3,488.74 | 22.06 | 1.24 | 101.14 | 2,604.36 | -1,634.08 | 3,123.11 | 3,100.18 | 22.93 | 136.205 | | |
| 3,800.00 | 3,618.49 | 3,589.51 | 3,589.42 | 22.82 | 1.27 | 101.82 | 2,604.08 | -1,633.48 | 3,130.54 | 3,106.88 | 23.66 | 132.294 | | |
| 3,900.00 | 3,711.45 | 3,683.07 | 3,682.97 | 23.57 | 1.30 | 102.45 | 2,603.70 | -1,632.95 | 3,138.28 | 3,113.89 | 24.39 | 128.654 | | |
| 4,000.00 | 3,804.42 | 3,773.41 | 3,773.32 | 24.33 | 1.33 | 103.04 | 2,603.33 | -1,632.56 | 3,146.47 | 3,121.35 | 25.12 | 125.266 | | |
| 4,100.00 | 3,897.39 | 3,866.19 | 3,866.10 | 25.09 | 1.36 | 103.65 | 2,602.98 | -1,632.31 | 3,155.12 | 3,129.28 | 25.84 | 122.111 | | |
| 4,200.00 | 3,990.36 | 3,955.55 | 3,955.45 | 25.86 | 1.38 | 104.23 | 2,602.60 | -1,632.36 | 3,164.20 | 3,137.65 | 26.55 | 119.169 | | |
| 4,300.00 | 4,083.32 | 4,042.50 | 4,042.40 | 26.62 | 1.39 | 104.79 | 2,602.36 | -1,632.63 | 3,173.85 | 3,146.59 | 27.26 | 116.436 | | |
| 4,400.00 | 4,176.29 | 4,131.87 | 4,131.76 | 27.38 | 1.40 | 105.35 | 2,602.16 | -1,633.52 | 3,184.04 | 3,156.08 | 27.96 | 113.888 | | |
| 4,500.00 | 4,269.26 | 4,226.67 | 4,226.55 | 28.14 | 1.40 | 105.94 | 2,601.93 | -1,634.85 | 3,194.64 | 3,165.98 | 28.65 | 111.490 | | |
| 4,600.00 | 4,362.23 | 4,325.30 | 4,325.17 | 28.90 | 1.41 | 106.53 | 2,601.49 | -1,636.65 | 3,205.46 | 3,176.11 | 29.35 | 109.218 | | |
| 4,700.00 | 4,455.20 | 4,419.70 | 4,419.55 | 29.66 | 1.42 | 107.10 | 2,600.98 | -1,638.48 | 3,216.56 | 3,186.53 | 30.04 | 107.080 | | |
| 4,800.00 | 4,548.16 | 4,514.10 | 4,513.93 | 30.43 | 1.43 | 107.66 | 2,600.46 | -1,640.29 | 3,228.00 | 3,197.28 | 30.72 | 105.065 | | |
| 4,900.00 | 4,641.13 | 4,613.56 | 4,613.37 | 31.19 | 1.44 | 108.25 | 2,599.82 | -1,642.00 | 3,239.67 | 3,208.26 | 31.41 | 103.150 | | |
| 5,000.00 | 4,734.10 | 4,703.50 | 4,703.30 | 31.95 | 1.45 | 108.79 | 2,599.25 | -1,643.50 | 3,251.66 | 3,219.58 | 32.08 | 101.357 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,788.64 | 4,788.42 | 32.71 | 1.47 | 109.29 | 2,598.84 | -1,644.93 | 3,264.15 | 3,231.40 | 32.75 | 99.679 | | |
| 5,200.00 | 4,920.04 | 4,869.12 | 4,868.90 | 33.48 | 1.47 | 109.76 | 2,598.70 | -1,646.41 | 3,277.26 | 3,243.86 | 33.40 | 98.115 | | |
| 5,300.00 | 5,013.00 | 4,971.75 | 4,971.50 | 34.24 | 1.48 | 110.35 | 2,598.70 | -1,648.65 | 3,290.89 | 3,256.83 | 34.07 | 96.604 | | |
| 5,400.00 | 5,105.97 | 5,073.02 | 5,072.74 | 35.00 | 1.50 | 110.92 | 2,598.27 | -1,650.78 | 3,304.43 | 3,269.70 | 34.73 | 95.159 | | |
| 5,500.00 | 5,198.94 | 5,184.96 | 5,184.66 | 35.77 | 1.51 | 111.56 | 2,597.48 | -1,653.06 | 3,318.02 | 3,282.63 | 35.39 | 93.760 | | |
| 5,600.00 | 5,291.91 | 5,273.32 | 5,273.00 | 36.53 | 1.53 | 112.05 | 2,596.59 | -1,654.85 | 3,331.63 | 3,295.59 | 36.03 | 92.459 | | |
| 5,700.00 | 5,384.87 | 5,359.93 | 5,359.57 | 37.29 | 1.54 | 112.53 | 2,595.93 | -1,657.00 | 3,345.78 | 3,309.11 | 36.67 | 91.235 | | |
| 5,800.00 | 5,477.84 | 5,451.12 | 5,450.71 | 38.06 | 1.56 | 113.01 | 2,595.36 | -1,659.90 | 3,360.37 | 3,323.06 | 37.31 | 90.066 | | |
| 5,900.00 | 5,570.81 | 5,543.06 | 5,542.59 | 38.82 | 1.57 | 113.49 | 2,594.80 | -1,663.37 | 3,375.27 | 3,337.33 | 37.94 | 88.952 | | |
| 6,000.00 | 5,663.78 | 5,643.94 | 5,643.36 | 39.59 | 1.59 | 114.00 | 2,594.24 | -1,668.10 | 3,390.48 | 3,351.90 | 38.58 | 87.871 | | |
| 6,100.00 | 5,756.75 | 5,733.29 | 5,732.61 | 40.35 | 1.60 | 114.44 | 2,593.43 | -1,672.23 | 3,405.63 | 3,366.42 | 39.21 | 86.855 | | |
| 6,200.00 | 5,849.71 | 5,800.00 | 5,799.27 | 41.12 | 1.61 | 114.78 | 2,593.36 | -1,674.81 | 3,421.74 | 3,381.93 | 39.81 | 85.950 | | |
| 6,300.00 | 5,942.68 | 5,874.51 | 5,873.73 | 41.88 | 1.62 | 115.17 | 2,593.79 | -1,677.20 | 3,438.76 | 3,398.35 | 40.41 | 85.103 | | |
| 6,400.00 | 6,035.65 | 5,964.85 | 5,964.04 | 42.64 | 1.63 | 115.64 | 2,594.55 | -1,679.44 | 3,456.33 | 3,415.32 | 41.01 | 84.286 | | |
| 6,500.00 | 6,128.62 | 6,053.12 | 6,052.31 | 43.41 | 1.64 | 116.11 | 2,595.30 | -1,680.83 | 3,474.20 | 3,432.61 | 41.60 | 83.523 | | |
| 6,600.00 | 6,221.59 | 6,135.70 | 6,134.87 | 44.17 | 1.65 | 116.55 | 2,596.20 | -1,681.91 | 3,492.59 | 3,450.42 | 42.17 | 82.815 | | |
| 6,700.00 | 6,314.55 | 6,219.68 | 6,218.83 | 44.94 | 1.65 | 116.98 | 2,597.42 | -1,683.31 | 3,511.57 | 3,468.82 | 42.75 | 82.146 | | |
| 6,800.00 | 6,407.52 | 6,318.28 | 6,317.40 | 45.70 | 1.66 | 117.48 | 2,598.90 | -1,685.42 | 3,530.83 | 3,487.50 | 43.33 | 81.482 | | |
| 6,900.00 | 6,499.98 | 6,420.48 | 6,419.56 | 46.49 | 1.68 | 113.10 | 2,600.26 | -1,688.10 | 3,550.16 | 3,506.22 | 43.94 | 80.800 | | |
| 7,000.00 | 6,586.50 | 6,522.70 | 6,521.71 | 47.49 | 1.69 | 105.77 | 2,601.34 | -1,691.44 | 3,569.41 | 3,524.69 | 44.72 | 79.819 | | |
| 7,100.00 | 6,663.58 | 6,625.73 | 6,624.67 | 48.75 | 1.71 | 101.50 | 2,601.92 | -1,695.25 | 3,588.42 | 3,542.71 | 45.71 | 78.508 | | |
| 7,200.00 | 6,728.87 | 6,714.92 | 6,713.78 | 50.23 | 1.73 | 98.63 | 2,601.85 | -1,699.18 | 3,607.23 | 3,560.36 | 46.87 | 76.961 | | |
| 7,300.00 | 6,780.38 | 6,765.97 | 6,764.76 | 51.91 | 1.74 | 96.14 | 2,601.75 | -1,701.58 | 3,626.44 | 3,578.30 | 48.15 | 75.319 | | |
| 7,400.00 | 6,816.56 | 6,810.76 | 6,809.51 | 53.74 | 1.75 | 94.06 | 2,601.70 | -1,703.68 | 3,646.25 | 3,596.72 | 49.53 | 73.620 | | |
| 7,500.00 | 6,836.29 | 7,500.00 | 6,957.07 | 55.65 | 1.94 | 93.98 | 2,598.67 | -1,711.24 | 3,665.83 | 3,614.67 | 51.16 | 71.649 | | |
| 7,600.00 | 6,840.00 | 7,600.00 | 6,968.09 | 57.58 | 1.97 | 92.72 | 2,598.34 | -1,711.72 | 3,686.09 | 3,633.51 | 52.57 | 70.117 | | |
| 7,700.00 | 6,840.00 | 7,035.84 | 7,034.15 | 59.56 | 1.81 | 93.81 | 2,595.30 | -1,715.42 | 3,708.41 | 3,654.45 | 53.97 | 68.718 | | |
| 7,800.00 | 6,840.00 | 7,041.31 | 7,039.61 | 61.60 | 1.82 | 93.89 | 2,595.01 | -1,715.73 | 3,733.26 | 3,677.89 | 55.36 | 67.430 | | |
| 7,900.00 | 6,840.00 | 7,046.79 | 7,045.07 | 63.69 | 1.82 | 93.98 | 2,594.72 | -1,716.03 | 3,760.59 | 3,703.84 | 56.76 | 66.259 | | |
| 8,000.00 | 6,840.00 | 7,052.26 | 7,050.53 | 65.82 | 1.82 | 94.07 | 2,594.43 | -1,716.33 | 3,790.36 | 3,732.23 | 58.13 | 65.200 | | |
| 8,100.00 | 6,840.00 | 7,057.73 | 7,055.99 | 67.99 | 1.82 | 94.15 | 2,594.14 | -1,716.63 | 3,822.51 | 3,763.01 | 59.49 | 64.251 | | |
| 8,200.00 | 6,840.00 | 7,063.21 | 7,061.45 | 70.21 | 1.83 | 94.24 | 2,593.85 | -1,716.93 | 3,856.97 | 3,796.14 | 60.83 | 63.406 | | |
| 8,300.00 | 6,840.00 | 7,068.68 | 7,066.90 | 72.45 | 1.83 | 94.33 | 2,593.57 | -1,717.23 | 3,893.69 | 3,831.55 | 62.14 | 62.662 | | |
| 8,400.00 | 6,840.00 | 7,074.16 | 7,072.36 | 74.73 | 1.83 | 94.41 | 2,593.28 | -1,717.53 | 3,932.60 | 3,869.19 | 63.42 | 62.013 | | |
| 8,500.00 | 6,840.00 | 7,079.63 | 7,077.82 | 77.04 | 1.83 | 94.50 | 2,592.99 | -1,717.83 | 3,973.64 | 3,908.98 | 64.66 | 61.454 | | |
| 8,600.00 | 6,840.00 | 7,085.11 | 7,083.28 | 79.38 | 1.84 | 94.59 | 2,592.70 | -1,718.13 | 4,016.75 | 3,950.88 | 65.87 | 60.980 | | |
| 8,700.00 | 6,840.00 | 7,090.58 | 7,088.74 | 81.74 | 1.84 | 94.67 | 2,592.41 | -1,718.44 | 4,061.85 | 3,994.81 | 67.04 | 60.586 | | |
| 8,800.00 | 6,840.00 | 7,096.06 | 7,094.20 | 84.12 | 1.84 | 94.76 | 2,592.12 | -1,718.74 | 4,108.88 | 4,040.71 | 68.18 | 60.267 | | |
| 8,900.00 | 6,840.00 | 7,101.53 | 7,099.66 | 86.52 | 1.84 | 94.85 | 2,591.83 | -1,719.04 | 4,157.78 | 4,088.51 | 69.27 | 60.019 | | |
| 9,000.00 | 6,840.00 | 7,107.01 | 7,105.12 | 88.94 | 1.85 | 94.93 | 2,591.54 | -1,719.34 | 4,208.49 | 4,138.15 | 70.33 | 59.837 | | |
| 9,100.00 | 6,840.00 | 7,112.48 | 7,110.57 | 91.38 | 1.85 | 95.02 | 2,591.26 | -1,719.64 | 4,260.92 | 4,189.57 | 71.35 | 59.718 | | |
| 9,200.00 | 6,840.00 | 7,117.96 | 7,116.03 | 93.83 | 1.85 | 95.11 | 2,590.97 | -1,719.94 | 4,315.04 | 4,242.71 | 72.33 | 59.658 | | |
| 9,300.00 | 6,840.00 | 7,123.43 | 7,121.49 | 96.30 | 1.85 | 95.19 | 2,590.68 | -1,720.24 | 4,370.76 | 4,297.49 | 73.27 | 59.652 SF | | |
| 9,400.00 | 6,840.00 | 7,128.91 | 7,126.95 | 98.79 | 1.86 | 95.28 | 2,590.39 | -1,720.54 | 4,428.03 | 4,353.86 | 74.17 | 59.698 | | |
| 9,500.00 | 6,840.00 | 7,134.38 | 7,132.41 | 101.28 | 1.86 | 95.37 | 2,590.10 | -1,720.84 | 4,486.80 | 4,411.76 | 75.04 | 59.792 | | |
| 9,600.00 | 6,840.00 | 7,139.86 | 7,137.87 | 103.79 | 1.86 | 95.46 | 2,589.81 | -1,721.15 | 4,547.00 | 4,471.13 | 75.87 | 59.931 | | |
| 9,700.00 | 6,840.00 | 7,145.33 | 7,143.33 | 106.30 | 1.87 | 95.54 | 2,589.52 | -1,721.45 | 4,608.57 | 4,531.91 | 76.66 | 60.113 | | |
| 9,800.00 | 6,840.00 | 7,150.80 | 7,148.79 | 108.83 | 1.87 | 95.63 | 2,589.23 | -1,721.75 | 4,671.47 | 4,594.05 | 77.43 | 60.335 | | |
| 9,900.00 | 6,840.00 | 7,156.28 | 7,154.24 | 111.37 | 1.87 | 95.72 | 2,588.95 | -1,722.05 | 4,735.64 | 4,657.49 | 78.15 | 60.595 | | |
| 10,000.00 | 6,840.00 | 7,161.75 | 7,159.70 | 113.91 | 1.87 | 95.80 | 2,588.66 | -1,722.35 | 4,801.03 | 4,722.18 | 78.85 | 60.890 | | |
| 10,100.00 | 6,840.00 | 7,167.23 | 7,165.16 | 116.47 | 1.88 | 95.89 | 2,588.37 | -1,722.65 | 4,867.59 | 4,788.08 | 79.51 | 61.218 | | |
| 10,200.00 | 6,840.00 | 7,172.70 | 7,170.62 | 119.03 | 1.88 | 95.98 | 2,588.08 | -1,722.95 | 4,935.27 | 4,855.12 | 80.15 | 61.578 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 7,178.18 | 7,176.08 | 121.59 | 1.88 | 96.06 | 2,587.79 | -1,723.25 | 5,004.03 | 4,923.27 | 80.75 | 61.967 | | |
| 10,400.00 | 6,840.00 | 7,183.65 | 7,181.54 | 124.17 | 1.88 | 96.15 | 2,587.50 | -1,723.55 | 5,073.82 | 4,992.48 | 81.33 | 62.384 | | |
| 10,500.00 | 6,840.00 | 7,189.13 | 7,187.00 | 126.75 | 1.89 | 96.24 | 2,587.21 | -1,723.86 | 5,144.60 | 5,062.71 | 81.88 | 62.827 | | |
| 10,600.00 | 6,840.00 | 7,194.60 | 7,192.46 | 129.34 | 1.89 | 96.32 | 2,586.92 | -1,724.16 | 5,216.33 | 5,133.92 | 82.41 | 63.296 | | |
| 10,700.00 | 6,840.00 | 7,200.08 | 7,197.91 | 131.93 | 1.89 | 96.41 | 2,586.64 | -1,724.46 | 5,288.98 | 5,206.06 | 82.92 | 63.787 | | |
| 10,800.00 | 6,840.00 | 7,205.55 | 7,203.37 | 134.53 | 1.89 | 96.50 | 2,586.35 | -1,724.76 | 5,362.50 | 5,279.10 | 83.40 | 64.301 | | |
| 10,900.00 | 6,840.00 | 7,211.03 | 7,208.83 | 137.13 | 1.90 | 96.58 | 2,586.06 | -1,725.06 | 5,436.86 | 5,353.00 | 83.86 | 64.835 | | |
| 11,000.00 | 6,840.00 | 7,216.50 | 7,214.29 | 139.73 | 1.90 | 96.67 | 2,585.77 | -1,725.36 | 5,512.02 | 5,427.73 | 84.30 | 65.390 | | |
| 11,100.00 | 6,840.00 | 7,221.98 | 7,219.75 | 142.35 | 1.90 | 96.76 | 2,585.48 | -1,725.66 | 5,587.96 | 5,503.25 | 84.71 | 65.963 | | |
| 11,200.00 | 6,840.00 | 7,227.45 | 7,225.21 | 144.96 | 1.90 | 96.84 | 2,585.19 | -1,725.96 | 5,664.64 | 5,579.53 | 85.11 | 66.554 | | |
| 11,300.00 | 6,840.00 | 7,232.93 | 7,230.67 | 147.58 | 1.91 | 96.93 | 2,584.90 | -1,726.26 | 5,742.04 | 5,656.54 | 85.50 | 67.161 | | |
| 11,400.00 | 6,840.00 | 7,238.40 | 7,236.13 | 150.20 | 1.91 | 97.01 | 2,584.62 | -1,726.57 | 5,820.12 | 5,734.25 | 85.86 | 67.785 | | |
| 11,500.00 | 6,840.00 | 7,243.87 | 7,241.59 | 152.83 | 1.91 | 97.10 | 2,584.33 | -1,726.87 | 5,898.85 | 5,812.64 | 86.21 | 68.424 | | |
| 11,600.00 | 6,840.00 | 7,249.35 | 7,247.04 | 155.46 | 1.91 | 97.19 | 2,584.04 | -1,727.17 | 5,978.21 | 5,891.67 | 86.54 | 69.077 | | |
| 11,700.00 | 6,840.00 | 7,254.82 | 7,252.50 | 158.09 | 1.92 | 97.27 | 2,583.75 | -1,727.47 | 6,058.19 | 5,971.32 | 86.86 | 69.744 | | |
| 11,800.00 | 6,840.00 | 7,260.30 | 7,257.96 | 160.73 | 1.92 | 97.36 | 2,583.46 | -1,727.77 | 6,138.74 | 6,051.57 | 87.17 | 70.424 | | |
| 11,900.00 | 6,840.00 | 7,265.77 | 7,263.42 | 163.36 | 1.92 | 97.45 | 2,583.17 | -1,728.07 | 6,219.85 | 6,132.39 | 87.46 | 71.116 | | |
| 12,000.00 | 6,840.00 | 7,271.25 | 7,268.88 | 166.01 | 1.92 | 97.53 | 2,582.88 | -1,728.37 | 6,301.50 | 6,213.76 | 87.74 | 71.820 | | |
| 12,100.00 | 6,840.00 | 7,276.72 | 7,274.34 | 168.65 | 1.93 | 97.62 | 2,582.59 | -1,728.67 | 6,383.67 | 6,295.66 | 88.01 | 72.535 | | |
| 12,200.00 | 6,840.00 | 7,282.20 | 7,279.80 | 171.30 | 1.93 | 97.71 | 2,582.31 | -1,728.97 | 6,466.34 | 6,378.07 | 88.26 | 73.261 | | |
| 12,300.00 | 6,840.00 | 7,287.67 | 7,285.26 | 173.94 | 1.93 | 97.79 | 2,582.02 | -1,729.28 | 6,549.48 | 6,460.97 | 88.51 | 73.997 | | |
| 12,400.00 | 6,840.00 | 7,293.15 | 7,290.71 | 176.59 | 1.93 | 97.88 | 2,581.73 | -1,729.58 | 6,633.09 | 6,544.34 | 88.75 | 74.743 | | |
| 12,500.00 | 6,840.00 | 7,267.00 | 7,264.64 | 179.25 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 6,717.21 | 6,628.28 | 88.93 | 75.531 | | |
| 12,600.00 | 6,840.00 | 7,267.00 | 7,264.64 | 181.90 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 6,801.72 | 6,712.57 | 89.14 | 76.301 | | |
| 12,700.00 | 6,840.00 | 7,267.00 | 7,264.64 | 184.56 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 6,886.64 | 6,797.29 | 89.34 | 77.079 | | |
| 12,800.00 | 6,840.00 | 7,267.00 | 7,264.64 | 187.22 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 6,971.96 | 6,882.42 | 89.54 | 77.866 | | |
| 12,900.00 | 6,840.00 | 7,267.00 | 7,264.64 | 189.88 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 7,057.66 | 6,967.94 | 89.72 | 78.660 | | |
| 13,000.00 | 6,840.00 | 7,267.00 | 7,264.64 | 192.54 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 7,143.74 | 7,053.83 | 89.90 | 79.462 | | |
| 13,100.00 | 6,840.00 | 7,267.00 | 7,264.64 | 195.20 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 7,230.17 | 7,140.10 | 90.07 | 80.270 | | |
| 13,200.00 | 6,840.00 | 7,267.00 | 7,264.64 | 197.87 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 7,316.95 | 7,226.71 | 90.24 | 81.086 | | |
| 13,300.00 | 6,840.00 | 7,267.00 | 7,264.64 | 200.53 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 7,404.06 | 7,313.67 | 90.40 | 81.907 | | |
| 13,400.00 | 6,840.00 | 7,267.00 | 7,264.64 | 203.20 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 7,491.50 | 7,400.95 | 90.55 | 82.735 | | |
| 13,500.00 | 6,840.00 | 7,267.00 | 7,264.64 | 205.87 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 7,579.25 | 7,488.55 | 90.69 | 83.569 | | |
| 13,600.00 | 6,840.00 | 7,267.00 | 7,264.64 | 208.54 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 7,667.29 | 7,576.46 | 90.84 | 84.409 | | |
| 13,700.00 | 6,840.00 | 7,267.00 | 7,264.64 | 211.22 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 7,755.63 | 7,664.66 | 90.97 | 85.254 | | |
| 13,800.00 | 6,840.00 | 7,267.00 | 7,264.64 | 213.89 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 7,844.24 | 7,753.14 | 91.10 | 86.104 | | |
| 13,900.00 | 6,840.00 | 7,267.00 | 7,264.64 | 216.56 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 7,933.13 | 7,841.90 | 91.23 | 86.959 | | |
| 14,000.00 | 6,840.00 | 7,267.00 | 7,264.64 | 219.24 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 8,022.28 | 7,930.93 | 91.35 | 87.819 | | |
| 14,100.00 | 6,840.00 | 7,267.00 | 7,264.64 | 221.92 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 8,111.68 | 8,020.21 | 91.47 | 88.683 | | |
| 14,200.00 | 6,840.00 | 7,267.00 | 7,264.64 | 224.59 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 8,201.33 | 8,109.75 | 91.58 | 89.552 | | |
| 14,300.00 | 6,840.00 | 7,267.00 | 7,264.64 | 227.27 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 8,291.21 | 8,199.52 | 91.69 | 90.425 | | |
| 14,400.00 | 6,840.00 | 7,267.00 | 7,264.64 | 229.95 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 8,381.32 | 8,289.52 | 91.80 | 91.302 | | |
| 14,500.00 | 6,840.00 | 7,267.00 | 7,264.64 | 232.63 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 8,471.66 | 8,379.76 | 91.90 | 92.183 | | |
| 14,600.00 | 6,840.00 | 7,267.00 | 7,264.64 | 235.31 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 8,562.21 | 8,470.21 | 92.00 | 93.067 | | |
| 14,700.00 | 6,840.00 | 7,267.00 | 7,264.64 | 238.00 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 8,652.96 | 8,560.87 | 92.10 | 93.955 | | |
| 14,800.00 | 6,840.00 | 7,267.00 | 7,264.64 | 240.68 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 8,743.92 | 8,651.73 | 92.19 | 94.846 | | |
| 14,900.00 | 6,840.00 | 7,267.00 | 7,264.64 | 243.36 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 8,835.08 | 8,742.79 | 92.28 | 95.741 | | |
| 15,000.00 | 6,840.00 | 7,267.00 | 7,264.64 | 246.05 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 8,926.42 | 8,834.05 | 92.37 | 96.638 | | |
| 15,100.00 | 6,840.00 | 7,267.00 | 7,264.64 | 248.74 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 9,017.95 | 8,925.49 | 92.46 | 97.539 | | |
| 15,200.00 | 6,840.00 | 7,267.00 | 7,264.64 | 251.42 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 9,109.65 | 9,017.11 | 92.54 | 98.442 | | |
| 15,300.00 | 6,840.00 | 7,267.00 | 7,264.64 | 254.11 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 9,201.53 | 9,108.91 | 92.62 | 99.348 | | |
| 15,400.00 | 6,840.00 | 7,267.00 | 7,264.64 | 256.80 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 9,293.58 | 9,200.88 | 92.70 | 100.256 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 15,500.00 | 6,840.00 | 7,267.00 | 7,264.64 | 259.49 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 9,385.79 | 9,293.01 | 92.77 | 101.167 | |
| 15,600.00 | 6,840.00 | 7,267.00 | 7,264.64 | 262.17 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 9,478.15 | 9,385.30 | 92.85 | 102.081 | |
| 15,700.00 | 6,840.00 | 7,267.00 | 7,264.64 | 264.86 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 9,570.67 | 9,477.75 | 92.92 | 102.996 | |
| 15,800.00 | 6,840.00 | 7,267.00 | 7,264.64 | 267.55 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 9,663.34 | 9,570.35 | 92.99 | 103.914 | |
| 15,900.00 | 6,840.00 | 7,267.00 | 7,264.64 | 270.25 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 9,756.16 | 9,663.09 | 93.06 | 104.834 | |
| 16,000.00 | 6,840.00 | 7,267.00 | 7,264.64 | 272.94 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 9,849.11 | 9,755.98 | 93.13 | 105.755 | |
| 16,100.00 | 6,840.00 | 7,267.00 | 7,264.64 | 275.63 | 1.92 | 97.47 | 2,583.11 | -1,728.14 | 9,942.20 | 9,849.00 | 93.20 | 106.679 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-01 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 1.00 | 1.00 | 0.00 | 0.00 | 0.06 | 269.95 | 0.28 | 269.95 | | | | | |
| 100.00 | 100.00 | 101.00 | 101.00 | 0.13 | 0.14 | 0.06 | 269.95 | 0.28 | 269.95 | 269.68 | 0.27 | 999.064 | CC, ES | |
| 200.00 | 200.00 | 193.92 | 193.90 | 0.49 | 0.47 | -0.14 | 271.17 | -0.65 | 271.27 | 270.30 | 0.97 | 279.928 | | |
| 300.00 | 300.00 | 286.71 | 286.57 | 0.85 | 0.81 | -0.71 | 274.79 | -3.39 | 275.19 | 273.52 | 1.67 | 165.002 | | |
| 400.00 | 400.00 | 379.10 | 378.66 | 1.21 | 1.16 | -1.62 | 280.77 | -7.93 | 281.77 | 279.40 | 2.37 | 118.994 | | |
| 500.00 | 500.00 | 470.92 | 469.89 | 1.57 | 1.51 | -2.81 | 289.05 | -14.21 | 291.07 | 288.00 | 3.07 | 94.818 | | |
| 600.00 | 599.98 | 562.02 | 560.02 | 1.92 | 1.89 | 111.61 | 299.57 | -22.18 | 303.81 | 300.05 | 3.76 | 80.721 | | |
| 700.00 | 699.84 | 652.21 | 648.80 | 2.26 | 2.29 | 110.51 | 312.23 | -31.77 | 320.55 | 316.09 | 4.46 | 71.916 | | |
| 800.00 | 799.45 | 741.29 | 735.94 | 2.62 | 2.70 | 109.68 | 326.91 | -42.90 | 341.13 | 335.97 | 5.16 | 66.076 | | |
| 900.00 | 898.70 | 829.06 | 821.21 | 2.99 | 3.14 | 109.07 | 343.48 | -55.46 | 365.43 | 359.55 | 5.88 | 62.111 | | |
| 1,000.00 | 997.47 | 915.34 | 904.38 | 3.39 | 3.61 | 108.65 | 361.79 | -69.34 | 393.34 | 386.71 | 6.62 | 59.381 | | |
| 1,100.00 | 1,095.62 | 999.97 | 985.24 | 3.81 | 4.09 | 108.35 | 381.68 | -84.42 | 424.74 | 417.36 | 7.39 | 57.509 | | |
| 1,200.00 | 1,193.06 | 1,082.80 | 1,063.64 | 4.27 | 4.61 | 108.15 | 402.98 | -100.56 | 459.56 | 451.37 | 8.18 | 56.173 | | |
| 1,300.00 | 1,289.64 | 1,163.72 | 1,139.45 | 4.77 | 5.14 | 108.01 | 425.52 | -117.65 | 497.67 | 488.66 | 9.01 | 55.237 | | |
| 1,400.00 | 1,385.27 | 1,242.61 | 1,212.56 | 5.31 | 5.70 | 107.88 | 449.14 | -135.56 | 539.00 | 529.13 | 9.87 | 54.591 | | |
| 1,500.00 | 1,479.82 | 1,319.40 | 1,282.91 | 5.91 | 6.27 | 107.75 | 473.66 | -154.14 | 583.43 | 572.66 | 10.77 | 54.154 | | |
| 1,600.00 | 1,573.19 | 1,394.01 | 1,350.46 | 6.55 | 6.85 | 107.78 | 498.91 | -173.28 | 630.85 | 619.14 | 11.71 | 53.864 | | |
| 1,700.00 | 1,666.16 | 1,466.90 | 1,415.62 | 7.23 | 7.46 | 108.50 | 524.93 | -193.00 | 680.52 | 667.85 | 12.67 | 53.716 | | |
| 1,800.00 | 1,759.13 | 1,538.25 | 1,478.59 | 7.93 | 8.08 | 109.03 | 551.67 | -213.27 | 732.02 | 718.39 | 13.63 | 53.720 | | |
| 1,900.00 | 1,852.10 | 1,615.80 | 1,546.22 | 8.64 | 8.79 | 109.45 | 581.91 | -236.20 | 785.03 | 770.35 | 14.68 | 53.486 | | |
| 2,000.00 | 1,945.06 | 1,700.32 | 1,619.82 | 9.35 | 9.57 | 109.84 | 615.03 | -261.30 | 838.26 | 822.43 | 15.83 | 52.953 | | |
| 2,100.00 | 2,038.03 | 1,784.85 | 1,693.43 | 10.08 | 10.36 | 110.18 | 648.14 | -286.40 | 891.51 | 874.52 | 17.00 | 52.449 | | |
| 2,200.00 | 2,131.00 | 1,869.37 | 1,767.03 | 10.81 | 11.15 | 110.48 | 681.26 | -311.51 | 944.79 | 926.62 | 18.18 | 51.980 | | |
| 2,300.00 | 2,223.97 | 1,953.90 | 1,840.63 | 11.54 | 11.95 | 110.76 | 714.38 | -336.61 | 998.09 | 978.72 | 19.36 | 51.546 | | |
| 2,400.00 | 2,316.94 | 2,038.42 | 1,914.24 | 12.28 | 12.76 | 111.00 | 747.50 | -361.72 | 1,051.39 | 1,030.84 | 20.56 | 51.144 | | |
| 2,500.00 | 2,409.90 | 2,122.95 | 1,987.84 | 13.02 | 13.56 | 111.22 | 780.61 | -386.82 | 1,104.71 | 1,082.96 | 21.76 | 50.771 | | |
| 2,600.00 | 2,502.87 | 2,207.48 | 2,061.45 | 13.77 | 14.37 | 111.42 | 813.73 | -411.92 | 1,158.05 | 1,135.08 | 22.96 | 50.427 | | |
| 2,700.00 | 2,595.84 | 2,292.00 | 2,135.05 | 14.51 | 15.18 | 111.61 | 846.85 | -437.03 | 1,211.39 | 1,187.21 | 24.18 | 50.108 | | |
| 2,800.00 | 2,688.81 | 2,376.53 | 2,208.65 | 15.26 | 15.99 | 111.77 | 879.97 | -462.13 | 1,264.74 | 1,239.34 | 25.39 | 49.811 | | |
| 2,900.00 | 2,781.77 | 2,461.05 | 2,282.26 | 16.01 | 16.80 | 111.93 | 913.08 | -487.24 | 1,318.09 | 1,291.48 | 26.61 | 49.535 | | |
| 3,000.00 | 2,874.74 | 2,545.58 | 2,355.86 | 16.76 | 17.62 | 112.07 | 946.20 | -512.34 | 1,371.45 | 1,343.62 | 27.83 | 49.279 | | |
| 3,100.00 | 2,967.71 | 2,630.10 | 2,429.47 | 17.52 | 18.43 | 112.20 | 979.32 | -537.44 | 1,424.82 | 1,395.77 | 29.05 | 49.040 | | |
| 3,200.00 | 3,060.68 | 2,714.63 | 2,503.07 | 18.27 | 19.25 | 112.32 | 1,012.43 | -562.55 | 1,478.19 | 1,447.91 | 30.28 | 48.816 | | |
| 3,300.00 | 3,153.65 | 2,800.85 | 2,576.67 | 19.03 | 20.08 | 112.44 | 1,045.55 | -587.65 | 1,531.57 | 1,500.05 | 31.52 | 48.588 | | |
| 3,400.00 | 3,246.61 | 2,883.68 | 2,650.28 | 19.78 | 20.88 | 112.54 | 1,078.67 | -612.75 | 1,584.95 | 1,552.21 | 32.74 | 48.411 | | |
| 3,500.00 | 3,339.58 | 2,968.20 | 2,723.88 | 20.54 | 21.70 | 112.64 | 1,111.79 | -637.86 | 1,638.34 | 1,604.37 | 33.97 | 48.227 | | |
| 3,600.00 | 3,432.55 | 3,052.73 | 2,797.49 | 21.30 | 22.52 | 112.73 | 1,144.90 | -662.96 | 1,691.73 | 1,656.52 | 35.20 | 48.054 | | |
| 3,700.00 | 3,525.52 | 3,137.25 | 2,871.09 | 22.06 | 23.34 | 112.82 | 1,178.02 | -688.07 | 1,745.12 | 1,708.68 | 36.44 | 47.891 | | |
| 3,800.00 | 3,618.49 | 3,221.78 | 2,944.69 | 22.82 | 24.16 | 112.90 | 1,211.14 | -713.17 | 1,798.51 | 1,760.83 | 37.68 | 47.737 | | |
| 3,900.00 | 3,711.45 | 3,306.30 | 3,018.30 | 23.57 | 24.98 | 112.98 | 1,244.26 | -738.27 | 1,851.91 | 1,812.99 | 38.91 | 47.591 | | |
| 4,000.00 | 3,804.42 | 3,409.17 | 3,091.90 | 24.33 | 25.98 | 113.05 | 1,277.37 | -763.38 | 1,905.30 | 1,865.02 | 40.29 | 47.294 | | |
| 4,100.00 | 3,897.39 | 3,475.35 | 3,165.51 | 25.09 | 26.62 | 113.12 | 1,310.49 | -788.48 | 1,958.71 | 1,917.31 | 41.39 | 47.322 | | |
| 4,200.00 | 3,990.36 | 3,559.88 | 3,239.11 | 25.86 | 27.44 | 113.19 | 1,343.61 | -813.59 | 2,012.11 | 1,969.48 | 42.63 | 47.198 | | |
| 4,300.00 | 4,083.32 | 3,644.41 | 3,312.71 | 26.62 | 28.26 | 113.25 | 1,376.73 | -838.69 | 2,065.51 | 2,021.64 | 43.87 | 47.081 | | |
| 4,400.00 | 4,176.29 | 3,728.93 | 3,386.32 | 27.38 | 29.09 | 113.31 | 1,409.84 | -863.79 | 2,118.92 | 2,073.80 | 45.11 | 46.968 | | |
| 4,500.00 | 4,269.26 | 3,813.46 | 3,459.92 | 28.14 | 29.91 | 113.36 | 1,442.96 | -888.90 | 2,172.33 | 2,125.97 | 46.36 | 46.861 | | |
| 4,600.00 | 4,362.23 | 3,902.02 | 3,533.53 | 28.90 | 30.77 | 113.42 | 1,476.08 | -914.00 | 2,225.73 | 2,178.10 | 47.63 | 46.730 | | |
| 4,700.00 | 4,455.20 | 3,982.51 | 3,607.13 | 29.66 | 31.55 | 113.47 | 1,509.20 | -939.10 | 2,279.14 | 2,230.30 | 48.84 | 46.662 | | |
| 4,800.00 | 4,548.16 | 4,067.03 | 3,680.74 | 30.43 | 32.37 | 113.51 | 1,542.31 | -964.21 | 2,332.56 | 2,282.47 | 50.09 | 46.569 | | |
| 4,900.00 | 4,641.13 | 4,151.56 | 3,754.34 | 31.19 | 33.20 | 113.56 | 1,575.43 | -989.31 | 2,385.97 | 2,334.64 | 51.33 | 46.480 | | |
| 5,000.00 | 4,734.10 | 4,236.08 | 3,827.94 | 31.95 | 34.02 | 113.60 | 1,608.55 | -1,014.42 | 2,439.38 | 2,386.80 | 52.58 | 46.395 | | |
| 5,100.00 | 4,827.07 | 4,320.61 | 3,901.55 | 32.71 | 34.84 | 113.65 | 1,641.67 | -1,039.52 | 2,492.80 | 2,438.97 | 53.83 | 46.313 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-01 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,405.13 | 3,975.15 | 33.48 | 35.67 | 113.69 | 1,674.78 | -1,064.62 | 2,546.21 | 2,491.14 | 55.07 | 46.234 | | |
| 5,300.00 | 5,013.00 | 4,489.66 | 4,048.76 | 34.24 | 36.49 | 113.73 | 1,707.90 | -1,089.73 | 2,599.63 | 2,543.31 | 56.32 | 46.159 | | |
| 5,400.00 | 5,105.97 | 4,574.18 | 4,122.36 | 35.00 | 37.31 | 113.76 | 1,741.02 | -1,114.83 | 2,653.05 | 2,595.48 | 57.57 | 46.086 | | |
| 5,500.00 | 5,198.94 | 4,658.71 | 4,195.96 | 35.77 | 38.14 | 113.80 | 1,774.14 | -1,139.94 | 2,706.46 | 2,647.65 | 58.82 | 46.016 | | |
| 5,600.00 | 5,291.91 | 4,743.23 | 4,269.57 | 36.53 | 38.96 | 113.83 | 1,807.25 | -1,165.04 | 2,759.88 | 2,699.82 | 60.06 | 45.949 | | |
| 5,700.00 | 5,384.87 | 4,827.76 | 4,343.17 | 37.29 | 39.79 | 113.87 | 1,840.37 | -1,190.14 | 2,813.30 | 2,751.99 | 61.31 | 45.884 | | |
| 5,800.00 | 5,477.84 | 4,912.28 | 4,416.78 | 38.06 | 40.61 | 113.90 | 1,873.49 | -1,215.25 | 2,866.72 | 2,804.16 | 62.56 | 45.822 | | |
| 5,900.00 | 5,570.81 | 4,996.81 | 4,490.38 | 38.82 | 41.43 | 113.93 | 1,906.60 | -1,240.35 | 2,920.14 | 2,856.33 | 63.81 | 45.761 | | |
| 6,000.00 | 5,663.78 | 5,081.34 | 4,563.98 | 39.59 | 42.26 | 113.96 | 1,939.72 | -1,265.45 | 2,973.56 | 2,908.50 | 65.06 | 45.703 | | |
| 6,100.00 | 5,756.75 | 5,165.86 | 4,637.59 | 40.35 | 43.08 | 113.99 | 1,972.84 | -1,290.56 | 3,026.98 | 2,960.67 | 66.31 | 45.647 | | |
| 6,200.00 | 5,849.71 | 5,250.39 | 4,711.19 | 41.12 | 43.91 | 114.01 | 2,005.96 | -1,315.66 | 3,080.41 | 3,012.84 | 67.56 | 45.592 | | |
| 6,300.00 | 5,942.68 | 5,334.91 | 4,784.80 | 41.88 | 44.73 | 114.04 | 2,039.07 | -1,340.77 | 3,133.83 | 3,065.01 | 68.82 | 45.540 | | |
| 6,400.00 | 6,035.65 | 5,419.44 | 4,858.40 | 42.64 | 45.56 | 114.07 | 2,072.19 | -1,365.87 | 3,187.25 | 3,117.19 | 70.07 | 45.488 | | |
| 6,500.00 | 6,128.62 | 5,503.96 | 4,932.00 | 43.41 | 46.38 | 114.09 | 2,105.31 | -1,390.97 | 3,240.68 | 3,169.36 | 71.32 | 45.439 | | |
| 6,600.00 | 6,221.59 | 5,588.49 | 5,005.61 | 44.17 | 47.20 | 114.12 | 2,138.43 | -1,416.08 | 3,294.10 | 3,221.53 | 72.57 | 45.391 | | |
| 6,700.00 | 6,314.55 | 5,673.01 | 5,079.21 | 44.94 | 48.03 | 114.14 | 2,171.54 | -1,441.18 | 3,347.53 | 3,273.70 | 73.82 | 45.344 | | |
| 6,800.00 | 6,407.52 | 5,757.54 | 5,152.82 | 45.70 | 48.85 | 114.16 | 2,204.66 | -1,466.28 | 3,400.95 | 3,325.87 | 75.08 | 45.299 | | |
| 6,900.00 | 6,499.98 | 5,842.06 | 5,226.42 | 46.49 | 49.68 | 107.54 | 2,237.78 | -1,491.39 | 3,454.28 | 3,377.92 | 76.36 | 45.239 | | |
| 7,000.00 | 6,586.50 | 5,925.74 | 5,299.28 | 47.49 | 50.49 | 95.75 | 2,270.56 | -1,516.24 | 3,506.18 | 3,428.30 | 77.88 | 45.019 | | |
| 7,100.00 | 6,663.58 | 6,006.17 | 5,369.32 | 48.75 | 51.28 | 87.54 | 2,302.08 | -1,540.13 | 3,555.21 | 3,475.53 | 79.68 | 44.618 | | |
| 7,200.00 | 6,728.87 | 6,080.92 | 5,434.41 | 50.23 | 52.01 | 81.49 | 2,331.36 | -1,562.33 | 3,600.32 | 3,518.61 | 81.71 | 44.062 | | |
| 7,300.00 | 6,780.38 | 6,147.70 | 5,492.57 | 51.91 | 52.66 | 76.98 | 2,357.53 | -1,582.16 | 3,640.73 | 3,556.82 | 83.91 | 43.388 | | |
| 7,400.00 | 6,816.56 | 6,204.50 | 5,542.03 | 53.74 | 53.21 | 73.62 | 2,379.78 | -1,599.03 | 3,675.86 | 3,589.65 | 86.21 | 42.638 | | |
| 7,500.00 | 6,836.29 | 6,249.59 | 5,581.29 | 55.65 | 53.65 | 71.18 | 2,397.45 | -1,612.42 | 3,705.31 | 3,616.78 | 88.53 | 41.855 | | |
| 7,600.00 | 6,840.00 | 6,282.41 | 5,609.87 | 57.58 | 53.98 | 70.16 | 2,410.31 | -1,622.17 | 3,729.27 | 3,638.49 | 90.78 | 41.082 | | |
| 7,700.00 | 6,840.00 | 6,312.29 | 5,635.89 | 59.56 | 54.27 | 70.60 | 2,422.02 | -1,631.05 | 3,753.71 | 3,660.69 | 93.02 | 40.356 | | |
| 7,800.00 | 6,840.00 | 6,342.18 | 5,661.92 | 61.60 | 54.56 | 71.05 | 2,433.73 | -1,639.92 | 3,780.40 | 3,685.14 | 95.26 | 39.685 | | |
| 7,900.00 | 6,840.00 | 6,372.07 | 5,687.94 | 63.69 | 54.85 | 71.50 | 2,445.44 | -1,648.80 | 3,809.29 | 3,711.79 | 97.50 | 39.068 | | |
| 8,000.00 | 6,840.00 | 6,401.95 | 5,713.97 | 65.82 | 55.14 | 71.95 | 2,457.15 | -1,657.67 | 3,840.34 | 3,740.60 | 99.74 | 38.505 | | |
| 8,100.00 | 6,840.00 | 6,431.84 | 5,739.99 | 67.99 | 55.43 | 72.39 | 2,468.86 | -1,666.55 | 3,873.49 | 3,771.54 | 101.95 | 37.993 | | |
| 8,200.00 | 6,840.00 | 6,461.73 | 5,766.02 | 70.21 | 55.73 | 72.84 | 2,480.57 | -1,675.43 | 3,908.69 | 3,804.54 | 104.15 | 37.529 | | |
| 8,300.00 | 6,840.00 | 6,508.39 | 5,792.04 | 72.45 | 56.18 | 73.28 | 2,492.28 | -1,684.30 | 3,945.89 | 3,839.42 | 106.47 | 37.062 | | |
| 8,400.00 | 6,840.00 | 6,558.03 | 5,818.00 | 74.73 | 56.42 | 73.62 | 2,503.99 | -1,693.17 | 3,983.07 | 3,874.26 | 108.81 | 36.595 | | |
| 8,500.00 | 6,840.00 | 6,607.68 | 5,843.96 | 77.04 | 56.66 | 73.96 | 2,515.70 | -1,702.04 | 3,996.01 | 3,889.10 | 111.15 | 36.128 | | |
| 8,600.00 | 6,840.00 | 6,657.33 | 5,869.92 | 79.38 | 56.90 | 74.30 | 2,527.41 | -1,710.91 | 3,996.01 | 3,889.10 | 113.49 | 35.661 | | |
| 8,700.00 | 6,840.00 | 6,706.98 | 5,895.88 | 81.74 | 57.14 | 74.64 | 2,539.12 | -1,719.78 | 3,996.01 | 3,889.10 | 115.83 | 35.194 | | |
| 8,800.00 | 6,840.00 | 6,756.63 | 5,921.84 | 84.12 | 57.38 | 74.98 | 2,550.83 | -1,728.65 | 3,996.01 | 3,889.10 | 118.17 | 34.727 | | |
| 8,900.00 | 6,840.00 | 6,806.29 | 5,947.80 | 86.52 | 57.62 | 75.32 | 2,562.54 | -1,737.52 | 3,996.01 | 3,889.10 | 120.51 | 34.260 | | |
| 9,000.00 | 6,840.00 | 6,855.94 | 5,973.76 | 88.94 | 57.86 | 75.66 | 2,574.25 | -1,746.39 | 3,996.01 | 3,889.10 | 122.85 | 33.793 | | |
| 9,100.00 | 6,840.00 | 6,905.59 | 6,000.00 | 91.38 | 58.10 | 76.00 | 2,585.96 | -1,755.26 | 3,996.01 | 3,889.10 | 125.19 | 33.326 | | |
| 9,200.00 | 6,840.00 | 6,955.14 | 6,026.00 | 93.83 | 58.34 | 76.34 | 2,597.67 | -1,764.13 | 3,996.01 | 3,889.10 | 127.53 | 32.859 | | |
| 9,300.00 | 6,840.00 | 7,004.79 | 6,052.00 | 96.30 | 58.58 | 76.68 | 2,609.38 | -1,773.00 | 3,996.01 | 3,889.10 | 129.87 | 32.392 | | |
| 9,400.00 | 6,840.00 | 7,054.34 | 6,078.00 | 98.79 | 58.82 | 77.02 | 2,621.09 | -1,781.87 | 3,996.01 | 3,889.10 | 132.21 | 31.925 | | |
| 9,500.00 | 6,840.00 | 7,103.99 | 6,104.00 | 101.28 | 59.06 | 77.36 | 2,632.80 | -1,790.74 | 3,996.01 | 3,889.10 | 134.55 | 31.458 | | |
| 9,600.00 | 6,840.00 | 7,153.54 | 6,130.00 | 103.79 | 59.30 | 77.70 | 2,644.51 | -1,799.61 | 3,996.01 | 3,889.10 | 136.89 | 30.991 | | |
| 9,700.00 | 6,840.00 | 7,203.19 | 6,156.00 | 106.30 | 59.54 | 78.04 | 2,656.22 | -1,808.48 | 3,996.01 | 3,889.10 | 139.23 | 30.524 | | |
| 9,800.00 | 6,840.00 | 7,252.74 | 6,182.00 | 108.83 | 59.78 | 78.38 | 2,667.93 | -1,817.35 | 3,996.01 | 3,889.10 | 141.57 | 30.057 | | |
| 9,900.00 | 6,840.00 | 7,302.29 | 6,208.00 | 111.37 | 60.02 | 78.72 | 2,679.64 | -1,826.22 | 3,996.01 | 3,889.10 | 143.91 | 29.590 | | |
| 10,000.00 | 6,840.00 | 7,351.84 | 6,234.00 | 113.91 | 60.26 | 79.06 | 2,691.35 | -1,835.09 | 3,996.01 | 3,889.10 | 146.25 | 29.123 | | |
| 10,100.00 | 6,840.00 | 7,401.39 | 6,260.00 | 116.47 | 60.50 | 79.40 | 2,703.06 | -1,843.96 | 3,996.01 | 3,889.10 | 148.59 | 28.656 | | |
| 10,200.00 | 6,840.00 | 7,450.94 | 6,286.00 | 119.03 | 60.74 | 79.74 | 2,714.77 | -1,852.83 | 3,996.01 | 3,889.10 | 150.93 | 28.189 | | |
| 10,300.00 | 6,840.00 | 7,500.49 | 6,312.00 | 121.59 | 60.98 | 80.08 | 2,726.48 | -1,861.70 | 3,996.01 | 3,889.10 | 153.27 | 27.722 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-01 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 10,828.03 | 6,840.00 | 124.17 | 132.68 | 89.99 | 2,977.45 | -5,290.55 | 3,960.93 | 3,712.91 | 248.02 | 15.970 | | |
| 10,500.00 | 6,840.00 | 10,928.03 | 6,840.00 | 126.75 | 135.09 | 89.99 | 2,977.87 | -5,390.55 | 3,960.87 | 3,707.66 | 253.21 | 15.643 | | |
| 10,600.00 | 6,840.00 | 11,028.03 | 6,840.00 | 129.34 | 137.52 | 89.99 | 2,978.29 | -5,490.55 | 3,960.82 | 3,702.40 | 258.42 | 15.327 | | |
| 10,700.00 | 6,840.00 | 11,128.03 | 6,840.00 | 131.93 | 139.96 | 89.99 | 2,978.71 | -5,590.55 | 3,960.76 | 3,697.12 | 263.63 | 15.024 | | |
| 10,800.00 | 6,840.00 | 11,228.03 | 6,840.00 | 134.53 | 142.41 | 89.99 | 2,979.13 | -5,690.55 | 3,960.70 | 3,691.84 | 268.86 | 14.732 | | |
| 10,900.00 | 6,840.00 | 11,328.03 | 6,840.00 | 137.13 | 144.87 | 89.99 | 2,979.55 | -5,790.55 | 3,960.64 | 3,686.55 | 274.09 | 14.450 | | |
| 11,000.00 | 6,840.00 | 11,428.03 | 6,840.00 | 139.73 | 147.34 | 89.99 | 2,979.97 | -5,890.55 | 3,960.59 | 3,681.26 | 279.33 | 14.179 | | |
| 11,100.00 | 6,840.00 | 11,528.03 | 6,840.00 | 142.35 | 149.82 | 89.99 | 2,980.39 | -5,990.55 | 3,960.53 | 3,675.95 | 284.58 | 13.917 | | |
| 11,200.00 | 6,840.00 | 11,628.03 | 6,840.00 | 144.96 | 152.31 | 89.99 | 2,980.81 | -6,090.55 | 3,960.47 | 3,670.64 | 289.84 | 13.665 | | |
| 11,300.00 | 6,840.00 | 11,728.03 | 6,840.00 | 147.58 | 154.81 | 89.99 | 2,981.24 | -6,190.54 | 3,960.42 | 3,665.32 | 295.10 | 13.421 | | |
| 11,400.00 | 6,840.00 | 11,828.03 | 6,840.00 | 150.20 | 157.31 | 89.99 | 2,981.66 | -6,290.54 | 3,960.36 | 3,659.99 | 300.37 | 13.185 | | |
| 11,500.00 | 6,840.00 | 11,928.03 | 6,840.00 | 152.83 | 159.82 | 89.99 | 2,982.08 | -6,390.54 | 3,960.30 | 3,654.66 | 305.64 | 12.957 | | |
| 11,600.00 | 6,840.00 | 12,028.03 | 6,840.00 | 155.46 | 162.34 | 89.99 | 2,982.50 | -6,490.54 | 3,960.25 | 3,649.33 | 310.92 | 12.737 | | |
| 11,700.00 | 6,840.00 | 12,128.03 | 6,840.00 | 158.09 | 164.87 | 89.99 | 2,982.92 | -6,590.54 | 3,960.19 | 3,643.98 | 316.21 | 12.524 | | |
| 11,800.00 | 6,840.00 | 12,228.03 | 6,840.00 | 160.73 | 167.40 | 89.99 | 2,983.34 | -6,690.54 | 3,960.13 | 3,638.64 | 321.50 | 12.318 | | |
| 11,900.00 | 6,840.00 | 12,328.03 | 6,840.00 | 163.36 | 169.94 | 89.99 | 2,983.76 | -6,790.54 | 3,960.07 | 3,633.28 | 326.79 | 12.118 | | |
| 12,000.00 | 6,840.00 | 12,428.03 | 6,840.00 | 166.01 | 172.48 | 89.99 | 2,984.18 | -6,890.54 | 3,960.02 | 3,627.93 | 332.09 | 11.924 | | |
| 12,100.00 | 6,840.00 | 12,528.03 | 6,840.00 | 168.65 | 175.03 | 89.99 | 2,984.60 | -6,990.54 | 3,959.96 | 3,622.56 | 337.40 | 11.737 | | |
| 12,200.00 | 6,840.00 | 12,628.03 | 6,840.00 | 171.30 | 177.59 | 89.99 | 2,985.02 | -7,090.54 | 3,959.90 | 3,617.20 | 342.71 | 11.555 | | |
| 12,300.00 | 6,840.00 | 12,728.03 | 6,840.00 | 173.94 | 180.15 | 89.99 | 2,985.44 | -7,190.54 | 3,959.85 | 3,611.83 | 348.02 | 11.378 | | |
| 12,400.00 | 6,840.00 | 12,828.03 | 6,840.00 | 176.59 | 182.72 | 89.99 | 2,985.86 | -7,290.53 | 3,959.79 | 3,606.46 | 353.33 | 11.207 | | |
| 12,500.00 | 6,840.00 | 12,928.03 | 6,840.00 | 179.25 | 185.29 | 89.99 | 2,986.28 | -7,390.53 | 3,959.73 | 3,601.08 | 358.65 | 11.041 | | |
| 12,600.00 | 6,840.00 | 13,028.03 | 6,840.00 | 181.90 | 187.86 | 89.99 | 2,986.70 | -7,490.53 | 3,959.68 | 3,595.70 | 363.98 | 10.879 | | |
| 12,700.00 | 6,840.00 | 13,128.03 | 6,840.00 | 184.56 | 190.44 | 89.99 | 2,987.12 | -7,590.53 | 3,959.62 | 3,590.31 | 369.31 | 10.722 | | |
| 12,800.00 | 6,840.00 | 13,228.03 | 6,840.00 | 187.22 | 193.02 | 89.99 | 2,987.54 | -7,690.53 | 3,959.56 | 3,584.93 | 374.64 | 10.569 | | |
| 12,900.00 | 6,840.00 | 13,328.03 | 6,840.00 | 189.88 | 195.61 | 89.99 | 2,987.96 | -7,790.53 | 3,959.51 | 3,579.54 | 379.97 | 10.421 | | |
| 13,000.00 | 6,840.00 | 13,428.03 | 6,840.00 | 192.54 | 198.20 | 89.99 | 2,988.38 | -7,890.53 | 3,959.45 | 3,574.14 | 385.31 | 10.276 | | |
| 13,100.00 | 6,840.00 | 13,528.03 | 6,840.00 | 195.20 | 200.79 | 89.99 | 2,988.80 | -7,990.53 | 3,959.39 | 3,568.75 | 390.65 | 10.135 | | |
| 13,200.00 | 6,840.00 | 13,628.03 | 6,840.00 | 197.87 | 203.39 | 89.99 | 2,989.22 | -8,090.53 | 3,959.33 | 3,563.35 | 395.99 | 9.999 | | |
| 13,300.00 | 6,840.00 | 13,728.03 | 6,840.00 | 200.53 | 205.99 | 89.99 | 2,989.64 | -8,190.53 | 3,959.28 | 3,557.95 | 401.33 | 9.865 | | |
| 13,400.00 | 6,840.00 | 13,828.03 | 6,840.00 | 203.20 | 208.60 | 89.99 | 2,990.06 | -8,290.53 | 3,959.22 | 3,552.54 | 406.68 | 9.735 | | |
| 13,500.00 | 6,840.00 | 13,928.03 | 6,840.00 | 205.87 | 211.21 | 89.99 | 2,990.48 | -8,390.53 | 3,959.16 | 3,547.13 | 412.03 | 9.609 | | |
| 13,600.00 | 6,840.00 | 14,028.03 | 6,840.00 | 208.54 | 213.82 | 89.99 | 2,990.91 | -8,490.52 | 3,959.11 | 3,541.73 | 417.38 | 9.486 | | |
| 13,700.00 | 6,840.00 | 14,128.03 | 6,840.00 | 211.22 | 216.43 | 89.99 | 2,991.33 | -8,590.52 | 3,959.05 | 3,536.31 | 422.74 | 9.365 | | |
| 13,800.00 | 6,840.00 | 14,228.03 | 6,840.00 | 213.89 | 219.05 | 89.99 | 2,991.75 | -8,690.52 | 3,958.99 | 3,530.90 | 428.09 | 9.248 | | |
| 13,900.00 | 6,840.00 | 14,328.03 | 6,840.00 | 216.56 | 221.66 | 89.99 | 2,992.17 | -8,790.52 | 3,958.94 | 3,525.49 | 433.45 | 9.134 | | |
| 14,000.00 | 6,840.00 | 14,428.03 | 6,840.00 | 219.24 | 224.28 | 89.99 | 2,992.59 | -8,890.52 | 3,958.88 | 3,520.07 | 438.81 | 9.022 | | |
| 14,100.00 | 6,840.00 | 14,528.03 | 6,840.00 | 221.92 | 226.91 | 89.99 | 2,993.01 | -8,990.52 | 3,958.82 | 3,514.65 | 444.17 | 8.913 | | |
| 14,200.00 | 6,840.00 | 14,628.03 | 6,840.00 | 224.59 | 229.53 | 89.99 | 2,993.43 | -9,090.52 | 3,958.77 | 3,509.23 | 449.54 | 8.806 | | |
| 14,300.00 | 6,840.00 | 14,728.03 | 6,840.00 | 227.27 | 232.16 | 89.99 | 2,993.85 | -9,190.52 | 3,958.71 | 3,503.80 | 454.90 | 8.702 | | |
| 14,400.00 | 6,840.00 | 14,828.03 | 6,840.00 | 229.95 | 234.79 | 89.99 | 2,994.27 | -9,290.52 | 3,958.65 | 3,498.38 | 460.27 | 8.601 | | |
| 14,500.00 | 6,840.00 | 14,928.03 | 6,840.00 | 232.63 | 237.43 | 89.99 | 2,994.69 | -9,390.52 | 3,958.59 | 3,492.95 | 465.64 | 8.501 | | |
| 14,600.00 | 6,840.00 | 15,028.03 | 6,840.00 | 235.31 | 240.06 | 89.99 | 2,995.11 | -9,490.52 | 3,958.54 | 3,487.53 | 471.01 | 8.404 | | |
| 14,700.00 | 6,840.00 | 15,128.03 | 6,840.00 | 238.00 | 242.70 | 89.99 | 2,995.53 | -9,590.51 | 3,958.48 | 3,482.10 | 476.38 | 8.309 | | |
| 14,800.00 | 6,840.00 | 15,228.03 | 6,840.00 | 240.68 | 245.34 | 89.99 | 2,995.95 | -9,690.51 | 3,958.42 | 3,476.67 | 481.76 | 8.217 | | |
| 14,900.00 | 6,840.00 | 15,328.03 | 6,840.00 | 243.36 | 247.98 | 89.99 | 2,996.37 | -9,790.51 | 3,958.37 | 3,471.23 | 487.13 | 8.126 | | |
| 15,000.00 | 6,840.00 | 15,428.03 | 6,840.00 | 246.05 | 250.62 | 89.99 | 2,996.79 | -9,890.51 | 3,958.31 | 3,465.80 | 492.51 | 8.037 | | |
| 15,100.00 | 6,840.00 | 15,528.03 | 6,840.00 | 248.74 | 253.26 | 89.99 | 2,997.21 | -9,990.51 | 3,958.25 | 3,460.36 | 497.89 | 7.950 | | |
| 15,200.00 | 6,840.00 | 15,628.03 | 6,840.00 | 251.42 | 255.91 | 89.99 | 2,997.63 | -10,090.51 | 3,958.20 | 3,454.93 | 503.27 | 7.865 | | |
| 15,300.00 | 6,840.00 | 15,728.03 | 6,840.00 | 254.11 | 258.55 | 89.99 | 2,998.05 | -10,190.51 | 3,958.14 | 3,449.49 | 508.65 | 7.782 | | |
| 15,400.00 | 6,840.00 | 15,828.03 | 6,840.00 | 256.80 | 261.20 | 89.99 | 2,998.47 | -10,290.51 | 3,958.08 | 3,444.05 | 514.03 | 7.700 | | |
| 15,500.00 | 6,840.00 | 15,928.03 | 6,840.00 | 259.49 | 263.85 | 89.99 | 2,998.89 | -10,390.51 | 3,958.03 | 3,438.61 | 519.42 | 7.620 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-01 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,600.00 | 6,840.00 | 16,028.03 | 6,840.00 | 262.17 | 266.51 | 89.99 | 2,999.31 | -10,490.51 | 3,957.97 | 3,433.17 | 524.80 | 7.542 | | |
| 15,700.00 | 6,840.00 | 16,128.03 | 6,840.00 | 264.86 | 269.16 | 89.99 | 2,999.73 | -10,590.51 | 3,957.91 | 3,427.73 | 530.19 | 7.465 | | |
| 15,800.00 | 6,840.00 | 16,228.03 | 6,840.00 | 267.55 | 271.81 | 89.99 | 3,000.15 | -10,690.50 | 3,957.85 | 3,422.28 | 535.57 | 7.390 | | |
| 15,900.00 | 6,840.00 | 16,328.03 | 6,840.00 | 270.25 | 274.47 | 89.99 | 3,000.57 | -10,790.50 | 3,957.80 | 3,416.84 | 540.96 | 7.316 | | |
| 16,000.00 | 6,840.00 | 16,428.03 | 6,840.00 | 272.94 | 277.13 | 89.99 | 3,001.00 | -10,890.50 | 3,957.74 | 3,411.39 | 546.35 | 7.244 | | |
| 16,100.00 | 6,840.00 | 16,528.03 | 6,840.00 | 275.63 | 279.78 | 89.99 | 3,001.42 | -10,990.50 | 3,957.68 | 3,405.95 | 551.74 | 7.173 | | |
| 16,200.00 | 6,840.00 | 16,628.03 | 6,840.00 | 278.32 | 282.44 | 89.99 | 3,001.84 | -11,090.50 | 3,957.63 | 3,400.50 | 557.13 | 7.104 | | |
| 16,300.00 | 6,840.00 | 16,728.03 | 6,840.00 | 281.02 | 285.10 | 89.99 | 3,002.26 | -11,190.50 | 3,957.57 | 3,395.05 | 562.52 | 7.035 | | |
| 16,400.00 | 6,840.00 | 16,828.03 | 6,840.00 | 283.71 | 287.77 | 89.99 | 3,002.68 | -11,290.50 | 3,957.51 | 3,389.60 | 567.91 | 6.969 | | |
| 16,500.00 | 6,840.00 | 16,928.03 | 6,840.00 | 286.40 | 290.43 | 89.99 | 3,003.10 | -11,390.50 | 3,957.46 | 3,384.15 | 573.31 | 6.903 | | |
| 16,600.00 | 6,840.00 | 17,028.03 | 6,840.00 | 289.10 | 293.09 | 89.99 | 3,003.52 | -11,490.50 | 3,957.40 | 3,378.70 | 578.70 | 6.838 | | |
| 16,700.00 | 6,840.00 | 17,128.03 | 6,840.00 | 291.79 | 295.76 | 89.99 | 3,003.94 | -11,590.50 | 3,957.34 | 3,373.25 | 584.10 | 6.775 | | |
| 16,800.00 | 6,840.00 | 17,228.03 | 6,840.00 | 294.49 | 298.43 | 89.99 | 3,004.36 | -11,690.50 | 3,957.29 | 3,367.79 | 589.49 | 6.713 | | |
| 16,900.00 | 6,840.00 | 17,328.03 | 6,840.00 | 297.19 | 301.09 | 89.99 | 3,004.78 | -11,790.49 | 3,957.23 | 3,362.34 | 594.89 | 6.652 | | |
| 17,000.00 | 6,840.00 | 17,428.03 | 6,840.00 | 299.88 | 303.76 | 89.99 | 3,005.20 | -11,890.49 | 3,957.17 | 3,356.88 | 600.29 | 6.592 | | |
| 17,100.00 | 6,840.00 | 17,528.03 | 6,840.00 | 302.58 | 306.43 | 89.99 | 3,005.62 | -11,990.49 | 3,957.11 | 3,351.43 | 605.69 | 6.533 | | |
| 17,200.00 | 6,840.00 | 17,628.03 | 6,840.00 | 305.28 | 309.10 | 89.99 | 3,006.04 | -12,090.49 | 3,957.06 | 3,345.97 | 611.08 | 6.475 | | |
| 17,300.00 | 6,840.00 | 17,728.03 | 6,840.00 | 307.97 | 311.77 | 89.99 | 3,006.46 | -12,190.49 | 3,957.00 | 3,340.52 | 616.48 | 6.419 | | |
| 17,400.00 | 6,840.00 | 17,828.03 | 6,840.00 | 310.67 | 314.44 | 89.99 | 3,006.88 | -12,290.49 | 3,956.94 | 3,335.06 | 621.88 | 6.363 | | |
| 17,500.00 | 6,840.00 | 17,928.03 | 6,840.00 | 313.37 | 317.12 | 89.99 | 3,007.30 | -12,390.49 | 3,956.89 | 3,329.60 | 627.29 | 6.308 | | |
| 17,600.00 | 6,840.00 | 18,028.03 | 6,840.00 | 316.07 | 319.79 | 89.99 | 3,007.72 | -12,490.49 | 3,956.83 | 3,324.14 | 632.69 | 6.254 | | |
| 17,700.00 | 6,840.00 | 18,128.03 | 6,840.00 | 318.77 | 322.46 | 89.99 | 3,008.14 | -12,590.49 | 3,956.77 | 3,318.68 | 638.09 | 6.201 | | |
| 17,800.00 | 6,840.00 | 18,228.03 | 6,840.00 | 321.47 | 325.14 | 89.99 | 3,008.56 | -12,690.49 | 3,956.72 | 3,313.22 | 643.49 | 6.149 | | |
| 17,900.00 | 6,840.00 | 18,328.03 | 6,840.00 | 324.17 | 327.81 | 89.99 | 3,008.98 | -12,790.49 | 3,956.66 | 3,307.76 | 648.90 | 6.098 | | |
| 18,000.00 | 6,840.00 | 18,428.03 | 6,840.00 | 326.87 | 330.49 | 89.99 | 3,009.40 | -12,890.48 | 3,956.60 | 3,302.30 | 654.30 | 6.047 | | |
| 18,100.00 | 6,840.00 | 18,528.03 | 6,840.00 | 329.57 | 333.17 | 89.99 | 3,009.82 | -12,990.48 | 3,956.55 | 3,296.84 | 659.71 | 5.997 | | |
| 18,200.00 | 6,840.00 | 18,628.03 | 6,840.00 | 332.27 | 335.85 | 89.99 | 3,010.24 | -13,090.48 | 3,956.49 | 3,291.38 | 665.11 | 5.949 | | |
| 18,300.00 | 6,840.00 | 18,728.03 | 6,840.00 | 334.97 | 338.53 | 89.99 | 3,010.66 | -13,190.48 | 3,956.43 | 3,285.91 | 670.52 | 5.901 | | |
| 18,400.00 | 6,840.00 | 18,828.03 | 6,840.00 | 337.67 | 341.20 | 89.99 | 3,011.09 | -13,290.48 | 3,956.37 | 3,280.45 | 675.92 | 5.853 | | |
| 18,500.00 | 6,840.00 | 18,928.03 | 6,840.00 | 340.38 | 343.89 | 89.99 | 3,011.51 | -13,390.48 | 3,956.32 | 3,274.99 | 681.33 | 5.807 | | |
| 18,600.00 | 6,840.00 | 19,028.03 | 6,840.00 | 343.08 | 346.57 | 89.99 | 3,011.93 | -13,490.48 | 3,956.26 | 3,269.52 | 686.74 | 5.761 | | |
| 18,700.00 | 6,840.00 | 19,128.03 | 6,840.00 | 345.78 | 349.25 | 89.99 | 3,012.35 | -13,590.48 | 3,956.20 | 3,264.06 | 692.15 | 5.716 | | |
| 18,800.00 | 6,840.00 | 19,228.03 | 6,840.00 | 348.48 | 351.93 | 89.99 | 3,012.77 | -13,690.48 | 3,956.15 | 3,258.59 | 697.55 | 5.671 | | |
| 18,900.00 | 6,840.00 | 19,328.03 | 6,840.00 | 351.19 | 354.61 | 89.99 | 3,013.19 | -13,790.48 | 3,956.09 | 3,253.13 | 702.96 | 5.628 | | |
| 19,000.00 | 6,840.00 | 19,428.03 | 6,840.00 | 353.89 | 357.29 | 89.99 | 3,013.61 | -13,890.48 | 3,956.03 | 3,247.66 | 708.37 | 5.585 | | |
| 19,100.00 | 6,840.00 | 19,528.03 | 6,840.00 | 356.59 | 359.98 | 89.99 | 3,014.03 | -13,990.47 | 3,955.98 | 3,242.19 | 713.78 | 5.542 | | |
| 19,200.00 | 6,840.00 | 19,628.03 | 6,840.00 | 359.30 | 362.66 | 89.99 | 3,014.45 | -14,090.47 | 3,955.92 | 3,236.73 | 719.19 | 5.500 | | |
| 19,300.00 | 6,840.00 | 19,728.03 | 6,840.00 | 362.00 | 365.35 | 89.99 | 3,014.87 | -14,190.47 | 3,955.86 | 3,231.26 | 724.60 | 5.459 | | |
| 19,400.00 | 6,840.00 | 19,828.03 | 6,840.00 | 364.71 | 368.03 | 89.99 | 3,015.29 | -14,290.47 | 3,955.81 | 3,225.79 | 730.02 | 5.419 | | |
| 19,500.00 | 6,840.00 | 19,928.03 | 6,840.00 | 367.41 | 370.72 | 89.99 | 3,015.71 | -14,390.47 | 3,955.75 | 3,220.32 | 735.43 | 5.379 | | |
| 19,600.00 | 6,840.00 | 20,028.03 | 6,840.00 | 370.11 | 373.41 | 89.99 | 3,016.13 | -14,490.47 | 3,955.69 | 3,214.85 | 740.84 | 5.339 | | |
| 19,700.00 | 6,840.00 | 20,128.03 | 6,840.00 | 372.82 | 376.09 | 89.99 | 3,016.55 | -14,590.47 | 3,955.63 | 3,209.38 | 746.25 | 5.301 | | |
| 19,800.00 | 6,840.00 | 20,228.03 | 6,840.00 | 375.53 | 378.78 | 89.99 | 3,016.97 | -14,690.47 | 3,955.58 | 3,203.91 | 751.66 | 5.262 | | |
| 19,900.00 | 6,840.00 | 20,328.03 | 6,840.00 | 378.23 | 381.47 | 89.99 | 3,017.39 | -14,790.47 | 3,955.52 | 3,198.44 | 757.08 | 5.225 | | |
| 20,000.00 | 6,840.00 | 20,428.03 | 6,840.00 | 380.94 | 384.16 | 89.99 | 3,017.81 | -14,890.47 | 3,955.46 | 3,192.97 | 762.49 | 5.188 | | |
| 20,100.00 | 6,840.00 | 20,528.03 | 6,840.00 | 383.64 | 386.84 | 89.99 | 3,018.23 | -14,990.47 | 3,955.41 | 3,187.50 | 767.91 | 5.151 | | |
| 20,200.00 | 6,840.00 | 20,628.03 | 6,840.00 | 386.35 | 389.53 | 89.99 | 3,018.65 | -15,090.46 | 3,955.35 | 3,182.03 | 773.32 | 5.115 | | |
| 20,300.00 | 6,840.00 | 20,728.03 | 6,840.00 | 389.05 | 392.22 | 89.99 | 3,019.07 | -15,190.46 | 3,955.29 | 3,176.56 | 778.73 | 5.079 | | |
| 20,400.00 | 6,840.00 | 20,828.03 | 6,840.00 | 391.76 | 394.91 | 89.99 | 3,019.49 | -15,290.46 | 3,955.24 | 3,171.09 | 784.15 | 5.044 | | |
| 20,442.82 | 6,840.00 | 20,870.85 | 6,840.00 | 392.92 | 396.07 | 89.99 | 3,019.67 | -15,333.28 | 3,955.21 | 3,168.74 | 786.47 | 5.029 SF | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-02 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 1.00 | 1.00 | 0.00 | 0.00 | 0.06 | 247.73 | 0.28 | 247.73 | | | | | |
| 100.00 | 100.00 | 101.00 | 101.00 | 0.13 | 0.14 | 0.06 | 247.73 | 0.28 | 247.73 | 247.45 | 0.27 | 909.294 | | |
| 200.00 | 200.00 | 201.00 | 201.00 | 0.49 | 0.50 | 0.06 | 247.73 | 0.28 | 247.73 | 246.74 | 0.99 | 250.385 CC, ES | | |
| 300.00 | 300.00 | 294.75 | 294.73 | 0.85 | 0.83 | -0.17 | 248.92 | -0.74 | 249.00 | 247.31 | 1.69 | 147.735 | | |
| 400.00 | 400.00 | 388.36 | 388.22 | 1.21 | 1.17 | -0.85 | 252.42 | -3.75 | 252.78 | 250.39 | 2.38 | 106.049 | | |
| 500.00 | 500.00 | 481.57 | 481.12 | 1.57 | 1.52 | -1.94 | 258.22 | -8.72 | 259.13 | 256.05 | 3.08 | 84.038 | | |
| 600.00 | 599.98 | 574.22 | 573.16 | 1.92 | 1.87 | 112.58 | 266.25 | -15.61 | 268.82 | 265.05 | 3.78 | 71.195 | | |
| 700.00 | 699.84 | 666.14 | 664.08 | 2.26 | 2.25 | 111.56 | 276.44 | -24.36 | 282.47 | 278.00 | 4.47 | 63.209 | | |
| 800.00 | 799.45 | 757.12 | 753.61 | 2.62 | 2.64 | 110.78 | 288.71 | -34.88 | 299.95 | 294.77 | 5.18 | 57.958 | | |
| 900.00 | 898.70 | 846.96 | 841.48 | 2.99 | 3.05 | 110.23 | 302.93 | -47.09 | 321.15 | 315.26 | 5.90 | 54.443 | | |
| 1,000.00 | 997.47 | 935.48 | 927.43 | 3.39 | 3.49 | 109.85 | 318.99 | -60.86 | 345.99 | 339.35 | 6.65 | 52.064 | | |
| 1,100.00 | 1,095.62 | 1,022.52 | 1,011.27 | 3.81 | 3.95 | 109.61 | 336.73 | -76.08 | 374.36 | 366.95 | 7.41 | 50.511 | | |
| 1,200.00 | 1,193.06 | 1,107.93 | 1,092.80 | 4.27 | 4.44 | 109.46 | 356.01 | -92.62 | 406.19 | 397.97 | 8.22 | 49.435 | | |
| 1,300.00 | 1,289.64 | 1,191.56 | 1,171.88 | 4.77 | 4.95 | 109.36 | 376.67 | -110.35 | 441.37 | 432.31 | 9.06 | 48.738 | | |
| 1,400.00 | 1,385.27 | 1,273.31 | 1,248.38 | 5.31 | 5.49 | 109.27 | 398.54 | -129.12 | 479.81 | 469.87 | 9.94 | 48.290 | | |
| 1,500.00 | 1,479.82 | 1,353.09 | 1,322.21 | 5.91 | 6.05 | 109.18 | 421.48 | -148.80 | 521.42 | 510.56 | 10.86 | 48.028 | | |
| 1,600.00 | 1,573.19 | 1,430.82 | 1,393.30 | 6.55 | 6.63 | 109.25 | 445.32 | -169.26 | 566.08 | 554.26 | 11.82 | 47.897 | | |
| 1,700.00 | 1,666.16 | 1,506.91 | 1,462.05 | 7.23 | 7.22 | 109.91 | 470.07 | -190.49 | 612.99 | 600.20 | 12.80 | 47.901 | | |
| 1,800.00 | 1,759.13 | 1,581.53 | 1,528.60 | 7.93 | 7.85 | 110.35 | 495.68 | -212.46 | 661.72 | 647.93 | 13.79 | 47.991 | | |
| 1,900.00 | 1,852.10 | 1,665.45 | 1,602.76 | 8.64 | 8.57 | 110.69 | 525.49 | -238.04 | 711.64 | 696.73 | 14.91 | 47.721 | | |
| 2,000.00 | 1,945.06 | 1,752.00 | 1,679.23 | 9.35 | 9.34 | 110.99 | 556.26 | -264.44 | 761.61 | 745.52 | 16.09 | 47.342 | | |
| 2,100.00 | 2,038.03 | 1,838.55 | 1,755.70 | 10.08 | 10.11 | 111.25 | 587.03 | -290.84 | 811.59 | 794.32 | 17.28 | 46.976 | | |
| 2,200.00 | 2,131.00 | 1,925.11 | 1,832.17 | 10.81 | 10.88 | 111.49 | 617.80 | -317.24 | 861.59 | 843.11 | 18.48 | 46.629 | | |
| 2,300.00 | 2,223.97 | 2,011.66 | 1,908.64 | 11.54 | 11.66 | 111.70 | 648.58 | -343.65 | 911.60 | 891.91 | 19.69 | 46.303 | | |
| 2,400.00 | 2,316.94 | 2,101.78 | 1,985.11 | 12.28 | 12.48 | 111.88 | 679.35 | -370.05 | 961.61 | 940.68 | 20.93 | 45.942 | | |
| 2,500.00 | 2,409.90 | 2,184.77 | 2,061.58 | 13.02 | 13.24 | 112.05 | 710.12 | -396.45 | 1,011.63 | 989.50 | 22.13 | 45.712 | | |
| 2,600.00 | 2,502.87 | 2,271.32 | 2,138.05 | 13.77 | 14.03 | 112.20 | 740.89 | -422.85 | 1,061.66 | 1,038.30 | 23.36 | 45.446 | | |
| 2,700.00 | 2,595.84 | 2,357.88 | 2,214.52 | 14.51 | 14.83 | 112.34 | 771.66 | -449.25 | 1,111.69 | 1,087.09 | 24.60 | 45.197 | | |
| 2,800.00 | 2,688.81 | 2,444.43 | 2,290.99 | 15.26 | 15.62 | 112.47 | 802.44 | -475.66 | 1,161.73 | 1,135.89 | 25.84 | 44.966 | | |
| 2,900.00 | 2,781.77 | 2,530.99 | 2,367.46 | 16.01 | 16.42 | 112.59 | 833.21 | -502.06 | 1,211.77 | 1,184.69 | 27.08 | 44.751 | | |
| 3,000.00 | 2,874.74 | 2,617.54 | 2,443.93 | 16.76 | 17.22 | 112.69 | 863.98 | -528.46 | 1,261.81 | 1,233.49 | 28.32 | 44.549 | | |
| 3,100.00 | 2,967.71 | 2,704.09 | 2,520.40 | 17.52 | 18.02 | 112.79 | 894.75 | -554.86 | 1,311.86 | 1,282.28 | 29.57 | 44.361 | | |
| 3,200.00 | 3,060.68 | 2,809.35 | 2,596.87 | 18.27 | 18.99 | 112.88 | 925.52 | -581.26 | 1,361.91 | 1,330.95 | 30.96 | 43.989 | | |
| 3,300.00 | 3,153.65 | 2,877.20 | 2,673.34 | 19.03 | 19.62 | 112.97 | 956.30 | -607.67 | 1,411.96 | 1,379.88 | 32.08 | 44.018 | | |
| 3,400.00 | 3,246.61 | 2,963.76 | 2,749.81 | 19.78 | 20.42 | 113.05 | 987.07 | -634.07 | 1,462.01 | 1,428.68 | 33.33 | 43.862 | | |
| 3,500.00 | 3,339.58 | 3,050.31 | 2,826.28 | 20.54 | 21.23 | 113.12 | 1,017.84 | -660.47 | 1,512.07 | 1,477.48 | 34.59 | 43.716 | | |
| 3,600.00 | 3,432.55 | 3,136.86 | 2,902.75 | 21.30 | 22.03 | 113.19 | 1,048.61 | -686.87 | 1,562.13 | 1,526.28 | 35.85 | 43.577 | | |
| 3,700.00 | 3,525.52 | 3,223.42 | 2,979.22 | 22.06 | 22.84 | 113.26 | 1,079.38 | -713.27 | 1,612.19 | 1,575.08 | 37.11 | 43.447 | | |
| 3,800.00 | 3,618.49 | 3,309.97 | 3,055.69 | 22.82 | 23.64 | 113.32 | 1,110.15 | -739.68 | 1,662.25 | 1,623.88 | 38.37 | 43.324 | | |
| 3,900.00 | 3,711.45 | 3,403.47 | 3,132.15 | 23.57 | 24.51 | 113.38 | 1,140.93 | -766.08 | 1,712.31 | 1,672.63 | 39.68 | 43.152 | | |
| 4,000.00 | 3,804.42 | 3,483.08 | 3,208.62 | 24.33 | 25.26 | 113.43 | 1,171.70 | -792.48 | 1,762.37 | 1,721.48 | 40.89 | 43.097 | | |
| 4,100.00 | 3,897.39 | 3,569.63 | 3,285.09 | 25.09 | 26.06 | 113.48 | 1,202.47 | -818.88 | 1,812.44 | 1,770.28 | 42.16 | 42.992 | | |
| 4,200.00 | 3,990.36 | 3,656.19 | 3,361.56 | 25.86 | 26.87 | 113.53 | 1,233.24 | -845.28 | 1,862.50 | 1,819.08 | 43.42 | 42.892 | | |
| 4,300.00 | 4,083.32 | 3,742.74 | 3,438.03 | 26.62 | 27.68 | 113.58 | 1,264.01 | -871.68 | 1,912.57 | 1,867.88 | 44.69 | 42.797 | | |
| 4,400.00 | 4,176.29 | 3,829.30 | 3,514.50 | 27.38 | 28.49 | 113.62 | 1,294.79 | -898.09 | 1,962.64 | 1,916.68 | 45.96 | 42.707 | | |
| 4,500.00 | 4,269.26 | 3,915.85 | 3,590.97 | 28.14 | 29.29 | 113.66 | 1,325.56 | -924.49 | 2,012.71 | 1,965.48 | 47.22 | 42.621 | | |
| 4,600.00 | 4,362.23 | 4,002.41 | 3,667.44 | 28.90 | 30.10 | 113.70 | 1,356.33 | -950.89 | 2,062.78 | 2,014.28 | 48.49 | 42.539 | | |
| 4,700.00 | 4,455.20 | 4,088.96 | 3,743.91 | 29.66 | 30.91 | 113.74 | 1,387.10 | -977.29 | 2,112.85 | 2,063.09 | 49.76 | 42.460 | | |
| 4,800.00 | 4,548.16 | 4,175.51 | 3,820.38 | 30.43 | 31.72 | 113.78 | 1,417.87 | -1,003.69 | 2,162.92 | 2,111.89 | 51.03 | 42.385 | | |
| 4,900.00 | 4,641.13 | 4,262.07 | 3,896.85 | 31.19 | 32.53 | 113.81 | 1,448.64 | -1,030.10 | 2,212.99 | 2,160.69 | 52.30 | 42.313 | | |
| 5,000.00 | 4,734.10 | 4,348.62 | 3,973.32 | 31.95 | 33.34 | 113.84 | 1,479.42 | -1,056.50 | 2,263.06 | 2,209.49 | 53.57 | 42.244 | | |
| 5,100.00 | 4,827.07 | 4,435.18 | 4,049.79 | 32.71 | 34.15 | 113.87 | 1,510.19 | -1,082.90 | 2,313.13 | 2,258.29 | 54.84 | 42.178 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-02 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,521.73 | 4,126.26 | 33.48 | 34.96 | 113.90 | 1,540.96 | -1,109.30 | 2,363.20 | 2,307.09 | 56.11 | 42.114 | | |
| 5,300.00 | 5,013.00 | 4,608.28 | 4,202.73 | 34.24 | 35.77 | 113.93 | 1,571.73 | -1,135.70 | 2,413.28 | 2,355.89 | 57.39 | 42.053 | | |
| 5,400.00 | 5,105.97 | 4,705.16 | 4,279.20 | 35.00 | 36.67 | 113.96 | 1,602.50 | -1,162.11 | 2,463.35 | 2,404.62 | 58.74 | 41.940 | | |
| 5,500.00 | 5,198.94 | 4,781.39 | 4,355.67 | 35.77 | 37.39 | 113.99 | 1,633.28 | -1,188.51 | 2,513.43 | 2,453.49 | 59.93 | 41.938 | | |
| 5,600.00 | 5,291.91 | 4,867.95 | 4,432.14 | 36.53 | 38.20 | 114.01 | 1,664.05 | -1,214.91 | 2,563.50 | 2,502.29 | 61.21 | 41.883 | | |
| 5,700.00 | 5,384.87 | 4,954.50 | 4,508.61 | 37.29 | 39.01 | 114.04 | 1,694.82 | -1,241.31 | 2,613.57 | 2,551.10 | 62.48 | 41.831 | | |
| 5,800.00 | 5,477.84 | 5,041.05 | 4,585.08 | 38.06 | 39.82 | 114.06 | 1,725.59 | -1,267.71 | 2,663.65 | 2,599.90 | 63.75 | 41.780 | | |
| 5,900.00 | 5,570.81 | 5,127.61 | 4,661.55 | 38.82 | 40.63 | 114.08 | 1,756.36 | -1,294.12 | 2,713.73 | 2,648.70 | 65.03 | 41.731 | | |
| 6,000.00 | 5,663.78 | 5,214.16 | 4,738.02 | 39.59 | 41.44 | 114.11 | 1,787.14 | -1,320.52 | 2,763.80 | 2,697.50 | 66.30 | 41.684 | | |
| 6,100.00 | 5,756.75 | 5,300.72 | 4,814.49 | 40.35 | 42.25 | 114.13 | 1,817.91 | -1,346.92 | 2,813.88 | 2,746.30 | 67.58 | 41.638 | | |
| 6,200.00 | 5,849.71 | 5,387.27 | 4,890.96 | 41.12 | 43.06 | 114.15 | 1,848.68 | -1,373.32 | 2,863.95 | 2,795.10 | 68.85 | 41.594 | | |
| 6,300.00 | 5,942.68 | 5,473.82 | 4,967.43 | 41.88 | 43.87 | 114.17 | 1,879.45 | -1,399.72 | 2,914.03 | 2,843.90 | 70.13 | 41.551 | | |
| 6,400.00 | 6,035.65 | 5,560.38 | 5,043.90 | 42.64 | 44.68 | 114.19 | 1,910.22 | -1,426.13 | 2,964.11 | 2,892.70 | 71.41 | 41.510 | | |
| 6,500.00 | 6,128.62 | 5,646.93 | 5,120.37 | 43.41 | 45.49 | 114.20 | 1,940.99 | -1,452.53 | 3,014.18 | 2,941.50 | 72.68 | 41.470 | | |
| 6,600.00 | 6,221.59 | 5,733.49 | 5,196.84 | 44.17 | 46.30 | 114.22 | 1,971.77 | -1,478.93 | 3,064.26 | 2,990.30 | 73.96 | 41.431 | | |
| 6,700.00 | 6,314.55 | 5,820.04 | 5,273.31 | 44.94 | 47.11 | 114.24 | 2,002.54 | -1,505.33 | 3,114.34 | 3,039.10 | 75.24 | 41.393 | | |
| 6,800.00 | 6,407.52 | 5,906.59 | 5,349.78 | 45.70 | 47.93 | 114.26 | 2,033.31 | -1,531.73 | 3,164.42 | 3,087.90 | 76.52 | 41.356 | | |
| 6,900.00 | 6,499.98 | 6,006.85 | 5,426.25 | 46.49 | 48.87 | 107.84 | 2,064.08 | -1,558.14 | 3,214.40 | 3,136.48 | 77.92 | 41.251 | | |
| 7,000.00 | 6,586.50 | 6,078.84 | 5,501.96 | 47.49 | 49.54 | 96.56 | 2,094.55 | -1,584.28 | 3,263.00 | 3,183.63 | 79.37 | 41.110 | | |
| 7,100.00 | 6,663.58 | 6,161.23 | 5,574.75 | 48.75 | 50.31 | 88.80 | 2,123.84 | -1,609.41 | 3,308.89 | 3,227.70 | 81.20 | 40.752 | | |
| 7,200.00 | 6,728.87 | 6,237.80 | 5,642.40 | 50.23 | 51.03 | 83.14 | 2,151.06 | -1,632.76 | 3,351.14 | 3,267.90 | 83.25 | 40.255 | | |
| 7,300.00 | 6,780.38 | 6,306.24 | 5,702.86 | 51.91 | 51.67 | 78.92 | 2,175.39 | -1,653.64 | 3,389.10 | 3,303.64 | 85.47 | 39.653 | | |
| 7,400.00 | 6,816.56 | 6,364.46 | 5,754.30 | 53.74 | 52.22 | 75.78 | 2,196.09 | -1,671.40 | 3,422.32 | 3,334.54 | 87.78 | 38.987 | | |
| 7,500.00 | 6,836.29 | 6,410.69 | 5,795.14 | 55.65 | 52.65 | 73.48 | 2,212.53 | -1,685.50 | 3,450.50 | 3,360.40 | 90.10 | 38.297 | | |
| 7,600.00 | 6,840.00 | 6,444.36 | 5,824.89 | 57.58 | 52.97 | 72.51 | 2,224.50 | -1,695.77 | 3,473.87 | 3,381.53 | 92.34 | 37.621 | | |
| 7,700.00 | 6,840.00 | 6,475.04 | 5,851.99 | 59.56 | 53.25 | 73.01 | 2,235.40 | -1,705.13 | 3,498.01 | 3,403.45 | 94.56 | 36.994 | | |
| 7,800.00 | 6,840.00 | 6,505.71 | 5,879.09 | 61.60 | 53.54 | 73.50 | 2,246.31 | -1,714.48 | 3,524.55 | 3,427.78 | 96.77 | 36.421 | | |
| 7,900.00 | 6,840.00 | 6,536.38 | 5,906.19 | 63.69 | 53.83 | 73.99 | 2,257.21 | -1,723.84 | 3,553.44 | 3,454.47 | 98.98 | 35.902 | | |
| 8,000.00 | 6,840.00 | 6,567.06 | 5,933.29 | 65.82 | 54.12 | 74.48 | 2,268.12 | -1,733.20 | 3,584.63 | 3,483.47 | 101.16 | 35.434 | | |
| 8,100.00 | 6,840.00 | 6,602.27 | 5,960.39 | 67.99 | 54.45 | 74.97 | 2,279.02 | -1,742.55 | 3,618.06 | 3,514.69 | 103.36 | 35.003 | | |
| 8,200.00 | 6,840.00 | 8,525.41 | 6,840.00 | 70.21 | 81.50 | 89.98 | 2,637.47 | -3,091.65 | 3,631.45 | 3,493.27 | 138.18 | 26.281 | | |
| 8,300.00 | 6,840.00 | 8,625.41 | 6,840.00 | 72.45 | 83.45 | 89.98 | 2,637.90 | -3,191.65 | 3,631.40 | 3,488.58 | 142.82 | 25.427 | | |
| 8,400.00 | 6,840.00 | 8,725.41 | 6,840.00 | 74.73 | 85.43 | 89.98 | 2,638.33 | -3,291.65 | 3,631.35 | 3,483.84 | 147.51 | 24.617 | | |
| 8,500.00 | 6,840.00 | 8,825.41 | 6,840.00 | 77.04 | 87.46 | 89.98 | 2,638.76 | -3,391.65 | 3,631.30 | 3,479.04 | 152.26 | 23.850 | | |
| 8,600.00 | 6,840.00 | 8,925.41 | 6,840.00 | 79.38 | 89.52 | 89.98 | 2,639.18 | -3,491.65 | 3,631.25 | 3,474.21 | 157.05 | 23.122 | | |
| 8,700.00 | 6,840.00 | 9,025.41 | 6,840.00 | 81.74 | 91.62 | 89.98 | 2,639.61 | -3,591.65 | 3,631.20 | 3,469.33 | 161.88 | 22.432 | | |
| 8,800.00 | 6,840.00 | 9,125.41 | 6,840.00 | 84.12 | 93.75 | 89.98 | 2,640.04 | -3,691.65 | 3,631.16 | 3,464.41 | 166.74 | 21.777 | | |
| 8,900.00 | 6,840.00 | 9,225.41 | 6,840.00 | 86.52 | 95.91 | 89.98 | 2,640.47 | -3,791.65 | 3,631.11 | 3,459.46 | 171.65 | 21.155 | | |
| 9,000.00 | 6,840.00 | 9,325.41 | 6,840.00 | 88.94 | 98.09 | 89.98 | 2,640.90 | -3,891.65 | 3,631.06 | 3,454.48 | 176.58 | 20.563 | | |
| 9,100.00 | 6,840.00 | 9,425.41 | 6,840.00 | 91.38 | 100.31 | 89.98 | 2,641.33 | -3,991.65 | 3,631.01 | 3,449.47 | 181.54 | 20.001 | | |
| 9,200.00 | 6,840.00 | 9,525.41 | 6,840.00 | 93.83 | 102.55 | 89.98 | 2,641.76 | -4,091.64 | 3,630.96 | 3,444.43 | 186.53 | 19.466 | | |
| 9,300.00 | 6,840.00 | 9,625.41 | 6,840.00 | 96.30 | 104.81 | 89.98 | 2,642.19 | -4,191.64 | 3,630.91 | 3,439.37 | 191.55 | 18.956 | | |
| 9,400.00 | 6,840.00 | 9,725.41 | 6,840.00 | 98.79 | 107.10 | 89.98 | 2,642.62 | -4,291.64 | 3,630.86 | 3,434.28 | 196.58 | 18.470 | | |
| 9,500.00 | 6,840.00 | 9,825.41 | 6,840.00 | 101.28 | 109.41 | 89.98 | 2,643.04 | -4,391.64 | 3,630.82 | 3,429.18 | 201.64 | 18.006 | | |
| 9,600.00 | 6,840.00 | 9,925.41 | 6,840.00 | 103.79 | 111.73 | 89.98 | 2,643.47 | -4,491.64 | 3,630.77 | 3,424.05 | 206.72 | 17.564 | | |
| 9,700.00 | 6,840.00 | 10,025.41 | 6,840.00 | 106.30 | 114.08 | 89.98 | 2,643.90 | -4,591.64 | 3,630.72 | 3,418.91 | 211.81 | 17.141 | | |
| 9,800.00 | 6,840.00 | 10,125.41 | 6,840.00 | 108.83 | 116.44 | 89.98 | 2,644.33 | -4,691.64 | 3,630.67 | 3,413.75 | 216.92 | 16.737 | | |
| 9,900.00 | 6,840.00 | 10,225.41 | 6,840.00 | 111.37 | 118.82 | 89.98 | 2,644.76 | -4,791.64 | 3,630.62 | 3,408.57 | 222.05 | 16.351 | | |
| 10,000.00 | 6,840.00 | 10,325.41 | 6,840.00 | 113.91 | 121.21 | 89.98 | 2,645.19 | -4,891.64 | 3,630.57 | 3,403.38 | 227.19 | 15.980 | | |
| 10,100.00 | 6,840.00 | 10,425.41 | 6,840.00 | 116.47 | 123.62 | 89.98 | 2,645.62 | -4,991.64 | 3,630.53 | 3,398.18 | 232.35 | 15.626 | | |
| 10,200.00 | 6,840.00 | 10,525.41 | 6,840.00 | 119.03 | 126.04 | 89.98 | 2,646.05 | -5,091.64 | 3,630.48 | 3,392.96 | 237.51 | 15.285 | | |
| 10,300.00 | 6,840.00 | 10,625.41 | 6,840.00 | 121.59 | 128.47 | 89.98 | 2,646.48 | -5,191.63 | 3,630.43 | 3,387.74 | 242.69 | 14.959 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-02 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 10,725.41 | 6,840.00 | 124.17 | 130.92 | 89.98 | 2,646.90 | -5,291.63 | 3,630.38 | 3,382.50 | 247.88 | 14.645 | | |
| 10,500.00 | 6,840.00 | 10,825.41 | 6,840.00 | 126.75 | 133.37 | 89.98 | 2,647.33 | -5,391.63 | 3,630.33 | 3,377.25 | 253.09 | 14.344 | | |
| 10,600.00 | 6,840.00 | 10,925.41 | 6,840.00 | 129.34 | 135.84 | 89.98 | 2,647.76 | -5,491.63 | 3,630.28 | 3,371.99 | 258.30 | 14.055 | | |
| 10,700.00 | 6,840.00 | 11,025.41 | 6,840.00 | 131.93 | 138.32 | 89.98 | 2,648.19 | -5,591.63 | 3,630.24 | 3,366.72 | 263.52 | 13.776 | | |
| 10,800.00 | 6,840.00 | 11,125.41 | 6,840.00 | 134.53 | 140.80 | 89.98 | 2,648.62 | -5,691.63 | 3,630.19 | 3,361.44 | 268.75 | 13.508 | | |
| 10,900.00 | 6,840.00 | 11,225.41 | 6,840.00 | 137.13 | 143.30 | 89.98 | 2,649.05 | -5,791.63 | 3,630.14 | 3,356.16 | 273.98 | 13.250 | | |
| 11,000.00 | 6,840.00 | 11,325.41 | 6,840.00 | 139.73 | 145.80 | 89.98 | 2,649.48 | -5,891.63 | 3,630.09 | 3,350.86 | 279.23 | 13.000 | | |
| 11,100.00 | 6,840.00 | 11,425.41 | 6,840.00 | 142.35 | 148.32 | 89.98 | 2,649.91 | -5,991.63 | 3,630.04 | 3,345.56 | 284.48 | 12.760 | | |
| 11,200.00 | 6,840.00 | 11,525.41 | 6,840.00 | 144.96 | 150.84 | 89.98 | 2,650.34 | -6,091.63 | 3,629.99 | 3,340.25 | 289.74 | 12.528 | | |
| 11,300.00 | 6,840.00 | 11,625.41 | 6,840.00 | 147.58 | 153.36 | 89.98 | 2,650.77 | -6,191.63 | 3,629.94 | 3,334.94 | 295.01 | 12.305 | | |
| 11,400.00 | 6,840.00 | 11,725.41 | 6,840.00 | 150.20 | 155.90 | 89.98 | 2,651.19 | -6,291.62 | 3,629.90 | 3,329.62 | 300.28 | 12.088 | | |
| 11,500.00 | 6,840.00 | 11,825.41 | 6,840.00 | 152.83 | 158.44 | 89.98 | 2,651.62 | -6,391.62 | 3,629.85 | 3,324.29 | 305.55 | 11.880 | | |
| 11,600.00 | 6,840.00 | 11,925.41 | 6,840.00 | 155.46 | 160.98 | 89.98 | 2,652.05 | -6,491.62 | 3,629.80 | 3,318.96 | 310.84 | 11.677 | | |
| 11,700.00 | 6,840.00 | 12,025.41 | 6,840.00 | 158.09 | 163.54 | 89.98 | 2,652.48 | -6,591.62 | 3,629.75 | 3,313.62 | 316.13 | 11.482 | | |
| 11,800.00 | 6,840.00 | 12,125.41 | 6,840.00 | 160.73 | 166.09 | 89.98 | 2,652.91 | -6,691.62 | 3,629.70 | 3,308.28 | 321.42 | 11.293 | | |
| 11,900.00 | 6,840.00 | 12,225.41 | 6,840.00 | 163.36 | 168.66 | 89.98 | 2,653.34 | -6,791.62 | 3,629.65 | 3,302.94 | 326.72 | 11.109 | | |
| 12,000.00 | 6,840.00 | 12,325.41 | 6,840.00 | 166.01 | 171.23 | 89.98 | 2,653.77 | -6,891.62 | 3,629.61 | 3,297.58 | 332.02 | 10.932 | | |
| 12,100.00 | 6,840.00 | 12,425.41 | 6,840.00 | 168.65 | 173.80 | 89.98 | 2,654.20 | -6,991.62 | 3,629.56 | 3,292.23 | 337.33 | 10.760 | | |
| 12,200.00 | 6,840.00 | 12,525.41 | 6,840.00 | 171.30 | 176.38 | 89.98 | 2,654.63 | -7,091.62 | 3,629.51 | 3,286.87 | 342.64 | 10.593 | | |
| 12,300.00 | 6,840.00 | 12,625.41 | 6,840.00 | 173.94 | 178.96 | 89.98 | 2,655.05 | -7,191.62 | 3,629.46 | 3,281.50 | 347.96 | 10.431 | | |
| 12,400.00 | 6,840.00 | 12,725.41 | 6,840.00 | 176.59 | 181.55 | 89.98 | 2,655.48 | -7,291.62 | 3,629.41 | 3,276.14 | 353.28 | 10.274 | | |
| 12,500.00 | 6,840.00 | 12,825.41 | 6,840.00 | 179.25 | 184.14 | 89.98 | 2,655.91 | -7,391.61 | 3,629.36 | 3,270.77 | 358.60 | 10.121 | | |
| 12,600.00 | 6,840.00 | 12,925.41 | 6,840.00 | 181.90 | 186.73 | 89.98 | 2,656.34 | -7,491.61 | 3,629.32 | 3,265.39 | 363.92 | 9.973 | | |
| 12,700.00 | 6,840.00 | 13,025.41 | 6,840.00 | 184.56 | 189.33 | 89.98 | 2,656.77 | -7,591.61 | 3,629.27 | 3,260.01 | 369.25 | 9.829 | | |
| 12,800.00 | 6,840.00 | 13,125.41 | 6,840.00 | 187.22 | 191.93 | 89.98 | 2,657.20 | -7,691.61 | 3,629.22 | 3,254.63 | 374.59 | 9.689 | | |
| 12,900.00 | 6,840.00 | 13,225.41 | 6,840.00 | 189.88 | 194.54 | 89.98 | 2,657.63 | -7,791.61 | 3,629.17 | 3,249.25 | 379.92 | 9.552 | | |
| 13,000.00 | 6,840.00 | 13,325.41 | 6,840.00 | 192.54 | 197.15 | 89.98 | 2,658.06 | -7,891.61 | 3,629.12 | 3,243.86 | 385.26 | 9.420 | | |
| 13,100.00 | 6,840.00 | 13,425.41 | 6,840.00 | 195.20 | 199.76 | 89.98 | 2,658.49 | -7,991.61 | 3,629.07 | 3,238.47 | 390.60 | 9.291 | | |
| 13,200.00 | 6,840.00 | 13,525.41 | 6,840.00 | 197.87 | 202.37 | 89.98 | 2,658.91 | -8,091.61 | 3,629.02 | 3,233.08 | 395.95 | 9.165 | | |
| 13,300.00 | 6,840.00 | 13,625.41 | 6,840.00 | 200.53 | 204.99 | 89.98 | 2,659.34 | -8,191.61 | 3,628.98 | 3,227.68 | 401.29 | 9.043 | | |
| 13,400.00 | 6,840.00 | 13,725.41 | 6,840.00 | 203.20 | 207.61 | 89.98 | 2,659.77 | -8,291.61 | 3,628.93 | 3,222.28 | 406.64 | 8.924 | | |
| 13,500.00 | 6,840.00 | 13,825.41 | 6,840.00 | 205.87 | 210.23 | 89.98 | 2,660.20 | -8,391.60 | 3,628.88 | 3,216.88 | 412.00 | 8.808 | | |
| 13,600.00 | 6,840.00 | 13,925.41 | 6,840.00 | 208.54 | 212.86 | 89.98 | 2,660.63 | -8,491.60 | 3,628.83 | 3,211.48 | 417.35 | 8.695 | | |
| 13,700.00 | 6,840.00 | 14,025.41 | 6,840.00 | 211.22 | 215.49 | 89.98 | 2,661.06 | -8,591.60 | 3,628.78 | 3,206.08 | 422.71 | 8.585 | | |
| 13,800.00 | 6,840.00 | 14,125.41 | 6,840.00 | 213.89 | 218.12 | 89.98 | 2,661.49 | -8,691.60 | 3,628.73 | 3,200.67 | 428.06 | 8.477 | | |
| 13,900.00 | 6,840.00 | 14,225.41 | 6,840.00 | 216.56 | 220.75 | 89.98 | 2,661.92 | -8,791.60 | 3,628.69 | 3,195.26 | 433.42 | 8.372 | | |
| 14,000.00 | 6,840.00 | 14,325.41 | 6,840.00 | 219.24 | 223.38 | 89.98 | 2,662.35 | -8,891.60 | 3,628.64 | 3,189.85 | 438.79 | 8.270 | | |
| 14,100.00 | 6,840.00 | 14,425.41 | 6,840.00 | 221.92 | 226.02 | 89.98 | 2,662.78 | -8,991.60 | 3,628.59 | 3,184.44 | 444.15 | 8.170 | | |
| 14,200.00 | 6,840.00 | 14,525.41 | 6,840.00 | 224.59 | 228.66 | 89.98 | 2,663.20 | -9,091.60 | 3,628.54 | 3,179.03 | 449.52 | 8.072 | | |
| 14,300.00 | 6,840.00 | 14,625.41 | 6,840.00 | 227.27 | 231.30 | 89.98 | 2,663.63 | -9,191.60 | 3,628.49 | 3,173.61 | 454.88 | 7.977 | | |
| 14,400.00 | 6,840.00 | 14,725.41 | 6,840.00 | 229.95 | 233.94 | 89.98 | 2,664.06 | -9,291.60 | 3,628.44 | 3,168.19 | 460.25 | 7.884 | | |
| 14,500.00 | 6,840.00 | 14,825.41 | 6,840.00 | 232.63 | 236.59 | 89.98 | 2,664.49 | -9,391.60 | 3,628.40 | 3,162.77 | 465.62 | 7.793 | | |
| 14,600.00 | 6,840.00 | 14,925.41 | 6,840.00 | 235.31 | 239.23 | 89.98 | 2,664.92 | -9,491.59 | 3,628.35 | 3,157.35 | 471.00 | 7.704 | | |
| 14,700.00 | 6,840.00 | 15,025.41 | 6,840.00 | 238.00 | 241.88 | 89.98 | 2,665.35 | -9,591.59 | 3,628.30 | 3,151.93 | 476.37 | 7.617 | | |
| 14,800.00 | 6,840.00 | 15,125.41 | 6,840.00 | 240.68 | 244.53 | 89.98 | 2,665.78 | -9,691.59 | 3,628.25 | 3,146.50 | 481.75 | 7.531 | | |
| 14,900.00 | 6,840.00 | 15,225.41 | 6,840.00 | 243.36 | 247.18 | 89.98 | 2,666.21 | -9,791.59 | 3,628.20 | 3,141.08 | 487.12 | 7.448 | | |
| 15,000.00 | 6,840.00 | 15,325.41 | 6,840.00 | 246.05 | 249.84 | 89.98 | 2,666.64 | -9,891.59 | 3,628.15 | 3,135.65 | 492.50 | 7.367 | | |
| 15,100.00 | 6,840.00 | 15,425.41 | 6,840.00 | 248.74 | 252.49 | 89.98 | 2,667.07 | -9,991.59 | 3,628.10 | 3,130.22 | 497.88 | 7.287 | | |
| 15,200.00 | 6,840.00 | 15,525.41 | 6,840.00 | 251.42 | 255.15 | 89.98 | 2,667.49 | -10,091.59 | 3,628.06 | 3,124.80 | 503.26 | 7.209 | | |
| 15,300.00 | 6,840.00 | 15,625.41 | 6,840.00 | 254.11 | 257.80 | 89.98 | 2,667.92 | -10,191.59 | 3,628.01 | 3,119.36 | 508.64 | 7.133 | | |
| 15,400.00 | 6,840.00 | 15,725.41 | 6,840.00 | 256.80 | 260.46 | 89.98 | 2,668.35 | -10,291.59 | 3,627.96 | 3,113.93 | 514.03 | 7.058 | | |
| 15,500.00 | 6,840.00 | 15,825.41 | 6,840.00 | 259.49 | 263.12 | 89.98 | 2,668.78 | -10,391.59 | 3,627.91 | 3,108.50 | 519.41 | 6.985 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-02 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,600.00 | 6,840.00 | 15,925.41 | 6,840.00 | 262.17 | 265.78 | 89.98 | 2,669.21 | -10,491.59 | 3,627.86 | 3,103.07 | 524.80 | 6.913 | | |
| 15,700.00 | 6,840.00 | 16,025.41 | 6,840.00 | 264.86 | 268.44 | 89.98 | 2,669.64 | -10,591.58 | 3,627.81 | 3,097.63 | 530.18 | 6.843 | | |
| 15,800.00 | 6,840.00 | 16,125.41 | 6,840.00 | 267.55 | 271.11 | 89.98 | 2,670.07 | -10,691.58 | 3,627.77 | 3,092.19 | 535.57 | 6.774 | | |
| 15,900.00 | 6,840.00 | 16,225.41 | 6,840.00 | 270.25 | 273.77 | 89.98 | 2,670.50 | -10,791.58 | 3,627.72 | 3,086.76 | 540.96 | 6.706 | | |
| 16,000.00 | 6,840.00 | 16,325.41 | 6,840.00 | 272.94 | 276.44 | 89.98 | 2,670.92 | -10,891.58 | 3,627.67 | 3,081.32 | 546.35 | 6.640 | | |
| 16,100.00 | 6,840.00 | 16,425.41 | 6,840.00 | 275.63 | 279.10 | 89.98 | 2,671.35 | -10,991.58 | 3,627.62 | 3,075.88 | 551.74 | 6.575 | | |
| 16,200.00 | 6,840.00 | 16,525.41 | 6,840.00 | 278.32 | 281.77 | 89.98 | 2,671.78 | -11,091.58 | 3,627.57 | 3,070.44 | 557.13 | 6.511 | | |
| 16,300.00 | 6,840.00 | 16,625.41 | 6,840.00 | 281.02 | 284.44 | 89.98 | 2,672.21 | -11,191.58 | 3,627.52 | 3,065.00 | 562.53 | 6.449 | | |
| 16,400.00 | 6,840.00 | 16,725.41 | 6,840.00 | 283.71 | 287.11 | 89.98 | 2,672.64 | -11,291.58 | 3,627.48 | 3,059.56 | 567.92 | 6.387 | | |
| 16,500.00 | 6,840.00 | 16,825.41 | 6,840.00 | 286.40 | 289.78 | 89.98 | 2,673.07 | -11,391.58 | 3,627.43 | 3,054.11 | 573.31 | 6.327 | | |
| 16,600.00 | 6,840.00 | 16,925.41 | 6,840.00 | 289.10 | 292.45 | 89.98 | 2,673.50 | -11,491.58 | 3,627.38 | 3,048.67 | 578.71 | 6.268 | | |
| 16,700.00 | 6,840.00 | 17,025.41 | 6,840.00 | 291.79 | 295.13 | 89.98 | 2,673.93 | -11,591.58 | 3,627.33 | 3,043.22 | 584.11 | 6.210 | | |
| 16,800.00 | 6,840.00 | 17,125.41 | 6,840.00 | 294.49 | 297.80 | 89.98 | 2,674.36 | -11,691.57 | 3,627.28 | 3,037.78 | 589.50 | 6.153 | | |
| 16,900.00 | 6,840.00 | 17,225.41 | 6,840.00 | 297.19 | 300.47 | 89.98 | 2,674.79 | -11,791.57 | 3,627.23 | 3,032.33 | 594.90 | 6.097 | | |
| 17,000.00 | 6,840.00 | 17,325.41 | 6,840.00 | 299.88 | 303.15 | 89.98 | 2,675.21 | -11,891.57 | 3,627.18 | 3,026.89 | 600.30 | 6.042 | | |
| 17,100.00 | 6,840.00 | 17,425.41 | 6,840.00 | 302.58 | 305.83 | 89.98 | 2,675.64 | -11,991.57 | 3,627.14 | 3,021.44 | 605.70 | 5.988 | | |
| 17,200.00 | 6,840.00 | 17,525.41 | 6,840.00 | 305.28 | 308.50 | 89.98 | 2,676.07 | -12,091.57 | 3,627.09 | 3,015.99 | 611.10 | 5.935 | | |
| 17,300.00 | 6,840.00 | 17,625.41 | 6,840.00 | 307.97 | 311.18 | 89.98 | 2,676.50 | -12,191.57 | 3,627.04 | 3,010.54 | 616.50 | 5.883 | | |
| 17,400.00 | 6,840.00 | 17,725.41 | 6,840.00 | 310.67 | 313.86 | 89.98 | 2,676.93 | -12,291.57 | 3,626.99 | 3,005.09 | 621.90 | 5.832 | | |
| 17,500.00 | 6,840.00 | 17,825.41 | 6,840.00 | 313.37 | 316.54 | 89.98 | 2,677.36 | -12,391.57 | 3,626.94 | 2,999.64 | 627.30 | 5.782 | | |
| 17,600.00 | 6,840.00 | 17,925.41 | 6,840.00 | 316.07 | 319.22 | 89.98 | 2,677.79 | -12,491.57 | 3,626.89 | 2,994.19 | 632.70 | 5.732 | | |
| 17,700.00 | 6,840.00 | 18,025.41 | 6,840.00 | 318.77 | 321.90 | 89.98 | 2,678.22 | -12,591.57 | 3,626.85 | 2,988.74 | 638.11 | 5.684 | | |
| 17,800.00 | 6,840.00 | 18,125.41 | 6,840.00 | 321.47 | 324.58 | 89.98 | 2,678.65 | -12,691.56 | 3,626.80 | 2,983.29 | 643.51 | 5.636 | | |
| 17,900.00 | 6,840.00 | 18,225.41 | 6,840.00 | 324.17 | 327.26 | 89.98 | 2,679.07 | -12,791.56 | 3,626.75 | 2,977.83 | 648.92 | 5.589 | | |
| 18,000.00 | 6,840.00 | 18,325.41 | 6,840.00 | 326.87 | 329.94 | 89.98 | 2,679.50 | -12,891.56 | 3,626.70 | 2,972.38 | 654.32 | 5.543 | | |
| 18,100.00 | 6,840.00 | 18,425.41 | 6,840.00 | 329.57 | 332.63 | 89.98 | 2,679.93 | -12,991.56 | 3,626.65 | 2,966.93 | 659.73 | 5.497 | | |
| 18,200.00 | 6,840.00 | 18,525.41 | 6,840.00 | 332.27 | 335.31 | 89.98 | 2,680.36 | -13,091.56 | 3,626.60 | 2,961.47 | 665.13 | 5.452 | | |
| 18,300.00 | 6,840.00 | 18,625.41 | 6,840.00 | 334.97 | 337.99 | 89.98 | 2,680.79 | -13,191.56 | 3,626.56 | 2,956.02 | 670.54 | 5.408 | | |
| 18,400.00 | 6,840.00 | 18,725.41 | 6,840.00 | 337.67 | 340.68 | 89.98 | 2,681.22 | -13,291.56 | 3,626.51 | 2,950.56 | 675.95 | 5.365 | | |
| 18,500.00 | 6,840.00 | 18,825.41 | 6,840.00 | 340.38 | 343.36 | 89.98 | 2,681.65 | -13,391.56 | 3,626.46 | 2,945.10 | 681.35 | 5.322 | | |
| 18,600.00 | 6,840.00 | 18,925.41 | 6,840.00 | 343.08 | 346.05 | 89.98 | 2,682.08 | -13,491.56 | 3,626.41 | 2,939.65 | 686.76 | 5.280 | | |
| 18,700.00 | 6,840.00 | 19,025.41 | 6,840.00 | 345.78 | 348.74 | 89.98 | 2,682.51 | -13,591.56 | 3,626.36 | 2,934.19 | 692.17 | 5.239 | | |
| 18,800.00 | 6,840.00 | 19,125.41 | 6,840.00 | 348.48 | 351.42 | 89.98 | 2,682.94 | -13,691.56 | 3,626.31 | 2,928.73 | 697.58 | 5.198 | | |
| 18,900.00 | 6,840.00 | 19,225.41 | 6,840.00 | 351.19 | 354.11 | 89.98 | 2,683.36 | -13,791.55 | 3,626.26 | 2,923.27 | 702.99 | 5.158 | | |
| 19,000.00 | 6,840.00 | 19,325.41 | 6,840.00 | 353.89 | 356.80 | 89.98 | 2,683.79 | -13,891.55 | 3,626.22 | 2,917.82 | 708.40 | 5.119 | | |
| 19,100.00 | 6,840.00 | 19,425.41 | 6,840.00 | 356.59 | 359.49 | 89.98 | 2,684.22 | -13,991.55 | 3,626.17 | 2,912.36 | 713.81 | 5.080 | | |
| 19,200.00 | 6,840.00 | 19,525.41 | 6,840.00 | 359.30 | 362.18 | 89.98 | 2,684.65 | -14,091.55 | 3,626.12 | 2,906.90 | 719.22 | 5.042 | | |
| 19,300.00 | 6,840.00 | 19,625.41 | 6,840.00 | 362.00 | 364.87 | 89.98 | 2,685.08 | -14,191.55 | 3,626.07 | 2,901.44 | 724.63 | 5.004 | | |
| 19,400.00 | 6,840.00 | 19,725.41 | 6,840.00 | 364.71 | 367.56 | 89.98 | 2,685.51 | -14,291.55 | 3,626.02 | 2,895.98 | 730.05 | 4.967 | | |
| 19,500.00 | 6,840.00 | 19,825.41 | 6,840.00 | 367.41 | 370.25 | 89.98 | 2,685.94 | -14,391.55 | 3,625.97 | 2,890.52 | 735.46 | 4.930 | | |
| 19,600.00 | 6,840.00 | 19,925.41 | 6,840.00 | 370.11 | 372.94 | 89.98 | 2,686.37 | -14,491.55 | 3,625.93 | 2,885.06 | 740.87 | 4.894 | | |
| 19,700.00 | 6,840.00 | 20,025.41 | 6,840.00 | 372.82 | 375.63 | 89.98 | 2,686.80 | -14,591.55 | 3,625.88 | 2,879.59 | 746.28 | 4.859 | | |
| 19,800.00 | 6,840.00 | 20,125.41 | 6,840.00 | 375.53 | 378.32 | 89.98 | 2,687.22 | -14,691.55 | 3,625.83 | 2,874.13 | 751.70 | 4.824 | | |
| 19,900.00 | 6,840.00 | 20,225.41 | 6,840.00 | 378.23 | 381.01 | 89.98 | 2,687.65 | -14,791.55 | 3,625.78 | 2,868.67 | 757.11 | 4.789 | | |
| 20,000.00 | 6,840.00 | 20,325.41 | 6,840.00 | 380.94 | 383.71 | 89.98 | 2,688.08 | -14,891.54 | 3,625.73 | 2,863.21 | 762.52 | 4.755 | | |
| 20,100.00 | 6,840.00 | 20,425.41 | 6,840.00 | 383.64 | 386.40 | 89.98 | 2,688.51 | -14,991.54 | 3,625.68 | 2,857.74 | 767.94 | 4.721 | | |
| 20,200.00 | 6,840.00 | 20,525.41 | 6,840.00 | 386.35 | 389.09 | 89.98 | 2,688.94 | -15,091.54 | 3,625.64 | 2,852.28 | 773.35 | 4.688 | | |
| 20,300.00 | 6,840.00 | 20,625.41 | 6,840.00 | 389.05 | 391.79 | 89.98 | 2,689.37 | -15,191.54 | 3,625.59 | 2,846.82 | 778.77 | 4.656 | | |
| 20,400.00 | 6,840.00 | 20,725.41 | 6,840.00 | 391.76 | 394.48 | 89.98 | 2,689.80 | -15,291.54 | 3,625.54 | 2,841.35 | 784.19 | 4.623 | | |
| 20,442.82 | 6,840.00 | 20,768.23 | 6,840.00 | 392.92 | 395.63 | 89.98 | 2,689.98 | -15,334.36 | 3,625.52 | 2,839.01 | 786.50 | 4.610 SF | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-03 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 1.00 | 1.00 | 0.00 | 0.00 | 0.07 | 225.50 | 0.28 | 225.50 | | | | | |
| 100.00 | 100.00 | 101.00 | 101.00 | 0.13 | 0.14 | 0.07 | 225.50 | 0.28 | 225.50 | 225.23 | 0.27 | 827.725 | | |
| 200.00 | 200.00 | 201.00 | 201.00 | 0.49 | 0.50 | 0.07 | 225.50 | 0.28 | 225.50 | 224.51 | 0.99 | 227.924 | | |
| 300.00 | 300.00 | 301.00 | 301.00 | 0.85 | 0.85 | 0.07 | 225.50 | 0.28 | 225.50 | 223.80 | 1.71 | 132.158 CC, ES | | |
| 400.00 | 400.00 | 395.61 | 395.60 | 1.21 | 1.19 | -0.21 | 226.64 | -0.84 | 226.71 | 224.30 | 2.40 | 94.317 | | |
| 500.00 | 500.00 | 490.07 | 489.93 | 1.57 | 1.53 | -1.03 | 229.99 | -4.15 | 230.29 | 227.19 | 3.10 | 74.240 | | |
| 600.00 | 599.98 | 584.15 | 583.68 | 1.92 | 1.88 | 113.70 | 235.52 | -9.61 | 237.05 | 233.26 | 3.79 | 62.507 | | |
| 700.00 | 699.84 | 677.68 | 676.59 | 2.26 | 2.24 | 112.85 | 243.19 | -17.19 | 247.66 | 243.18 | 4.48 | 55.235 | | |
| 800.00 | 799.45 | 770.46 | 768.34 | 2.62 | 2.61 | 112.21 | 252.93 | -26.80 | 262.04 | 256.85 | 5.19 | 50.489 | | |
| 900.00 | 898.70 | 862.29 | 858.69 | 2.99 | 3.00 | 111.75 | 264.65 | -38.37 | 280.12 | 274.20 | 5.92 | 47.355 | | |
| 1,000.00 | 997.47 | 953.00 | 947.36 | 3.39 | 3.41 | 111.46 | 278.23 | -51.78 | 301.80 | 295.14 | 6.66 | 45.288 | | |
| 1,100.00 | 1,095.62 | 1,042.41 | 1,034.13 | 3.81 | 3.85 | 111.28 | 293.58 | -66.93 | 327.02 | 319.58 | 7.44 | 43.938 | | |
| 1,200.00 | 1,193.06 | 1,130.38 | 1,118.80 | 4.27 | 4.31 | 111.17 | 310.55 | -83.68 | 355.70 | 347.45 | 8.25 | 43.109 | | |
| 1,300.00 | 1,289.64 | 1,216.77 | 1,201.20 | 4.77 | 4.80 | 111.11 | 329.00 | -101.90 | 387.76 | 378.66 | 9.10 | 42.606 | | |
| 1,400.00 | 1,385.27 | 1,301.45 | 1,281.18 | 5.31 | 5.31 | 111.05 | 348.80 | -121.45 | 423.11 | 413.11 | 9.99 | 42.344 | | |
| 1,500.00 | 1,479.82 | 1,384.33 | 1,358.62 | 5.91 | 5.85 | 110.99 | 369.80 | -142.18 | 461.65 | 450.72 | 10.93 | 42.229 | | |
| 1,600.00 | 1,573.19 | 1,465.32 | 1,433.45 | 6.55 | 6.42 | 111.06 | 391.85 | -163.95 | 503.27 | 491.35 | 11.92 | 42.225 | | |
| 1,700.00 | 1,666.16 | 1,544.80 | 1,506.00 | 7.23 | 7.01 | 111.62 | 414.95 | -186.76 | 547.12 | 534.19 | 12.93 | 42.319 | | |
| 1,800.00 | 1,759.13 | 1,622.92 | 1,576.40 | 7.93 | 7.62 | 111.94 | 439.03 | -210.54 | 592.73 | 578.78 | 13.95 | 42.496 | | |
| 1,900.00 | 1,852.10 | 1,711.45 | 1,655.66 | 8.64 | 8.35 | 112.15 | 467.10 | -238.25 | 639.18 | 624.06 | 15.12 | 42.261 | | |
| 2,000.00 | 1,945.06 | 1,799.98 | 1,734.92 | 9.35 | 9.09 | 112.34 | 495.17 | -265.96 | 685.64 | 669.32 | 16.32 | 42.012 | | |
| 2,100.00 | 2,038.03 | 1,888.52 | 1,814.18 | 10.08 | 9.84 | 112.51 | 523.23 | -293.67 | 732.10 | 714.57 | 17.53 | 41.760 | | |
| 2,200.00 | 2,131.00 | 1,977.05 | 1,893.44 | 10.81 | 10.60 | 112.65 | 551.30 | -321.38 | 778.57 | 759.82 | 18.75 | 41.514 | | |
| 2,300.00 | 2,223.97 | 2,065.58 | 1,972.70 | 11.54 | 11.36 | 112.78 | 579.37 | -349.09 | 825.05 | 805.06 | 19.99 | 41.278 | | |
| 2,400.00 | 2,316.94 | 2,154.11 | 2,051.97 | 12.28 | 12.13 | 112.90 | 607.43 | -376.80 | 871.52 | 850.29 | 21.23 | 41.054 | | |
| 2,500.00 | 2,409.90 | 2,242.64 | 2,131.23 | 13.02 | 12.90 | 113.00 | 635.50 | -404.51 | 918.00 | 895.52 | 22.48 | 40.842 | | |
| 2,600.00 | 2,502.87 | 2,331.17 | 2,210.49 | 13.77 | 13.68 | 113.09 | 663.57 | -432.22 | 964.48 | 940.75 | 23.73 | 40.643 | | |
| 2,700.00 | 2,595.84 | 2,419.70 | 2,289.75 | 14.51 | 14.45 | 113.18 | 691.63 | -459.93 | 1,010.96 | 985.97 | 24.99 | 40.456 | | |
| 2,800.00 | 2,688.81 | 2,508.23 | 2,369.01 | 15.26 | 15.23 | 113.26 | 719.70 | -487.64 | 1,057.44 | 1,031.19 | 26.25 | 40.280 | | |
| 2,900.00 | 2,781.77 | 2,603.23 | 2,448.27 | 16.01 | 16.07 | 113.33 | 747.77 | -515.35 | 1,103.93 | 1,076.36 | 27.57 | 40.047 | | |
| 3,000.00 | 2,874.74 | 2,685.30 | 2,527.53 | 16.76 | 16.79 | 113.39 | 775.83 | -543.06 | 1,150.41 | 1,121.62 | 28.79 | 39.960 | | |
| 3,100.00 | 2,967.71 | 2,773.83 | 2,606.79 | 17.52 | 17.58 | 113.45 | 803.90 | -570.76 | 1,196.90 | 1,166.84 | 30.06 | 39.814 | | |
| 3,200.00 | 3,060.68 | 2,862.36 | 2,686.05 | 18.27 | 18.36 | 113.51 | 831.97 | -598.47 | 1,243.39 | 1,212.05 | 31.34 | 39.677 | | |
| 3,300.00 | 3,153.65 | 2,950.89 | 2,765.31 | 19.03 | 19.15 | 113.56 | 860.03 | -626.18 | 1,289.88 | 1,257.26 | 32.62 | 39.548 | | |
| 3,400.00 | 3,246.61 | 3,039.42 | 2,844.57 | 19.78 | 19.94 | 113.61 | 888.10 | -653.89 | 1,336.37 | 1,302.47 | 33.89 | 39.427 | | |
| 3,500.00 | 3,339.58 | 3,127.95 | 2,923.83 | 20.54 | 20.72 | 113.65 | 916.17 | -681.60 | 1,382.86 | 1,347.68 | 35.18 | 39.312 | | |
| 3,600.00 | 3,432.55 | 3,216.48 | 3,003.09 | 21.30 | 21.51 | 113.69 | 944.23 | -709.31 | 1,429.35 | 1,392.89 | 36.46 | 39.204 | | |
| 3,700.00 | 3,525.52 | 3,305.02 | 3,082.35 | 22.06 | 22.30 | 113.73 | 972.30 | -737.02 | 1,475.84 | 1,438.10 | 37.74 | 39.102 | | |
| 3,800.00 | 3,618.49 | 3,406.45 | 3,161.61 | 22.82 | 23.21 | 113.77 | 1,000.37 | -764.73 | 1,522.33 | 1,483.21 | 39.12 | 38.910 | | |
| 3,900.00 | 3,711.45 | 3,482.08 | 3,240.87 | 23.57 | 23.88 | 113.80 | 1,028.43 | -792.44 | 1,568.82 | 1,528.51 | 40.32 | 38.913 | | |
| 4,000.00 | 3,804.42 | 3,570.61 | 3,320.13 | 24.33 | 24.67 | 113.84 | 1,056.50 | -820.15 | 1,615.32 | 1,573.71 | 41.60 | 38.826 | | |
| 4,100.00 | 3,897.39 | 3,659.14 | 3,399.39 | 25.09 | 25.46 | 113.87 | 1,084.57 | -847.86 | 1,661.81 | 1,618.92 | 42.89 | 38.743 | | |
| 4,200.00 | 3,990.36 | 3,747.67 | 3,478.65 | 25.86 | 26.25 | 113.90 | 1,112.63 | -875.57 | 1,708.30 | 1,664.12 | 44.18 | 38.664 | | |
| 4,300.00 | 4,083.32 | 3,836.20 | 3,557.91 | 26.62 | 27.05 | 113.92 | 1,140.70 | -903.28 | 1,754.80 | 1,709.32 | 45.47 | 38.589 | | |
| 4,400.00 | 4,176.29 | 3,924.73 | 3,637.17 | 27.38 | 27.84 | 113.95 | 1,168.77 | -930.99 | 1,801.29 | 1,754.52 | 46.77 | 38.517 | | |
| 4,500.00 | 4,269.26 | 4,013.27 | 3,716.43 | 28.14 | 28.63 | 113.98 | 1,196.83 | -958.70 | 1,847.78 | 1,799.73 | 48.06 | 38.449 | | |
| 4,600.00 | 4,362.23 | 4,101.80 | 3,795.69 | 28.90 | 29.42 | 114.00 | 1,224.90 | -986.41 | 1,894.28 | 1,844.93 | 49.35 | 38.384 | | |
| 4,700.00 | 4,455.20 | 4,209.67 | 3,874.95 | 29.66 | 30.39 | 114.02 | 1,252.97 | -1,014.12 | 1,940.77 | 1,889.99 | 50.79 | 38.213 | | |
| 4,800.00 | 4,548.16 | 4,278.86 | 3,954.22 | 30.43 | 31.01 | 114.04 | 1,281.03 | -1,041.83 | 1,987.27 | 1,935.33 | 51.94 | 38.262 | | |
| 4,900.00 | 4,641.13 | 4,367.39 | 4,033.48 | 31.19 | 31.80 | 114.06 | 1,309.10 | -1,069.54 | 2,033.76 | 1,980.53 | 53.23 | 38.204 | | |
| 5,000.00 | 4,734.10 | 4,455.92 | 4,112.74 | 31.95 | 32.60 | 114.08 | 1,337.17 | -1,097.25 | 2,080.26 | 2,025.73 | 54.53 | 38.149 | | |
| 5,100.00 | 4,827.07 | 4,544.45 | 4,192.00 | 32.71 | 33.39 | 114.10 | 1,365.23 | -1,124.96 | 2,126.76 | 2,070.93 | 55.83 | 38.097 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-03 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,632.98 | 4,271.26 | 33.48 | 34.19 | 114.12 | 1,393.30 | -1,152.67 | 2,173.25 | 2,116.13 | 57.12 | 38.046 | | |
| 5,300.00 | 5,013.00 | 4,721.52 | 4,350.52 | 34.24 | 34.98 | 114.14 | 1,421.36 | -1,180.38 | 2,219.75 | 2,161.33 | 58.42 | 37.997 | | |
| 5,400.00 | 5,105.97 | 4,810.05 | 4,429.78 | 35.00 | 35.78 | 114.15 | 1,449.43 | -1,208.09 | 2,266.24 | 2,206.53 | 59.72 | 37.950 | | |
| 5,500.00 | 5,198.94 | 4,898.58 | 4,509.04 | 35.77 | 36.57 | 114.17 | 1,477.50 | -1,235.80 | 2,312.74 | 2,251.73 | 61.01 | 37.905 | | |
| 5,600.00 | 5,291.91 | 4,987.11 | 4,588.30 | 36.53 | 37.37 | 114.18 | 1,505.56 | -1,263.51 | 2,359.24 | 2,296.92 | 62.31 | 37.862 | | |
| 5,700.00 | 5,384.87 | 5,075.64 | 4,667.56 | 37.29 | 38.16 | 114.20 | 1,533.63 | -1,291.22 | 2,405.73 | 2,342.12 | 63.61 | 37.820 | | |
| 5,800.00 | 5,477.84 | 5,164.17 | 4,746.82 | 38.06 | 38.96 | 114.21 | 1,561.70 | -1,318.93 | 2,452.23 | 2,387.32 | 64.91 | 37.779 | | |
| 5,900.00 | 5,570.81 | 5,252.70 | 4,826.08 | 38.82 | 39.75 | 114.23 | 1,589.76 | -1,346.64 | 2,498.73 | 2,432.52 | 66.21 | 37.740 | | |
| 6,000.00 | 5,663.78 | 5,341.23 | 4,905.34 | 39.59 | 40.55 | 114.24 | 1,617.83 | -1,374.35 | 2,545.22 | 2,477.71 | 67.51 | 37.702 | | |
| 6,100.00 | 5,756.75 | 5,429.77 | 4,984.60 | 40.35 | 41.34 | 114.25 | 1,645.90 | -1,402.06 | 2,591.72 | 2,522.91 | 68.81 | 37.666 | | |
| 6,200.00 | 5,849.71 | 5,518.30 | 5,063.86 | 41.12 | 42.14 | 114.26 | 1,673.96 | -1,429.77 | 2,638.22 | 2,568.11 | 70.11 | 37.630 | | |
| 6,300.00 | 5,942.68 | 5,606.83 | 5,143.12 | 41.88 | 42.93 | 114.28 | 1,702.03 | -1,457.48 | 2,684.71 | 2,613.30 | 71.41 | 37.596 | | |
| 6,400.00 | 6,035.65 | 5,704.64 | 5,222.38 | 42.64 | 43.81 | 114.29 | 1,730.10 | -1,485.19 | 2,731.21 | 2,658.43 | 72.78 | 37.527 | | |
| 6,500.00 | 6,128.62 | 5,783.89 | 5,301.64 | 43.41 | 44.52 | 114.30 | 1,758.16 | -1,512.90 | 2,777.71 | 2,703.70 | 74.01 | 37.531 | | |
| 6,600.00 | 6,221.59 | 5,872.42 | 5,380.90 | 44.17 | 45.32 | 114.31 | 1,786.23 | -1,540.61 | 2,824.21 | 2,748.89 | 75.31 | 37.499 | | |
| 6,700.00 | 6,314.55 | 5,960.95 | 5,460.16 | 44.94 | 46.12 | 114.32 | 1,814.30 | -1,568.32 | 2,870.70 | 2,794.09 | 76.62 | 37.469 | | |
| 6,800.00 | 6,407.52 | 6,049.48 | 5,539.42 | 45.70 | 46.91 | 114.33 | 1,842.36 | -1,596.03 | 2,917.20 | 2,839.28 | 77.92 | 37.440 | | |
| 6,900.00 | 6,499.98 | 6,138.02 | 5,618.69 | 46.49 | 47.71 | 108.13 | 1,870.43 | -1,623.74 | 2,963.61 | 2,884.36 | 79.25 | 37.398 | | |
| 7,000.00 | 6,586.50 | 6,225.68 | 5,697.17 | 47.49 | 48.50 | 97.36 | 1,898.22 | -1,651.18 | 3,008.68 | 2,927.86 | 80.82 | 37.227 | | |
| 7,100.00 | 6,663.58 | 6,309.98 | 5,772.64 | 48.75 | 49.25 | 90.07 | 1,924.95 | -1,677.56 | 3,051.20 | 2,968.54 | 82.66 | 36.911 | | |
| 7,200.00 | 6,728.87 | 6,388.34 | 5,842.80 | 50.23 | 49.96 | 84.82 | 1,949.79 | -1,702.09 | 3,090.40 | 3,005.66 | 84.73 | 36.472 | | |
| 7,300.00 | 6,780.38 | 6,458.39 | 5,905.51 | 51.91 | 50.59 | 80.93 | 1,972.00 | -1,724.01 | 3,125.75 | 3,038.78 | 86.96 | 35.944 | | |
| 7,400.00 | 6,816.56 | 6,518.00 | 5,958.88 | 53.74 | 51.13 | 78.04 | 1,990.89 | -1,742.67 | 3,156.94 | 3,067.67 | 89.27 | 35.363 | | |
| 7,500.00 | 6,836.29 | 6,565.36 | 6,001.28 | 55.65 | 51.55 | 75.89 | 2,005.91 | -1,757.49 | 3,183.80 | 3,092.22 | 91.57 | 34.768 | | |
| 7,600.00 | 6,840.00 | 6,599.88 | 6,032.18 | 57.58 | 51.86 | 74.99 | 2,016.85 | -1,768.30 | 3,206.61 | 3,112.83 | 93.78 | 34.193 | | |
| 7,700.00 | 6,840.00 | 6,631.33 | 6,060.34 | 59.56 | 52.14 | 75.54 | 2,026.82 | -1,778.14 | 3,230.52 | 3,134.57 | 95.95 | 33.668 | | |
| 7,800.00 | 6,840.00 | 6,662.78 | 6,088.50 | 61.60 | 52.43 | 76.08 | 2,036.79 | -1,787.99 | 3,257.03 | 3,158.92 | 98.11 | 33.197 | | |
| 7,900.00 | 6,840.00 | 6,705.77 | 6,116.65 | 63.69 | 52.81 | 76.63 | 2,046.76 | -1,797.83 | 3,286.06 | 3,185.72 | 100.34 | 32.748 | | |
| 8,000.00 | 6,840.00 | 8,233.41 | 6,840.00 | 65.82 | 74.70 | 89.98 | 2,306.59 | -2,892.79 | 3,301.52 | 3,172.76 | 128.76 | 25.641 | | |
| 8,100.00 | 6,840.00 | 8,333.41 | 6,840.00 | 67.99 | 76.64 | 89.98 | 2,307.03 | -2,992.79 | 3,301.48 | 3,168.19 | 133.28 | 24.770 | | |
| 8,200.00 | 6,840.00 | 8,433.41 | 6,840.00 | 70.21 | 78.63 | 89.98 | 2,307.46 | -3,092.79 | 3,301.44 | 3,163.56 | 137.88 | 23.945 | | |
| 8,300.00 | 6,840.00 | 8,533.41 | 6,840.00 | 72.45 | 80.65 | 89.98 | 2,307.90 | -3,192.79 | 3,301.40 | 3,158.87 | 142.53 | 23.163 | | |
| 8,400.00 | 6,840.00 | 8,633.41 | 6,840.00 | 74.73 | 82.72 | 89.98 | 2,308.34 | -3,292.79 | 3,301.36 | 3,154.12 | 147.24 | 22.422 | | |
| 8,500.00 | 6,840.00 | 8,733.41 | 6,840.00 | 77.04 | 84.83 | 89.98 | 2,308.78 | -3,392.79 | 3,301.32 | 3,149.32 | 152.00 | 21.720 | | |
| 8,600.00 | 6,840.00 | 8,833.41 | 6,840.00 | 79.38 | 86.97 | 89.98 | 2,309.21 | -3,492.78 | 3,301.28 | 3,144.48 | 156.80 | 21.055 | | |
| 8,700.00 | 6,840.00 | 8,933.41 | 6,840.00 | 81.74 | 89.14 | 89.98 | 2,309.65 | -3,592.78 | 3,301.24 | 3,139.60 | 161.64 | 20.424 | | |
| 8,800.00 | 6,840.00 | 9,033.41 | 6,840.00 | 84.12 | 91.34 | 89.98 | 2,310.09 | -3,692.78 | 3,301.20 | 3,134.68 | 166.51 | 19.825 | | |
| 8,900.00 | 6,840.00 | 9,133.41 | 6,840.00 | 86.52 | 93.57 | 89.98 | 2,310.53 | -3,792.78 | 3,301.16 | 3,129.73 | 171.43 | 19.257 | | |
| 9,000.00 | 6,840.00 | 9,233.41 | 6,840.00 | 88.94 | 95.83 | 89.98 | 2,310.96 | -3,892.78 | 3,301.12 | 3,124.75 | 176.37 | 18.717 | | |
| 9,100.00 | 6,840.00 | 9,333.41 | 6,840.00 | 91.38 | 98.11 | 89.98 | 2,311.40 | -3,992.78 | 3,301.08 | 3,119.74 | 181.34 | 18.204 | | |
| 9,200.00 | 6,840.00 | 9,433.41 | 6,840.00 | 93.83 | 100.41 | 89.98 | 2,311.84 | -4,092.78 | 3,301.04 | 3,114.70 | 186.34 | 17.715 | | |
| 9,300.00 | 6,840.00 | 9,533.41 | 6,840.00 | 96.30 | 102.73 | 89.98 | 2,312.28 | -4,192.78 | 3,301.00 | 3,109.64 | 191.36 | 17.250 | | |
| 9,400.00 | 6,840.00 | 9,633.41 | 6,840.00 | 98.79 | 105.07 | 89.98 | 2,312.71 | -4,292.78 | 3,300.96 | 3,104.56 | 196.40 | 16.807 | | |
| 9,500.00 | 6,840.00 | 9,733.41 | 6,840.00 | 101.28 | 107.44 | 89.98 | 2,313.15 | -4,392.78 | 3,300.92 | 3,099.45 | 201.47 | 16.384 | | |
| 9,600.00 | 6,840.00 | 9,833.41 | 6,840.00 | 103.79 | 109.82 | 89.98 | 2,313.59 | -4,492.78 | 3,300.88 | 3,094.33 | 206.55 | 15.981 | | |
| 9,700.00 | 6,840.00 | 9,933.41 | 6,840.00 | 106.30 | 112.21 | 89.98 | 2,314.02 | -4,592.77 | 3,300.84 | 3,089.19 | 211.65 | 15.596 | | |
| 9,800.00 | 6,840.00 | 10,033.41 | 6,840.00 | 108.83 | 114.62 | 89.98 | 2,314.46 | -4,692.77 | 3,300.80 | 3,084.03 | 216.77 | 15.227 | | |
| 9,900.00 | 6,840.00 | 10,133.41 | 6,840.00 | 111.37 | 117.04 | 89.98 | 2,314.90 | -4,792.77 | 3,300.76 | 3,078.86 | 221.90 | 14.875 | | |
| 10,000.00 | 6,840.00 | 10,233.41 | 6,840.00 | 113.91 | 119.48 | 89.98 | 2,315.34 | -4,892.77 | 3,300.72 | 3,073.67 | 227.05 | 14.537 | | |
| 10,100.00 | 6,840.00 | 10,333.41 | 6,840.00 | 116.47 | 121.93 | 89.98 | 2,315.77 | -4,992.77 | 3,300.68 | 3,068.47 | 232.21 | 14.214 | | |
| 10,200.00 | 6,840.00 | 10,433.41 | 6,840.00 | 119.03 | 124.39 | 89.98 | 2,316.21 | -5,092.77 | 3,300.64 | 3,063.26 | 237.38 | 13.904 | | |
| 10,300.00 | 6,840.00 | 10,533.41 | 6,840.00 | 121.59 | 126.87 | 89.98 | 2,316.65 | -5,192.77 | 3,300.60 | 3,058.03 | 242.57 | 13.607 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-03 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 10,633.41 | 6,840.00 | 124.17 | 129.35 | 89.98 | 2,317.09 | -5,292.77 | 3,300.56 | 3,052.80 | 247.76 | 13.321 | | |
| 10,500.00 | 6,840.00 | 10,733.41 | 6,840.00 | 126.75 | 131.84 | 89.98 | 2,317.52 | -5,392.77 | 3,300.52 | 3,047.55 | 252.97 | 13.047 | | |
| 10,600.00 | 6,840.00 | 10,833.41 | 6,840.00 | 129.34 | 134.35 | 89.98 | 2,317.96 | -5,492.77 | 3,300.48 | 3,042.30 | 258.19 | 12.783 | | |
| 10,700.00 | 6,840.00 | 10,933.41 | 6,840.00 | 131.93 | 136.86 | 89.98 | 2,318.40 | -5,592.76 | 3,300.44 | 3,037.03 | 263.41 | 12.530 | | |
| 10,800.00 | 6,840.00 | 11,033.41 | 6,840.00 | 134.53 | 139.38 | 89.98 | 2,318.84 | -5,692.76 | 3,300.40 | 3,031.76 | 268.64 | 12.285 | | |
| 10,900.00 | 6,840.00 | 11,133.41 | 6,840.00 | 137.13 | 141.90 | 89.98 | 2,319.27 | -5,792.76 | 3,300.36 | 3,026.48 | 273.88 | 12.050 | | |
| 11,000.00 | 6,840.00 | 11,233.41 | 6,840.00 | 139.73 | 144.44 | 89.98 | 2,319.71 | -5,892.76 | 3,300.32 | 3,021.19 | 279.13 | 11.823 | | |
| 11,100.00 | 6,840.00 | 11,333.41 | 6,840.00 | 142.35 | 146.98 | 89.98 | 2,320.15 | -5,992.76 | 3,300.28 | 3,015.89 | 284.39 | 11.605 | | |
| 11,200.00 | 6,840.00 | 11,433.41 | 6,840.00 | 144.96 | 149.53 | 89.98 | 2,320.59 | -6,092.76 | 3,300.24 | 3,010.59 | 289.65 | 11.394 | | |
| 11,300.00 | 6,840.00 | 11,533.41 | 6,840.00 | 147.58 | 152.08 | 89.98 | 2,321.02 | -6,192.76 | 3,300.20 | 3,005.28 | 294.92 | 11.190 | | |
| 11,400.00 | 6,840.00 | 11,633.41 | 6,840.00 | 150.20 | 154.64 | 89.98 | 2,321.46 | -6,292.76 | 3,300.16 | 2,999.97 | 300.20 | 10.993 | | |
| 11,500.00 | 6,840.00 | 11,733.41 | 6,840.00 | 152.83 | 157.21 | 89.98 | 2,321.90 | -6,392.76 | 3,300.12 | 2,994.64 | 305.48 | 10.803 | | |
| 11,600.00 | 6,840.00 | 11,833.41 | 6,840.00 | 155.46 | 159.78 | 89.98 | 2,322.34 | -6,492.76 | 3,300.08 | 2,989.32 | 310.76 | 10.619 | | |
| 11,700.00 | 6,840.00 | 11,933.41 | 6,840.00 | 158.09 | 162.36 | 89.98 | 2,322.77 | -6,592.75 | 3,300.04 | 2,983.99 | 316.06 | 10.441 | | |
| 11,800.00 | 6,840.00 | 12,033.41 | 6,840.00 | 160.73 | 164.94 | 89.98 | 2,323.21 | -6,692.75 | 3,300.00 | 2,978.65 | 321.35 | 10.269 | | |
| 11,900.00 | 6,840.00 | 12,133.41 | 6,840.00 | 163.36 | 167.52 | 89.98 | 2,323.65 | -6,792.75 | 3,299.96 | 2,973.31 | 326.65 | 10.102 | | |
| 12,000.00 | 6,840.00 | 12,233.41 | 6,840.00 | 166.01 | 170.11 | 89.98 | 2,324.09 | -6,892.75 | 3,299.92 | 2,967.96 | 331.96 | 9.941 | | |
| 12,100.00 | 6,840.00 | 12,333.41 | 6,840.00 | 168.65 | 172.71 | 89.98 | 2,324.52 | -6,992.75 | 3,299.88 | 2,962.61 | 337.27 | 9.784 | | |
| 12,200.00 | 6,840.00 | 12,433.41 | 6,840.00 | 171.30 | 175.30 | 89.98 | 2,324.96 | -7,092.75 | 3,299.84 | 2,957.26 | 342.58 | 9.632 | | |
| 12,300.00 | 6,840.00 | 12,533.41 | 6,840.00 | 173.94 | 177.91 | 89.98 | 2,325.40 | -7,192.75 | 3,299.80 | 2,951.90 | 347.90 | 9.485 | | |
| 12,400.00 | 6,840.00 | 12,633.41 | 6,840.00 | 176.59 | 180.51 | 89.98 | 2,325.84 | -7,292.75 | 3,299.76 | 2,946.54 | 353.22 | 9.342 | | |
| 12,500.00 | 6,840.00 | 12,733.41 | 6,840.00 | 179.25 | 183.12 | 89.98 | 2,326.27 | -7,392.75 | 3,299.72 | 2,941.17 | 358.55 | 9.203 | | |
| 12,600.00 | 6,840.00 | 12,833.41 | 6,840.00 | 181.90 | 185.73 | 89.98 | 2,326.71 | -7,492.75 | 3,299.68 | 2,935.81 | 363.88 | 9.068 | | |
| 12,700.00 | 6,840.00 | 12,933.41 | 6,840.00 | 184.56 | 188.35 | 89.98 | 2,327.15 | -7,592.75 | 3,299.64 | 2,930.43 | 369.21 | 8.937 | | |
| 12,800.00 | 6,840.00 | 13,033.41 | 6,840.00 | 187.22 | 190.97 | 89.98 | 2,327.59 | -7,692.74 | 3,299.60 | 2,925.06 | 374.54 | 8.810 | | |
| 12,900.00 | 6,840.00 | 13,133.41 | 6,840.00 | 189.88 | 193.59 | 89.98 | 2,328.02 | -7,792.74 | 3,299.56 | 2,919.68 | 379.88 | 8.686 | | |
| 13,000.00 | 6,840.00 | 13,233.41 | 6,840.00 | 192.54 | 196.21 | 89.98 | 2,328.46 | -7,892.74 | 3,299.52 | 2,914.30 | 385.22 | 8.565 | | |
| 13,100.00 | 6,840.00 | 13,333.41 | 6,840.00 | 195.20 | 198.84 | 89.98 | 2,328.90 | -7,992.74 | 3,299.48 | 2,908.92 | 390.57 | 8.448 | | |
| 13,200.00 | 6,840.00 | 13,433.41 | 6,840.00 | 197.87 | 201.47 | 89.98 | 2,329.34 | -8,092.74 | 3,299.44 | 2,903.53 | 395.91 | 8.334 | | |
| 13,300.00 | 6,840.00 | 13,533.41 | 6,840.00 | 200.53 | 204.10 | 89.98 | 2,329.77 | -8,192.74 | 3,299.40 | 2,898.14 | 401.26 | 8.223 | | |
| 13,400.00 | 6,840.00 | 13,633.41 | 6,840.00 | 203.20 | 206.74 | 89.98 | 2,330.21 | -8,292.74 | 3,299.36 | 2,892.75 | 406.61 | 8.114 | | |
| 13,500.00 | 6,840.00 | 13,733.41 | 6,840.00 | 205.87 | 209.37 | 89.98 | 2,330.65 | -8,392.74 | 3,299.32 | 2,887.36 | 411.96 | 8.009 | | |
| 13,600.00 | 6,840.00 | 13,833.41 | 6,840.00 | 208.54 | 212.01 | 89.98 | 2,331.09 | -8,492.74 | 3,299.28 | 2,881.96 | 417.32 | 7.906 | | |
| 13,700.00 | 6,840.00 | 13,933.41 | 6,840.00 | 211.22 | 214.65 | 89.98 | 2,331.52 | -8,592.74 | 3,299.24 | 2,876.57 | 422.68 | 7.806 | | |
| 13,800.00 | 6,840.00 | 14,033.41 | 6,840.00 | 213.89 | 217.29 | 89.98 | 2,331.96 | -8,692.73 | 3,299.20 | 2,871.17 | 428.04 | 7.708 | | |
| 13,900.00 | 6,840.00 | 14,133.41 | 6,840.00 | 216.56 | 219.94 | 89.98 | 2,332.40 | -8,792.73 | 3,299.16 | 2,865.76 | 433.40 | 7.612 | | |
| 14,000.00 | 6,840.00 | 14,233.41 | 6,840.00 | 219.24 | 222.59 | 89.98 | 2,332.83 | -8,892.73 | 3,299.12 | 2,860.36 | 438.76 | 7.519 | | |
| 14,100.00 | 6,840.00 | 14,333.41 | 6,840.00 | 221.92 | 225.23 | 89.98 | 2,333.27 | -8,992.73 | 3,299.08 | 2,854.96 | 444.13 | 7.428 | | |
| 14,200.00 | 6,840.00 | 14,433.41 | 6,840.00 | 224.59 | 227.88 | 89.98 | 2,333.71 | -9,092.73 | 3,299.04 | 2,849.55 | 449.50 | 7.339 | | |
| 14,300.00 | 6,840.00 | 14,533.41 | 6,840.00 | 227.27 | 230.54 | 89.98 | 2,334.15 | -9,192.73 | 3,299.00 | 2,844.14 | 454.87 | 7.253 | | |
| 14,400.00 | 6,840.00 | 14,633.41 | 6,840.00 | 229.95 | 233.19 | 89.98 | 2,334.58 | -9,292.73 | 3,298.96 | 2,838.73 | 460.24 | 7.168 | | |
| 14,500.00 | 6,840.00 | 14,733.41 | 6,840.00 | 232.63 | 235.85 | 89.98 | 2,335.02 | -9,392.73 | 3,298.92 | 2,833.32 | 465.61 | 7.085 | | |
| 14,600.00 | 6,840.00 | 14,833.41 | 6,840.00 | 235.31 | 238.50 | 89.98 | 2,335.46 | -9,492.73 | 3,298.88 | 2,827.90 | 470.98 | 7.004 | | |
| 14,700.00 | 6,840.00 | 14,933.41 | 6,840.00 | 238.00 | 241.16 | 89.98 | 2,335.90 | -9,592.73 | 3,298.84 | 2,822.49 | 476.36 | 6.925 | | |
| 14,800.00 | 6,840.00 | 15,033.41 | 6,840.00 | 240.68 | 243.82 | 89.98 | 2,336.33 | -9,692.73 | 3,298.80 | 2,817.07 | 481.73 | 6.848 | | |
| 14,900.00 | 6,840.00 | 15,133.41 | 6,840.00 | 243.36 | 246.48 | 89.98 | 2,336.77 | -9,792.72 | 3,298.76 | 2,811.65 | 487.11 | 6.772 | | |
| 15,000.00 | 6,840.00 | 15,233.41 | 6,840.00 | 246.05 | 249.14 | 89.98 | 2,337.21 | -9,892.72 | 3,298.72 | 2,806.23 | 492.49 | 6.698 | | |
| 15,100.00 | 6,840.00 | 15,333.41 | 6,840.00 | 248.74 | 251.81 | 89.98 | 2,337.65 | -9,992.72 | 3,298.68 | 2,800.81 | 497.87 | 6.626 | | |
| 15,200.00 | 6,840.00 | 15,433.41 | 6,840.00 | 251.42 | 254.47 | 89.98 | 2,338.08 | -10,092.72 | 3,298.65 | 2,795.39 | 503.25 | 6.555 | | |
| 15,300.00 | 6,840.00 | 15,533.41 | 6,840.00 | 254.11 | 257.14 | 89.98 | 2,338.52 | -10,192.72 | 3,298.61 | 2,789.97 | 508.64 | 6.485 | | |
| 15,400.00 | 6,840.00 | 15,633.41 | 6,840.00 | 256.80 | 259.80 | 89.98 | 2,338.96 | -10,292.72 | 3,298.57 | 2,784.54 | 514.02 | 6.417 | | |
| 15,500.00 | 6,840.00 | 15,733.41 | 6,840.00 | 259.49 | 262.47 | 89.98 | 2,339.40 | -10,392.72 | 3,298.53 | 2,779.12 | 519.41 | 6.351 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-03 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,600.00 | 6,840.00 | 15,833.41 | 6,840.00 | 262.17 | 265.14 | 89.98 | 2,339.83 | -10,492.72 | 3,298.49 | 2,773.69 | 524.79 | 6.285 | | |
| 15,700.00 | 6,840.00 | 15,933.41 | 6,840.00 | 264.86 | 267.81 | 89.98 | 2,340.27 | -10,592.72 | 3,298.45 | 2,768.26 | 530.18 | 6.221 | | |
| 15,800.00 | 6,840.00 | 16,033.41 | 6,840.00 | 267.55 | 270.48 | 89.98 | 2,340.71 | -10,692.72 | 3,298.41 | 2,762.83 | 535.57 | 6.159 | | |
| 15,900.00 | 6,840.00 | 16,133.41 | 6,840.00 | 270.25 | 273.16 | 89.98 | 2,341.15 | -10,792.71 | 3,298.37 | 2,757.40 | 540.96 | 6.097 | | |
| 16,000.00 | 6,840.00 | 16,233.41 | 6,840.00 | 272.94 | 275.83 | 89.98 | 2,341.58 | -10,892.71 | 3,298.33 | 2,751.97 | 546.35 | 6.037 | | |
| 16,100.00 | 6,840.00 | 16,333.41 | 6,840.00 | 275.63 | 278.50 | 89.98 | 2,342.02 | -10,992.71 | 3,298.29 | 2,746.54 | 551.74 | 5.978 | | |
| 16,200.00 | 6,840.00 | 16,433.41 | 6,840.00 | 278.32 | 281.18 | 89.98 | 2,342.46 | -11,092.71 | 3,298.25 | 2,741.11 | 557.14 | 5.920 | | |
| 16,300.00 | 6,840.00 | 16,533.41 | 6,840.00 | 281.02 | 283.85 | 89.98 | 2,342.90 | -11,192.71 | 3,298.21 | 2,735.68 | 562.53 | 5.863 | | |
| 16,400.00 | 6,840.00 | 16,633.41 | 6,840.00 | 283.71 | 286.53 | 89.98 | 2,343.33 | -11,292.71 | 3,298.17 | 2,730.24 | 567.93 | 5.807 | | |
| 16,500.00 | 6,840.00 | 16,733.41 | 6,840.00 | 286.40 | 289.21 | 89.98 | 2,343.77 | -11,392.71 | 3,298.13 | 2,724.81 | 573.32 | 5.753 | | |
| 16,600.00 | 6,840.00 | 16,833.41 | 6,840.00 | 289.10 | 291.89 | 89.98 | 2,344.21 | -11,492.71 | 3,298.09 | 2,719.37 | 578.72 | 5.699 | | |
| 16,700.00 | 6,840.00 | 16,933.41 | 6,840.00 | 291.79 | 294.57 | 89.98 | 2,344.65 | -11,592.71 | 3,298.05 | 2,713.93 | 584.11 | 5.646 | | |
| 16,800.00 | 6,840.00 | 17,033.41 | 6,840.00 | 294.49 | 297.25 | 89.98 | 2,345.08 | -11,692.71 | 3,298.01 | 2,708.49 | 589.51 | 5.594 | | |
| 16,900.00 | 6,840.00 | 17,133.41 | 6,840.00 | 297.19 | 299.93 | 89.98 | 2,345.52 | -11,792.70 | 3,297.97 | 2,703.06 | 594.91 | 5.544 | | |
| 17,000.00 | 6,840.00 | 17,233.41 | 6,840.00 | 299.88 | 302.61 | 89.98 | 2,345.96 | -11,892.70 | 3,297.93 | 2,697.62 | 600.31 | 5.494 | | |
| 17,100.00 | 6,840.00 | 17,333.41 | 6,840.00 | 302.58 | 305.29 | 89.98 | 2,346.40 | -11,992.70 | 3,297.89 | 2,692.18 | 605.71 | 5.445 | | |
| 17,200.00 | 6,840.00 | 17,433.41 | 6,840.00 | 305.28 | 307.97 | 89.98 | 2,346.83 | -12,092.70 | 3,297.85 | 2,686.74 | 611.11 | 5.396 | | |
| 17,300.00 | 6,840.00 | 17,533.41 | 6,840.00 | 307.97 | 310.66 | 89.98 | 2,347.27 | -12,192.70 | 3,297.81 | 2,681.29 | 616.51 | 5.349 | | |
| 17,400.00 | 6,840.00 | 17,633.41 | 6,840.00 | 310.67 | 313.34 | 89.98 | 2,347.71 | -12,292.70 | 3,297.77 | 2,675.85 | 621.91 | 5.303 | | |
| 17,500.00 | 6,840.00 | 17,733.41 | 6,840.00 | 313.37 | 316.03 | 89.98 | 2,348.15 | -12,392.70 | 3,297.73 | 2,670.41 | 627.32 | 5.257 | | |
| 17,600.00 | 6,840.00 | 17,833.41 | 6,840.00 | 316.07 | 318.71 | 89.98 | 2,348.58 | -12,492.70 | 3,297.69 | 2,664.97 | 632.72 | 5.212 | | |
| 17,700.00 | 6,840.00 | 17,933.41 | 6,840.00 | 318.77 | 321.40 | 89.98 | 2,349.02 | -12,592.70 | 3,297.65 | 2,659.52 | 638.12 | 5.168 | | |
| 17,800.00 | 6,840.00 | 18,033.41 | 6,840.00 | 321.47 | 324.08 | 89.98 | 2,349.46 | -12,692.70 | 3,297.61 | 2,654.08 | 643.53 | 5.124 | | |
| 17,900.00 | 6,840.00 | 18,133.41 | 6,840.00 | 324.17 | 326.77 | 89.98 | 2,349.90 | -12,792.70 | 3,297.57 | 2,648.63 | 648.93 | 5.082 | | |
| 18,000.00 | 6,840.00 | 18,233.41 | 6,840.00 | 326.87 | 329.46 | 89.98 | 2,350.33 | -12,892.69 | 3,297.53 | 2,643.19 | 654.34 | 5.039 | | |
| 18,100.00 | 6,840.00 | 18,333.41 | 6,840.00 | 329.57 | 332.15 | 89.98 | 2,350.77 | -12,992.69 | 3,297.49 | 2,637.74 | 659.75 | 4.998 | | |
| 18,200.00 | 6,840.00 | 18,433.41 | 6,840.00 | 332.27 | 334.84 | 89.98 | 2,351.21 | -13,092.69 | 3,297.45 | 2,632.29 | 665.15 | 4.957 | | |
| 18,300.00 | 6,840.00 | 18,533.41 | 6,840.00 | 334.97 | 337.53 | 89.98 | 2,351.64 | -13,192.69 | 3,297.41 | 2,626.85 | 670.56 | 4.917 | | |
| 18,400.00 | 6,840.00 | 18,633.41 | 6,840.00 | 337.67 | 340.22 | 89.98 | 2,352.08 | -13,292.69 | 3,297.37 | 2,621.40 | 675.97 | 4.878 | | |
| 18,500.00 | 6,840.00 | 18,733.41 | 6,840.00 | 340.38 | 342.91 | 89.98 | 2,352.52 | -13,392.69 | 3,297.33 | 2,615.95 | 681.38 | 4.839 | | |
| 18,600.00 | 6,840.00 | 18,833.41 | 6,840.00 | 343.08 | 345.60 | 89.98 | 2,352.96 | -13,492.69 | 3,297.29 | 2,610.50 | 686.79 | 4.801 | | |
| 18,700.00 | 6,840.00 | 18,933.41 | 6,840.00 | 345.78 | 348.29 | 89.98 | 2,353.39 | -13,592.69 | 3,297.25 | 2,605.05 | 692.20 | 4.763 | | |
| 18,800.00 | 6,840.00 | 19,033.41 | 6,840.00 | 348.48 | 350.98 | 89.98 | 2,353.83 | -13,692.69 | 3,297.21 | 2,599.60 | 697.60 | 4.726 | | |
| 18,900.00 | 6,840.00 | 19,133.41 | 6,840.00 | 351.19 | 353.67 | 89.98 | 2,354.27 | -13,792.69 | 3,297.17 | 2,594.15 | 703.02 | 4.690 | | |
| 19,000.00 | 6,840.00 | 19,233.41 | 6,840.00 | 353.89 | 356.36 | 89.98 | 2,354.71 | -13,892.68 | 3,297.13 | 2,588.70 | 708.43 | 4.654 | | |
| 19,100.00 | 6,840.00 | 19,333.41 | 6,840.00 | 356.59 | 359.06 | 89.98 | 2,355.14 | -13,992.68 | 3,297.09 | 2,583.25 | 713.84 | 4.619 | | |
| 19,200.00 | 6,840.00 | 19,433.41 | 6,840.00 | 359.30 | 361.75 | 89.98 | 2,355.58 | -14,092.68 | 3,297.05 | 2,577.80 | 719.25 | 4.584 | | |
| 19,300.00 | 6,840.00 | 19,533.41 | 6,840.00 | 362.00 | 364.44 | 89.98 | 2,356.02 | -14,192.68 | 3,297.01 | 2,572.35 | 724.66 | 4.550 | | |
| 19,400.00 | 6,840.00 | 19,633.41 | 6,840.00 | 364.71 | 367.14 | 89.98 | 2,356.46 | -14,292.68 | 3,296.97 | 2,566.90 | 730.07 | 4.516 | | |
| 19,500.00 | 6,840.00 | 19,733.41 | 6,840.00 | 367.41 | 369.83 | 89.98 | 2,356.89 | -14,392.68 | 3,296.93 | 2,561.44 | 735.49 | 4.483 | | |
| 19,600.00 | 6,840.00 | 19,833.41 | 6,840.00 | 370.11 | 372.53 | 89.98 | 2,357.33 | -14,492.68 | 3,296.89 | 2,555.99 | 740.90 | 4.450 | | |
| 19,700.00 | 6,840.00 | 19,933.41 | 6,840.00 | 372.82 | 375.22 | 89.98 | 2,357.77 | -14,592.68 | 3,296.85 | 2,550.54 | 746.31 | 4.418 | | |
| 19,800.00 | 6,840.00 | 20,033.41 | 6,840.00 | 375.53 | 377.92 | 89.98 | 2,358.21 | -14,692.68 | 3,296.81 | 2,545.08 | 751.73 | 4.386 | | |
| 19,900.00 | 6,840.00 | 20,133.41 | 6,840.00 | 378.23 | 380.61 | 89.98 | 2,358.64 | -14,792.68 | 3,296.77 | 2,539.63 | 757.14 | 4.354 | | |
| 20,000.00 | 6,840.00 | 20,233.41 | 6,840.00 | 380.94 | 383.31 | 89.98 | 2,359.08 | -14,892.68 | 3,296.73 | 2,534.17 | 762.56 | 4.323 | | |
| 20,100.00 | 6,840.00 | 20,333.41 | 6,840.00 | 383.64 | 386.01 | 89.98 | 2,359.52 | -14,992.67 | 3,296.69 | 2,528.72 | 767.97 | 4.293 | | |
| 20,200.00 | 6,840.00 | 20,433.41 | 6,840.00 | 386.35 | 388.70 | 89.98 | 2,359.96 | -15,092.67 | 3,296.65 | 2,523.26 | 773.39 | 4.263 | | |
| 20,300.00 | 6,840.00 | 20,533.41 | 6,840.00 | 389.05 | 391.40 | 89.98 | 2,360.39 | -15,192.67 | 3,296.61 | 2,517.81 | 778.80 | 4.233 | | |
| 20,400.00 | 6,840.00 | 20,633.41 | 6,840.00 | 391.76 | 394.10 | 89.98 | 2,360.83 | -15,292.67 | 3,296.57 | 2,512.35 | 784.22 | 4.204 | | |
| 20,442.82 | 6,840.00 | 20,676.22 | 6,840.00 | 392.92 | 395.25 | 89.98 | 2,361.02 | -15,335.49 | 3,296.55 | 2,510.02 | 786.54 | 4.191 SF | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-04 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 1.00 | 1.00 | 0.00 | 0.00 | 0.08 | 202.55 | 0.28 | 202.55 | | | | | |
| 100.00 | 100.00 | 101.00 | 101.00 | 0.13 | 0.14 | 0.08 | 202.55 | 0.28 | 202.55 | 202.28 | 0.27 | 743.482 | | |
| 200.00 | 200.00 | 201.00 | 201.00 | 0.49 | 0.50 | 0.08 | 202.55 | 0.28 | 202.55 | 201.56 | 0.99 | 204.727 | | |
| 300.00 | 300.00 | 301.00 | 301.00 | 0.85 | 0.85 | 0.08 | 202.55 | 0.28 | 202.55 | 200.85 | 1.71 | 118.707 | | |
| 400.00 | 400.00 | 401.00 | 401.00 | 1.21 | 1.21 | 0.08 | 202.55 | 0.28 | 202.55 | 200.13 | 2.42 | 83.587 CC, ES | | |
| 500.00 | 500.00 | 496.52 | 496.50 | 1.57 | 1.55 | -0.27 | 203.61 | -0.95 | 203.67 | 200.54 | 3.12 | 65.225 | | |
| 600.00 | 599.98 | 591.89 | 591.74 | 1.92 | 1.90 | 114.87 | 206.75 | -4.59 | 207.73 | 203.92 | 3.81 | 54.503 | | |
| 700.00 | 699.84 | 686.89 | 686.41 | 2.26 | 2.24 | 114.35 | 211.92 | -10.60 | 215.48 | 210.98 | 4.50 | 47.875 | | |
| 800.00 | 799.45 | 781.35 | 780.22 | 2.62 | 2.60 | 113.97 | 219.09 | -18.92 | 226.88 | 221.67 | 5.21 | 43.579 | | |
| 900.00 | 898.70 | 875.07 | 872.89 | 2.99 | 2.97 | 113.72 | 228.20 | -29.50 | 241.86 | 235.93 | 5.93 | 40.780 | | |
| 1,000.00 | 997.47 | 967.88 | 964.17 | 3.39 | 3.36 | 113.57 | 239.16 | -42.23 | 260.39 | 253.71 | 6.68 | 38.976 | | |
| 1,100.00 | 1,095.62 | 1,059.62 | 1,053.81 | 3.81 | 3.78 | 113.49 | 251.89 | -57.01 | 282.40 | 274.94 | 7.46 | 37.844 | | |
| 1,200.00 | 1,193.06 | 1,150.14 | 1,141.60 | 4.27 | 4.22 | 113.45 | 266.28 | -73.71 | 307.83 | 299.55 | 8.28 | 37.190 | | |
| 1,300.00 | 1,289.64 | 1,239.30 | 1,227.34 | 4.77 | 4.68 | 113.43 | 282.22 | -92.21 | 336.60 | 327.47 | 9.14 | 36.837 | | |
| 1,400.00 | 1,385.27 | 1,326.97 | 1,310.88 | 5.31 | 5.17 | 113.39 | 299.57 | -112.37 | 368.65 | 358.61 | 10.04 | 36.709 | | |
| 1,500.00 | 1,479.82 | 1,413.04 | 1,392.06 | 5.91 | 5.69 | 113.33 | 318.23 | -134.03 | 403.88 | 392.88 | 11.00 | 36.729 | | |
| 1,600.00 | 1,573.19 | 1,497.44 | 1,470.79 | 6.55 | 6.24 | 113.38 | 338.06 | -157.05 | 442.17 | 430.17 | 12.00 | 36.843 | | |
| 1,700.00 | 1,666.16 | 1,580.49 | 1,547.37 | 7.23 | 6.82 | 113.80 | 359.05 | -181.42 | 482.61 | 469.57 | 13.04 | 37.005 | | |
| 1,800.00 | 1,759.13 | 1,663.40 | 1,622.86 | 7.93 | 7.44 | 113.94 | 381.42 | -207.39 | 524.67 | 510.56 | 14.11 | 37.180 | | |
| 1,900.00 | 1,852.10 | 1,753.84 | 1,704.78 | 8.64 | 8.14 | 113.98 | 406.41 | -236.41 | 567.35 | 552.04 | 15.31 | 37.065 | | |
| 2,000.00 | 1,945.06 | 1,844.27 | 1,786.71 | 9.35 | 8.86 | 114.02 | 431.40 | -265.42 | 610.03 | 593.51 | 16.52 | 36.923 | | |
| 2,100.00 | 2,038.03 | 1,934.70 | 1,868.63 | 10.08 | 9.59 | 114.05 | 456.39 | -294.44 | 652.72 | 634.96 | 17.75 | 36.768 | | |
| 2,200.00 | 2,131.00 | 2,025.14 | 1,950.56 | 10.81 | 10.32 | 114.07 | 481.38 | -323.45 | 695.40 | 676.40 | 19.00 | 36.607 | | |
| 2,300.00 | 2,223.97 | 2,115.57 | 2,032.48 | 11.54 | 11.06 | 114.10 | 506.37 | -352.47 | 738.08 | 717.83 | 20.25 | 36.447 | | |
| 2,400.00 | 2,316.94 | 2,206.00 | 2,114.41 | 12.28 | 11.81 | 114.12 | 531.36 | -381.48 | 780.76 | 759.25 | 21.51 | 36.291 | | |
| 2,500.00 | 2,409.90 | 2,296.43 | 2,196.33 | 13.02 | 12.56 | 114.14 | 556.36 | -410.50 | 823.45 | 800.66 | 22.78 | 36.140 | | |
| 2,600.00 | 2,502.87 | 2,386.87 | 2,278.26 | 13.77 | 13.32 | 114.16 | 581.35 | -439.51 | 866.13 | 842.07 | 24.06 | 35.996 | | |
| 2,700.00 | 2,595.84 | 2,477.30 | 2,360.18 | 14.51 | 14.07 | 114.17 | 606.34 | -468.53 | 908.81 | 883.47 | 25.34 | 35.859 | | |
| 2,800.00 | 2,688.81 | 2,567.73 | 2,442.11 | 15.26 | 14.83 | 114.19 | 631.33 | -497.54 | 951.50 | 924.87 | 26.63 | 35.730 | | |
| 2,900.00 | 2,781.77 | 2,658.17 | 2,524.03 | 16.01 | 15.60 | 114.20 | 656.32 | -526.55 | 994.18 | 966.26 | 27.92 | 35.607 | | |
| 3,000.00 | 2,874.74 | 2,748.60 | 2,605.96 | 16.76 | 16.36 | 114.21 | 681.31 | -555.57 | 1,036.86 | 1,007.65 | 29.21 | 35.491 | | |
| 3,100.00 | 2,967.71 | 2,839.03 | 2,687.88 | 17.52 | 17.13 | 114.22 | 706.30 | -584.58 | 1,079.55 | 1,049.04 | 30.51 | 35.382 | | |
| 3,200.00 | 3,060.68 | 2,929.46 | 2,769.81 | 18.27 | 17.90 | 114.23 | 731.29 | -613.60 | 1,122.23 | 1,090.42 | 31.81 | 35.278 | | |
| 3,300.00 | 3,153.65 | 3,019.90 | 2,851.73 | 19.03 | 18.66 | 114.24 | 756.28 | -642.61 | 1,164.91 | 1,131.80 | 33.11 | 35.180 | | |
| 3,400.00 | 3,246.61 | 3,110.33 | 2,933.66 | 19.78 | 19.43 | 114.25 | 781.27 | -671.63 | 1,207.60 | 1,173.18 | 34.42 | 35.088 | | |
| 3,500.00 | 3,339.58 | 3,200.76 | 3,015.58 | 20.54 | 20.20 | 114.26 | 806.26 | -700.64 | 1,250.28 | 1,214.56 | 35.72 | 35.000 | | |
| 3,600.00 | 3,432.55 | 3,308.80 | 3,097.51 | 21.30 | 21.13 | 114.27 | 831.25 | -729.66 | 1,292.96 | 1,255.81 | 37.16 | 34.796 | | |
| 3,700.00 | 3,525.52 | 3,381.63 | 3,179.43 | 22.06 | 21.75 | 114.28 | 856.24 | -758.67 | 1,335.65 | 1,297.31 | 38.34 | 34.839 | | |
| 3,800.00 | 3,618.49 | 3,472.06 | 3,261.36 | 22.82 | 22.52 | 114.28 | 881.23 | -787.69 | 1,378.33 | 1,338.68 | 39.65 | 34.764 | | |
| 3,900.00 | 3,711.45 | 3,562.49 | 3,343.28 | 23.57 | 23.30 | 114.29 | 906.22 | -816.70 | 1,421.01 | 1,380.05 | 40.96 | 34.693 | | |
| 4,000.00 | 3,804.42 | 3,652.93 | 3,425.21 | 24.33 | 24.07 | 114.29 | 931.21 | -845.72 | 1,463.70 | 1,421.43 | 42.27 | 34.626 | | |
| 4,100.00 | 3,897.39 | 3,743.36 | 3,507.13 | 25.09 | 24.84 | 114.30 | 956.20 | -874.73 | 1,506.38 | 1,462.80 | 43.59 | 34.562 | | |
| 4,200.00 | 3,990.36 | 3,833.79 | 3,589.06 | 25.86 | 25.62 | 114.31 | 981.19 | -903.75 | 1,549.06 | 1,504.16 | 44.90 | 34.501 | | |
| 4,300.00 | 4,083.32 | 3,924.23 | 3,670.98 | 26.62 | 26.40 | 114.31 | 1,006.18 | -932.76 | 1,591.75 | 1,545.53 | 46.21 | 34.442 | | |
| 4,400.00 | 4,176.29 | 4,014.66 | 3,752.91 | 27.38 | 27.17 | 114.32 | 1,031.17 | -961.77 | 1,634.43 | 1,586.90 | 47.53 | 34.387 | | |
| 4,500.00 | 4,269.26 | 4,105.09 | 3,834.83 | 28.14 | 27.95 | 114.32 | 1,056.16 | -990.79 | 1,677.11 | 1,628.27 | 48.85 | 34.334 | | |
| 4,600.00 | 4,362.23 | 4,204.48 | 3,916.76 | 28.90 | 28.80 | 114.32 | 1,081.15 | -1,019.80 | 1,719.80 | 1,669.57 | 50.23 | 34.237 | | |
| 4,700.00 | 4,455.20 | 4,285.96 | 3,998.69 | 29.66 | 29.50 | 114.33 | 1,106.15 | -1,048.82 | 1,762.48 | 1,711.00 | 51.48 | 34.234 | | |
| 4,800.00 | 4,548.16 | 4,376.39 | 4,080.61 | 30.43 | 30.28 | 114.33 | 1,131.14 | -1,077.83 | 1,805.17 | 1,752.36 | 52.80 | 34.187 | | |
| 4,900.00 | 4,641.13 | 4,466.82 | 4,162.54 | 31.19 | 31.06 | 114.34 | 1,156.13 | -1,106.85 | 1,847.85 | 1,793.73 | 54.12 | 34.143 | | |
| 5,000.00 | 4,734.10 | 4,557.26 | 4,244.46 | 31.95 | 31.83 | 114.34 | 1,181.12 | -1,135.86 | 1,890.53 | 1,835.09 | 55.44 | 34.100 | | |
| 5,100.00 | 4,827.07 | 4,647.69 | 4,326.39 | 32.71 | 32.61 | 114.34 | 1,206.11 | -1,164.88 | 1,933.22 | 1,876.45 | 56.76 | 34.058 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-04 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,738.12 | 4,408.31 | 33.48 | 33.39 | 114.35 | 1,231.10 | -1,193.89 | 1,975.90 | 1,917.82 | 58.08 | 34.019 | | |
| 5,300.00 | 5,013.00 | 4,828.55 | 4,490.24 | 34.24 | 34.17 | 114.35 | 1,256.09 | -1,222.91 | 2,018.58 | 1,959.18 | 59.40 | 33.980 | | |
| 5,400.00 | 5,105.97 | 4,918.99 | 4,572.16 | 35.00 | 34.95 | 114.35 | 1,281.08 | -1,251.92 | 2,061.27 | 2,000.54 | 60.73 | 33.944 | | |
| 5,500.00 | 5,198.94 | 5,009.42 | 4,654.09 | 35.77 | 35.73 | 114.35 | 1,306.07 | -1,280.94 | 2,103.95 | 2,041.90 | 62.05 | 33.908 | | |
| 5,600.00 | 5,291.91 | 5,099.85 | 4,736.01 | 36.53 | 36.50 | 114.36 | 1,331.06 | -1,309.95 | 2,146.63 | 2,083.26 | 63.37 | 33.874 | | |
| 5,700.00 | 5,384.87 | 5,190.29 | 4,817.94 | 37.29 | 37.28 | 114.36 | 1,356.05 | -1,338.97 | 2,189.32 | 2,124.62 | 64.69 | 33.841 | | |
| 5,800.00 | 5,477.84 | 5,280.72 | 4,899.86 | 38.06 | 38.06 | 114.36 | 1,381.04 | -1,367.98 | 2,232.00 | 2,165.98 | 66.02 | 33.809 | | |
| 5,900.00 | 5,570.81 | 5,371.15 | 4,981.79 | 38.82 | 38.84 | 114.37 | 1,406.03 | -1,397.00 | 2,274.68 | 2,207.34 | 67.34 | 33.779 | | |
| 6,000.00 | 5,663.78 | 5,461.59 | 5,063.71 | 39.59 | 39.62 | 114.37 | 1,431.02 | -1,426.01 | 2,317.37 | 2,248.70 | 68.67 | 33.749 | | |
| 6,100.00 | 5,756.75 | 5,552.02 | 5,145.64 | 40.35 | 40.40 | 114.37 | 1,456.01 | -1,455.02 | 2,360.05 | 2,290.06 | 69.99 | 33.720 | | |
| 6,200.00 | 5,849.71 | 5,642.45 | 5,227.56 | 41.12 | 41.18 | 114.37 | 1,481.00 | -1,484.04 | 2,402.74 | 2,331.42 | 71.31 | 33.692 | | |
| 6,300.00 | 5,942.68 | 5,732.88 | 5,309.49 | 41.88 | 41.96 | 114.37 | 1,505.99 | -1,513.05 | 2,445.42 | 2,372.78 | 72.64 | 33.665 | | |
| 6,400.00 | 6,035.65 | 5,823.32 | 5,391.41 | 42.64 | 42.74 | 114.38 | 1,530.98 | -1,542.07 | 2,488.10 | 2,414.14 | 73.96 | 33.639 | | |
| 6,500.00 | 6,128.62 | 5,913.75 | 5,473.34 | 43.41 | 43.52 | 114.38 | 1,555.97 | -1,571.08 | 2,530.79 | 2,455.50 | 75.29 | 33.614 | | |
| 6,600.00 | 6,221.59 | 6,004.18 | 5,555.26 | 44.17 | 44.30 | 114.38 | 1,580.96 | -1,600.10 | 2,573.47 | 2,496.85 | 76.62 | 33.589 | | |
| 6,700.00 | 6,314.55 | 6,105.39 | 5,637.19 | 44.94 | 45.17 | 114.38 | 1,605.95 | -1,629.11 | 2,616.15 | 2,538.13 | 78.02 | 33.531 | | |
| 6,800.00 | 6,407.52 | 6,185.05 | 5,719.11 | 45.70 | 45.86 | 114.38 | 1,630.94 | -1,658.13 | 2,658.84 | 2,579.57 | 79.27 | 33.542 | | |
| 6,900.00 | 6,499.98 | 6,275.48 | 5,801.04 | 46.49 | 46.64 | 108.39 | 1,655.94 | -1,687.14 | 2,701.43 | 2,620.81 | 80.62 | 33.508 | | |
| 7,000.00 | 6,586.50 | 6,365.05 | 5,882.18 | 47.49 | 47.41 | 98.14 | 1,680.69 | -1,715.88 | 2,742.73 | 2,660.52 | 82.22 | 33.360 | | |
| 7,100.00 | 6,663.58 | 6,451.19 | 5,960.21 | 48.75 | 48.16 | 91.35 | 1,704.49 | -1,743.52 | 2,781.67 | 2,697.60 | 84.07 | 33.086 | | |
| 7,200.00 | 6,728.87 | 6,531.28 | 6,032.77 | 50.23 | 48.85 | 86.53 | 1,726.62 | -1,769.21 | 2,817.61 | 2,731.46 | 86.15 | 32.707 | | |
| 7,300.00 | 6,780.38 | 6,602.89 | 6,097.65 | 51.91 | 49.47 | 83.01 | 1,746.41 | -1,792.19 | 2,850.20 | 2,761.83 | 88.37 | 32.253 | | |
| 7,400.00 | 6,816.56 | 6,663.85 | 6,152.87 | 53.74 | 49.99 | 80.39 | 1,763.26 | -1,811.75 | 2,879.28 | 2,788.62 | 90.66 | 31.760 | | |
| 7,500.00 | 6,836.29 | 6,712.31 | 6,196.77 | 55.65 | 50.41 | 78.42 | 1,776.65 | -1,827.29 | 2,904.81 | 2,811.89 | 92.92 | 31.262 | | |
| 7,600.00 | 6,840.00 | 6,747.66 | 6,228.80 | 57.58 | 50.72 | 77.61 | 1,786.42 | -1,838.64 | 2,927.14 | 2,832.08 | 95.06 | 30.792 | | |
| 7,700.00 | 6,840.00 | 6,779.88 | 6,257.98 | 59.56 | 50.99 | 78.22 | 1,795.32 | -1,848.97 | 2,950.97 | 2,853.81 | 97.16 | 30.374 | | |
| 7,800.00 | 6,840.00 | 7,953.01 | 6,840.00 | 61.60 | 68.05 | 89.98 | 1,975.66 | -2,694.24 | 2,971.54 | 2,851.93 | 119.61 | 24.844 | | |
| 7,900.00 | 6,840.00 | 8,053.01 | 6,840.00 | 63.69 | 69.98 | 89.98 | 1,976.09 | -2,794.23 | 2,971.50 | 2,847.50 | 124.00 | 23.965 | | |
| 8,000.00 | 6,840.00 | 8,153.01 | 6,840.00 | 65.82 | 71.97 | 89.98 | 1,976.53 | -2,894.23 | 2,971.46 | 2,842.99 | 128.46 | 23.131 | | |
| 8,100.00 | 6,840.00 | 8,253.01 | 6,840.00 | 67.99 | 73.99 | 89.98 | 1,976.97 | -2,994.23 | 2,971.42 | 2,838.41 | 133.01 | 22.340 | | |
| 8,200.00 | 6,840.00 | 8,353.01 | 6,840.00 | 70.21 | 76.07 | 89.98 | 1,977.41 | -3,094.23 | 2,971.38 | 2,833.77 | 137.61 | 21.592 | | |
| 8,300.00 | 6,840.00 | 8,453.01 | 6,840.00 | 72.45 | 78.18 | 89.98 | 1,977.84 | -3,194.23 | 2,971.34 | 2,829.06 | 142.28 | 20.884 | | |
| 8,400.00 | 6,840.00 | 8,553.01 | 6,840.00 | 74.73 | 80.32 | 89.98 | 1,978.28 | -3,294.23 | 2,971.30 | 2,824.30 | 147.00 | 20.213 | | |
| 8,500.00 | 6,840.00 | 8,653.01 | 6,840.00 | 77.04 | 82.50 | 89.98 | 1,978.72 | -3,394.23 | 2,971.26 | 2,819.49 | 151.76 | 19.578 | | |
| 8,600.00 | 6,840.00 | 8,753.01 | 6,840.00 | 79.38 | 84.72 | 89.98 | 1,979.16 | -3,494.23 | 2,971.22 | 2,814.64 | 156.58 | 18.976 | | |
| 8,700.00 | 6,840.00 | 8,853.01 | 6,840.00 | 81.74 | 86.96 | 89.98 | 1,979.59 | -3,594.23 | 2,971.18 | 2,809.75 | 161.43 | 18.406 | | |
| 8,800.00 | 6,840.00 | 8,953.01 | 6,840.00 | 84.12 | 89.22 | 89.98 | 1,980.03 | -3,694.23 | 2,971.14 | 2,804.83 | 166.31 | 17.865 | | |
| 8,900.00 | 6,840.00 | 9,053.01 | 6,840.00 | 86.52 | 91.52 | 89.98 | 1,980.47 | -3,794.22 | 2,971.10 | 2,799.87 | 171.23 | 17.351 | | |
| 9,000.00 | 6,840.00 | 9,153.01 | 6,840.00 | 88.94 | 93.84 | 89.98 | 1,980.91 | -3,894.22 | 2,971.06 | 2,794.87 | 176.19 | 16.863 | | |
| 9,100.00 | 6,840.00 | 9,253.01 | 6,840.00 | 91.38 | 96.17 | 89.98 | 1,981.34 | -3,994.22 | 2,971.02 | 2,789.86 | 181.16 | 16.400 | | |
| 9,200.00 | 6,840.00 | 9,353.01 | 6,840.00 | 93.83 | 98.53 | 89.98 | 1,981.78 | -4,094.22 | 2,970.98 | 2,784.81 | 186.17 | 15.958 | | |
| 9,300.00 | 6,840.00 | 9,453.01 | 6,840.00 | 96.30 | 100.91 | 89.98 | 1,982.22 | -4,194.22 | 2,970.94 | 2,779.74 | 191.20 | 15.539 | | |
| 9,400.00 | 6,840.00 | 9,553.01 | 6,840.00 | 98.79 | 103.30 | 89.98 | 1,982.66 | -4,294.22 | 2,970.90 | 2,774.65 | 196.25 | 15.138 | | |
| 9,500.00 | 6,840.00 | 9,653.01 | 6,840.00 | 101.28 | 105.72 | 89.98 | 1,983.09 | -4,394.22 | 2,970.86 | 2,769.54 | 201.32 | 14.757 | | |
| 9,600.00 | 6,840.00 | 9,753.01 | 6,840.00 | 103.79 | 108.14 | 89.98 | 1,983.53 | -4,494.22 | 2,970.82 | 2,764.41 | 206.41 | 14.393 | | |
| 9,700.00 | 6,840.00 | 9,853.01 | 6,840.00 | 106.30 | 110.58 | 89.98 | 1,983.97 | -4,594.22 | 2,970.78 | 2,759.26 | 211.52 | 14.045 | | |
| 9,800.00 | 6,840.00 | 9,953.01 | 6,840.00 | 108.83 | 113.04 | 89.98 | 1,984.41 | -4,694.22 | 2,970.74 | 2,754.10 | 216.64 | 13.713 | | |
| 9,900.00 | 6,840.00 | 10,053.01 | 6,840.00 | 111.37 | 115.50 | 89.98 | 1,984.84 | -4,794.22 | 2,970.70 | 2,748.92 | 221.78 | 13.395 | | |
| 10,000.00 | 6,840.00 | 10,153.01 | 6,840.00 | 113.91 | 117.98 | 89.98 | 1,985.28 | -4,894.21 | 2,970.66 | 2,743.73 | 226.93 | 13.091 | | |
| 10,100.00 | 6,840.00 | 10,253.01 | 6,840.00 | 116.47 | 120.47 | 89.98 | 1,985.72 | -4,994.21 | 2,970.62 | 2,738.53 | 232.10 | 12.799 | | |
| 10,200.00 | 6,840.00 | 10,353.01 | 6,840.00 | 119.03 | 122.97 | 89.98 | 1,986.16 | -5,094.21 | 2,970.58 | 2,733.31 | 237.27 | 12.520 | | |
| 10,300.00 | 6,840.00 | 10,453.01 | 6,840.00 | 121.59 | 125.47 | 89.98 | 1,986.59 | -5,194.21 | 2,970.54 | 2,728.08 | 242.46 | 12.252 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-04 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 10,553.01 | 6,840.00 | 124.17 | 127.99 | 89.98 | 1,987.03 | -5,294.21 | 2,970.50 | 2,722.84 | 247.66 | 11.994 | | |
| 10,500.00 | 6,840.00 | 10,653.01 | 6,840.00 | 126.75 | 130.52 | 89.98 | 1,987.47 | -5,394.21 | 2,970.46 | 2,717.59 | 252.87 | 11.747 | | |
| 10,600.00 | 6,840.00 | 10,753.01 | 6,840.00 | 129.34 | 133.05 | 89.98 | 1,987.91 | -5,494.21 | 2,970.42 | 2,712.33 | 258.09 | 11.509 | | |
| 10,700.00 | 6,840.00 | 10,853.01 | 6,840.00 | 131.93 | 135.59 | 89.98 | 1,988.34 | -5,594.21 | 2,970.38 | 2,707.06 | 263.32 | 11.280 | | |
| 10,800.00 | 6,840.00 | 10,953.01 | 6,840.00 | 134.53 | 138.14 | 89.98 | 1,988.78 | -5,694.21 | 2,970.34 | 2,701.78 | 268.56 | 11.060 | | |
| 10,900.00 | 6,840.00 | 11,053.01 | 6,840.00 | 137.13 | 140.69 | 89.98 | 1,989.22 | -5,794.21 | 2,970.30 | 2,696.50 | 273.80 | 10.848 | | |
| 11,000.00 | 6,840.00 | 11,153.01 | 6,840.00 | 139.73 | 143.25 | 89.98 | 1,989.66 | -5,894.20 | 2,970.26 | 2,691.21 | 279.05 | 10.644 | | |
| 11,100.00 | 6,840.00 | 11,253.01 | 6,840.00 | 142.35 | 145.82 | 89.98 | 1,990.09 | -5,994.20 | 2,970.22 | 2,685.91 | 284.31 | 10.447 | | |
| 11,200.00 | 6,840.00 | 11,353.01 | 6,840.00 | 144.96 | 148.39 | 89.98 | 1,990.53 | -6,094.20 | 2,970.18 | 2,680.60 | 289.58 | 10.257 | | |
| 11,300.00 | 6,840.00 | 11,453.01 | 6,840.00 | 147.58 | 150.97 | 89.98 | 1,990.97 | -6,194.20 | 2,970.14 | 2,675.29 | 294.85 | 10.073 | | |
| 11,400.00 | 6,840.00 | 11,553.01 | 6,840.00 | 150.20 | 153.55 | 89.98 | 1,991.41 | -6,294.20 | 2,970.10 | 2,669.97 | 300.13 | 9.896 | | |
| 11,500.00 | 6,840.00 | 11,653.01 | 6,840.00 | 152.83 | 156.14 | 89.98 | 1,991.84 | -6,394.20 | 2,970.06 | 2,664.65 | 305.41 | 9.725 | | |
| 11,600.00 | 6,840.00 | 11,753.01 | 6,840.00 | 155.46 | 158.74 | 89.98 | 1,992.28 | -6,494.20 | 2,970.02 | 2,659.32 | 310.70 | 9.559 | | |
| 11,700.00 | 6,840.00 | 11,853.01 | 6,840.00 | 158.09 | 161.33 | 89.98 | 1,992.72 | -6,594.20 | 2,969.98 | 2,653.99 | 316.00 | 9.399 | | |
| 11,800.00 | 6,840.00 | 11,953.01 | 6,840.00 | 160.73 | 163.93 | 89.98 | 1,993.16 | -6,694.20 | 2,969.94 | 2,648.65 | 321.30 | 9.244 | | |
| 11,900.00 | 6,840.00 | 12,053.01 | 6,840.00 | 163.36 | 166.54 | 89.98 | 1,993.59 | -6,794.20 | 2,969.90 | 2,643.30 | 326.60 | 9.093 | | |
| 12,000.00 | 6,840.00 | 12,153.01 | 6,840.00 | 166.01 | 169.15 | 89.98 | 1,994.03 | -6,894.19 | 2,969.86 | 2,637.95 | 331.91 | 8.948 | | |
| 12,100.00 | 6,840.00 | 12,253.01 | 6,840.00 | 168.65 | 171.76 | 89.98 | 1,994.47 | -6,994.19 | 2,969.82 | 2,632.60 | 337.22 | 8.807 | | |
| 12,200.00 | 6,840.00 | 12,353.01 | 6,840.00 | 171.30 | 174.37 | 89.98 | 1,994.91 | -7,094.19 | 2,969.78 | 2,627.25 | 342.54 | 8.670 | | |
| 12,300.00 | 6,840.00 | 12,453.01 | 6,840.00 | 173.94 | 176.99 | 89.98 | 1,995.34 | -7,194.19 | 2,969.74 | 2,621.89 | 347.86 | 8.537 | | |
| 12,400.00 | 6,840.00 | 12,553.01 | 6,840.00 | 176.59 | 179.62 | 89.98 | 1,995.78 | -7,294.19 | 2,969.70 | 2,616.52 | 353.18 | 8.408 | | |
| 12,500.00 | 6,840.00 | 12,653.01 | 6,840.00 | 179.25 | 182.24 | 89.98 | 1,996.22 | -7,394.19 | 2,969.66 | 2,611.16 | 358.51 | 8.283 | | |
| 12,600.00 | 6,840.00 | 12,753.01 | 6,840.00 | 181.90 | 184.87 | 89.98 | 1,996.66 | -7,494.19 | 2,969.62 | 2,605.78 | 363.84 | 8.162 | | |
| 12,700.00 | 6,840.00 | 12,853.01 | 6,840.00 | 184.56 | 187.50 | 89.98 | 1,997.09 | -7,594.19 | 2,969.58 | 2,600.41 | 369.17 | 8.044 | | |
| 12,800.00 | 6,840.00 | 12,953.01 | 6,840.00 | 187.22 | 190.13 | 89.98 | 1,997.53 | -7,694.19 | 2,969.54 | 2,595.03 | 374.51 | 7.929 | | |
| 12,900.00 | 6,840.00 | 13,053.01 | 6,840.00 | 189.88 | 192.77 | 89.98 | 1,997.97 | -7,794.19 | 2,969.50 | 2,589.65 | 379.85 | 7.818 | | |
| 13,000.00 | 6,840.00 | 13,153.01 | 6,840.00 | 192.54 | 195.41 | 89.98 | 1,998.40 | -7,894.19 | 2,969.46 | 2,584.27 | 385.19 | 7.709 | | |
| 13,100.00 | 6,840.00 | 13,253.01 | 6,840.00 | 195.20 | 198.05 | 89.98 | 1,998.84 | -7,994.18 | 2,969.42 | 2,578.89 | 390.54 | 7.603 | | |
| 13,200.00 | 6,840.00 | 13,353.01 | 6,840.00 | 197.87 | 200.69 | 89.98 | 1,999.28 | -8,094.18 | 2,969.38 | 2,573.50 | 395.89 | 7.501 | | |
| 13,300.00 | 6,840.00 | 13,453.01 | 6,840.00 | 200.53 | 203.33 | 89.98 | 1,999.72 | -8,194.18 | 2,969.34 | 2,568.11 | 401.24 | 7.400 | | |
| 13,400.00 | 6,840.00 | 13,553.01 | 6,840.00 | 203.20 | 205.98 | 89.98 | 2,000.15 | -8,294.18 | 2,969.31 | 2,562.72 | 406.59 | 7.303 | | |
| 13,500.00 | 6,840.00 | 13,653.01 | 6,840.00 | 205.87 | 208.63 | 89.98 | 2,000.59 | -8,394.18 | 2,969.27 | 2,557.32 | 411.94 | 7.208 | | |
| 13,600.00 | 6,840.00 | 13,753.01 | 6,840.00 | 208.54 | 211.28 | 89.98 | 2,001.03 | -8,494.18 | 2,969.23 | 2,551.92 | 417.30 | 7.115 | | |
| 13,700.00 | 6,840.00 | 13,853.01 | 6,840.00 | 211.22 | 213.93 | 89.98 | 2,001.47 | -8,594.18 | 2,969.19 | 2,546.53 | 422.66 | 7.025 | | |
| 13,800.00 | 6,840.00 | 13,953.01 | 6,840.00 | 213.89 | 216.58 | 89.98 | 2,001.90 | -8,694.18 | 2,969.15 | 2,541.12 | 428.02 | 6.937 | | |
| 13,900.00 | 6,840.00 | 14,053.01 | 6,840.00 | 216.56 | 219.24 | 89.98 | 2,002.34 | -8,794.18 | 2,969.11 | 2,535.72 | 433.38 | 6.851 | | |
| 14,000.00 | 6,840.00 | 14,153.01 | 6,840.00 | 219.24 | 221.90 | 89.98 | 2,002.78 | -8,894.18 | 2,969.07 | 2,530.32 | 438.75 | 6.767 | | |
| 14,100.00 | 6,840.00 | 14,253.01 | 6,840.00 | 221.92 | 224.56 | 89.98 | 2,003.22 | -8,994.17 | 2,969.03 | 2,524.91 | 444.12 | 6.685 | | |
| 14,200.00 | 6,840.00 | 14,353.01 | 6,840.00 | 224.59 | 227.22 | 89.98 | 2,003.65 | -9,094.17 | 2,968.99 | 2,519.50 | 449.48 | 6.605 | | |
| 14,300.00 | 6,840.00 | 14,453.01 | 6,840.00 | 227.27 | 229.88 | 89.98 | 2,004.09 | -9,194.17 | 2,968.95 | 2,514.09 | 454.86 | 6.527 | | |
| 14,400.00 | 6,840.00 | 14,553.01 | 6,840.00 | 229.95 | 232.54 | 89.98 | 2,004.53 | -9,294.17 | 2,968.91 | 2,508.68 | 460.23 | 6.451 | | |
| 14,500.00 | 6,840.00 | 14,653.01 | 6,840.00 | 232.63 | 235.21 | 89.98 | 2,004.97 | -9,394.17 | 2,968.87 | 2,503.27 | 465.60 | 6.376 | | |
| 14,600.00 | 6,840.00 | 14,753.01 | 6,840.00 | 235.31 | 237.87 | 89.98 | 2,005.40 | -9,494.17 | 2,968.83 | 2,497.85 | 470.98 | 6.304 | | |
| 14,700.00 | 6,840.00 | 14,853.01 | 6,840.00 | 238.00 | 240.54 | 89.98 | 2,005.84 | -9,594.17 | 2,968.79 | 2,492.43 | 476.35 | 6.232 | | |
| 14,800.00 | 6,840.00 | 14,953.01 | 6,840.00 | 240.68 | 243.21 | 89.98 | 2,006.28 | -9,694.17 | 2,968.75 | 2,487.02 | 481.73 | 6.163 | | |
| 14,900.00 | 6,840.00 | 15,053.01 | 6,840.00 | 243.36 | 245.88 | 89.98 | 2,006.72 | -9,794.17 | 2,968.71 | 2,481.60 | 487.11 | 6.095 | | |
| 15,000.00 | 6,840.00 | 15,153.01 | 6,840.00 | 246.05 | 248.55 | 89.98 | 2,007.15 | -9,894.17 | 2,968.67 | 2,476.18 | 492.49 | 6.028 | | |
| 15,100.00 | 6,840.00 | 15,253.01 | 6,840.00 | 248.74 | 251.22 | 89.98 | 2,007.59 | -9,994.17 | 2,968.63 | 2,470.75 | 497.87 | 5.963 | | |
| 15,200.00 | 6,840.00 | 15,353.01 | 6,840.00 | 251.42 | 253.89 | 89.98 | 2,008.03 | -10,094.16 | 2,968.59 | 2,465.33 | 503.26 | 5.899 | | |
| 15,300.00 | 6,840.00 | 15,453.01 | 6,840.00 | 254.11 | 256.56 | 89.98 | 2,008.47 | -10,194.16 | 2,968.55 | 2,459.91 | 508.64 | 5.836 | | |
| 15,400.00 | 6,840.00 | 15,553.01 | 6,840.00 | 256.80 | 259.24 | 89.98 | 2,008.90 | -10,294.16 | 2,968.51 | 2,454.48 | 514.03 | 5.775 | | |
| 15,500.00 | 6,840.00 | 15,653.01 | 6,840.00 | 259.49 | 261.91 | 89.98 | 2,009.34 | -10,394.16 | 2,968.47 | 2,449.06 | 519.41 | 5.715 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-04 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,600.00 | 6,840.00 | 15,753.01 | 6,840.00 | 262.17 | 264.59 | 89.98 | 2,009.78 | -10,494.16 | 2,968.43 | 2,443.63 | 524.80 | 5.656 | | |
| 15,700.00 | 6,840.00 | 15,853.01 | 6,840.00 | 264.86 | 267.27 | 89.98 | 2,010.22 | -10,594.16 | 2,968.39 | 2,438.20 | 530.19 | 5.599 | | |
| 15,800.00 | 6,840.00 | 15,953.01 | 6,840.00 | 267.55 | 269.95 | 89.98 | 2,010.65 | -10,694.16 | 2,968.35 | 2,432.77 | 535.58 | 5.542 | | |
| 15,900.00 | 6,840.00 | 16,053.01 | 6,840.00 | 270.25 | 272.63 | 89.98 | 2,011.09 | -10,794.16 | 2,968.31 | 2,427.34 | 540.97 | 5.487 | | |
| 16,000.00 | 6,840.00 | 16,153.01 | 6,840.00 | 272.94 | 275.31 | 89.98 | 2,011.53 | -10,894.16 | 2,968.27 | 2,421.91 | 546.36 | 5.433 | | |
| 16,100.00 | 6,840.00 | 16,253.01 | 6,840.00 | 275.63 | 277.99 | 89.98 | 2,011.97 | -10,994.16 | 2,968.23 | 2,416.47 | 551.75 | 5.380 | | |
| 16,200.00 | 6,840.00 | 16,353.01 | 6,840.00 | 278.32 | 280.67 | 89.98 | 2,012.40 | -11,094.15 | 2,968.19 | 2,411.04 | 557.15 | 5.327 | | |
| 16,300.00 | 6,840.00 | 16,453.01 | 6,840.00 | 281.02 | 283.35 | 89.98 | 2,012.84 | -11,194.15 | 2,968.15 | 2,405.61 | 562.54 | 5.276 | | |
| 16,400.00 | 6,840.00 | 16,553.01 | 6,840.00 | 283.71 | 286.03 | 89.98 | 2,013.28 | -11,294.15 | 2,968.11 | 2,400.17 | 567.94 | 5.226 | | |
| 16,500.00 | 6,840.00 | 16,653.01 | 6,840.00 | 286.40 | 288.72 | 89.98 | 2,013.72 | -11,394.15 | 2,968.07 | 2,394.74 | 573.33 | 5.177 | | |
| 16,600.00 | 6,840.00 | 16,753.01 | 6,840.00 | 289.10 | 291.40 | 89.98 | 2,014.15 | -11,494.15 | 2,968.03 | 2,389.30 | 578.73 | 5.129 | | |
| 16,700.00 | 6,840.00 | 16,853.01 | 6,840.00 | 291.79 | 294.09 | 89.98 | 2,014.59 | -11,594.15 | 2,967.99 | 2,383.86 | 584.13 | 5.081 | | |
| 16,800.00 | 6,840.00 | 16,953.01 | 6,840.00 | 294.49 | 296.77 | 89.98 | 2,015.03 | -11,694.15 | 2,967.95 | 2,378.42 | 589.53 | 5.034 | | |
| 16,900.00 | 6,840.00 | 17,053.01 | 6,840.00 | 297.19 | 299.46 | 89.98 | 2,015.47 | -11,794.15 | 2,967.91 | 2,372.98 | 594.93 | 4.989 | | |
| 17,000.00 | 6,840.00 | 17,153.01 | 6,840.00 | 299.88 | 302.14 | 89.98 | 2,015.90 | -11,894.15 | 2,967.87 | 2,367.54 | 600.33 | 4.944 | | |
| 17,100.00 | 6,840.00 | 17,253.01 | 6,840.00 | 302.58 | 304.83 | 89.98 | 2,016.34 | -11,994.15 | 2,967.83 | 2,362.10 | 605.73 | 4.900 | | |
| 17,200.00 | 6,840.00 | 17,353.01 | 6,840.00 | 305.28 | 307.52 | 89.98 | 2,016.78 | -12,094.14 | 2,967.79 | 2,356.66 | 611.13 | 4.856 | | |
| 17,300.00 | 6,840.00 | 17,453.01 | 6,840.00 | 307.97 | 310.21 | 89.98 | 2,017.22 | -12,194.14 | 2,967.75 | 2,351.22 | 616.53 | 4.814 | | |
| 17,400.00 | 6,840.00 | 17,553.01 | 6,840.00 | 310.67 | 312.90 | 89.98 | 2,017.65 | -12,294.14 | 2,967.71 | 2,345.78 | 621.93 | 4.772 | | |
| 17,500.00 | 6,840.00 | 17,653.01 | 6,840.00 | 313.37 | 315.59 | 89.98 | 2,018.09 | -12,394.14 | 2,967.67 | 2,340.33 | 627.34 | 4.731 | | |
| 17,600.00 | 6,840.00 | 17,753.01 | 6,840.00 | 316.07 | 318.28 | 89.98 | 2,018.53 | -12,494.14 | 2,967.63 | 2,334.89 | 632.74 | 4.690 | | |
| 17,700.00 | 6,840.00 | 17,853.01 | 6,840.00 | 318.77 | 320.97 | 89.98 | 2,018.97 | -12,594.14 | 2,967.59 | 2,329.44 | 638.15 | 4.650 | | |
| 17,800.00 | 6,840.00 | 17,953.01 | 6,840.00 | 321.47 | 323.66 | 89.98 | 2,019.40 | -12,694.14 | 2,967.55 | 2,324.00 | 643.55 | 4.611 | | |
| 17,900.00 | 6,840.00 | 18,053.01 | 6,840.00 | 324.17 | 326.35 | 89.98 | 2,019.84 | -12,794.14 | 2,967.51 | 2,318.55 | 648.96 | 4.573 | | |
| 18,000.00 | 6,840.00 | 18,153.01 | 6,840.00 | 326.87 | 329.04 | 89.98 | 2,020.28 | -12,894.14 | 2,967.47 | 2,313.11 | 654.36 | 4.535 | | |
| 18,100.00 | 6,840.00 | 18,253.01 | 6,840.00 | 329.57 | 331.74 | 89.98 | 2,020.72 | -12,994.14 | 2,967.43 | 2,307.66 | 659.77 | 4.498 | | |
| 18,200.00 | 6,840.00 | 18,353.01 | 6,840.00 | 332.27 | 334.43 | 89.98 | 2,021.15 | -13,094.14 | 2,967.39 | 2,302.21 | 665.18 | 4.461 | | |
| 18,300.00 | 6,840.00 | 18,453.01 | 6,840.00 | 334.97 | 337.12 | 89.98 | 2,021.59 | -13,194.13 | 2,967.35 | 2,296.77 | 670.59 | 4.425 | | |
| 18,400.00 | 6,840.00 | 18,553.01 | 6,840.00 | 337.67 | 339.82 | 89.98 | 2,022.03 | -13,294.13 | 2,967.31 | 2,291.32 | 675.99 | 4.390 | | |
| 18,500.00 | 6,840.00 | 18,653.01 | 6,840.00 | 340.38 | 342.51 | 89.98 | 2,022.47 | -13,394.13 | 2,967.27 | 2,285.87 | 681.40 | 4.355 | | |
| 18,600.00 | 6,840.00 | 18,753.01 | 6,840.00 | 343.08 | 345.21 | 89.98 | 2,022.90 | -13,494.13 | 2,967.23 | 2,280.42 | 686.81 | 4.320 | | |
| 18,700.00 | 6,840.00 | 18,853.01 | 6,840.00 | 345.78 | 347.90 | 89.98 | 2,023.34 | -13,594.13 | 2,967.19 | 2,274.97 | 692.22 | 4.286 | | |
| 18,800.00 | 6,840.00 | 18,953.01 | 6,840.00 | 348.48 | 350.60 | 89.98 | 2,023.78 | -13,694.13 | 2,967.15 | 2,269.52 | 697.63 | 4.253 | | |
| 18,900.00 | 6,840.00 | 19,053.01 | 6,840.00 | 351.19 | 353.29 | 89.98 | 2,024.22 | -13,794.13 | 2,967.11 | 2,264.07 | 703.04 | 4.220 | | |
| 19,000.00 | 6,840.00 | 19,153.01 | 6,840.00 | 353.89 | 355.99 | 89.98 | 2,024.65 | -13,894.13 | 2,967.07 | 2,258.62 | 708.46 | 4.188 | | |
| 19,100.00 | 6,840.00 | 19,253.01 | 6,840.00 | 356.59 | 358.69 | 89.98 | 2,025.09 | -13,994.13 | 2,967.03 | 2,253.17 | 713.87 | 4.156 | | |
| 19,200.00 | 6,840.00 | 19,353.01 | 6,840.00 | 359.30 | 361.38 | 89.98 | 2,025.53 | -14,094.13 | 2,966.99 | 2,247.71 | 719.28 | 4.125 | | |
| 19,300.00 | 6,840.00 | 19,453.01 | 6,840.00 | 362.00 | 364.08 | 89.98 | 2,025.97 | -14,194.12 | 2,966.95 | 2,242.26 | 724.69 | 4.094 | | |
| 19,400.00 | 6,840.00 | 19,553.01 | 6,840.00 | 364.71 | 366.78 | 89.98 | 2,026.40 | -14,294.12 | 2,966.91 | 2,236.81 | 730.10 | 4.064 | | |
| 19,500.00 | 6,840.00 | 19,653.01 | 6,840.00 | 367.41 | 369.48 | 89.98 | 2,026.84 | -14,394.12 | 2,966.87 | 2,231.35 | 735.52 | 4.034 | | |
| 19,600.00 | 6,840.00 | 19,753.01 | 6,840.00 | 370.11 | 372.17 | 89.98 | 2,027.28 | -14,494.12 | 2,966.83 | 2,225.90 | 740.93 | 4.004 | | |
| 19,700.00 | 6,840.00 | 19,853.01 | 6,840.00 | 372.82 | 374.87 | 89.98 | 2,027.72 | -14,594.12 | 2,966.79 | 2,220.45 | 746.35 | 3.975 | | |
| 19,800.00 | 6,840.00 | 19,953.01 | 6,840.00 | 375.53 | 377.57 | 89.98 | 2,028.15 | -14,694.12 | 2,966.75 | 2,214.99 | 751.76 | 3.946 | | |
| 19,900.00 | 6,840.00 | 20,053.01 | 6,840.00 | 378.23 | 380.27 | 89.98 | 2,028.59 | -14,794.12 | 2,966.71 | 2,209.54 | 757.17 | 3.918 | | |
| 20,000.00 | 6,840.00 | 20,153.01 | 6,840.00 | 380.94 | 382.97 | 89.98 | 2,029.03 | -14,894.12 | 2,966.67 | 2,204.08 | 762.59 | 3.890 | | |
| 20,100.00 | 6,840.00 | 20,253.01 | 6,840.00 | 383.64 | 385.67 | 89.98 | 2,029.47 | -14,994.12 | 2,966.63 | 2,198.63 | 768.01 | 3.863 | | |
| 20,200.00 | 6,840.00 | 20,353.01 | 6,840.00 | 386.35 | 388.37 | 89.98 | 2,029.90 | -15,094.12 | 2,966.59 | 2,193.17 | 773.42 | 3.836 | | |
| 20,300.00 | 6,840.00 | 20,453.01 | 6,840.00 | 389.05 | 391.07 | 89.98 | 2,030.34 | -15,194.12 | 2,966.55 | 2,187.72 | 778.84 | 3.809 | | |
| 20,400.00 | 6,840.00 | 20,553.01 | 6,840.00 | 391.76 | 393.77 | 89.98 | 2,030.78 | -15,294.11 | 2,966.51 | 2,182.26 | 784.25 | 3.783 | | |
| 20,442.82 | 6,840.00 | 20,595.83 | 6,840.00 | 392.92 | 394.93 | 89.98 | 2,030.97 | -15,336.93 | 2,966.50 | 2,179.92 | 786.57 | 3.771 SF | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-05 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 1.00 | 1.00 | 0.00 | 0.00 | 0.09 | 179.97 | 0.28 | 179.97 | | | | | |
| 100.00 | 100.00 | 101.00 | 101.00 | 0.13 | 0.14 | 0.09 | 179.97 | 0.28 | 179.97 | 179.69 | 0.27 | 660.576 | | |
| 200.00 | 200.00 | 201.00 | 201.00 | 0.49 | 0.50 | 0.09 | 179.97 | 0.28 | 179.97 | 178.98 | 0.99 | 181.898 | | |
| 300.00 | 300.00 | 301.00 | 301.00 | 0.85 | 0.85 | 0.09 | 179.97 | 0.28 | 179.97 | 178.26 | 1.71 | 105.470 | | |
| 400.00 | 400.00 | 401.00 | 401.00 | 1.21 | 1.21 | 0.09 | 179.97 | 0.28 | 179.97 | 177.54 | 2.42 | 74.266 | | |
| 500.00 | 500.00 | 501.00 | 501.00 | 1.57 | 1.57 | 0.09 | 179.97 | 0.28 | 179.97 | 176.83 | 3.14 | 57.310 CC, ES | | |
| 600.00 | 599.98 | 597.43 | 597.41 | 1.92 | 1.91 | 115.90 | 180.93 | -1.07 | 181.72 | 177.89 | 3.83 | 47.438 | | |
| 700.00 | 699.84 | 693.73 | 693.58 | 2.26 | 2.26 | 115.98 | 183.76 | -5.06 | 186.94 | 182.42 | 4.52 | 41.372 | | |
| 800.00 | 799.45 | 789.68 | 789.18 | 2.62 | 2.61 | 116.09 | 188.44 | -11.65 | 195.61 | 190.39 | 5.22 | 37.462 | | |
| 900.00 | 898.70 | 885.12 | 883.96 | 2.99 | 2.97 | 116.22 | 194.94 | -20.79 | 207.71 | 201.77 | 5.94 | 34.942 | | |
| 1,000.00 | 997.47 | 979.89 | 977.65 | 3.39 | 3.34 | 116.35 | 203.19 | -32.41 | 223.21 | 216.51 | 6.69 | 33.350 | | |
| 1,100.00 | 1,095.62 | 1,073.83 | 1,070.00 | 3.81 | 3.73 | 116.46 | 213.14 | -46.42 | 242.06 | 234.58 | 7.47 | 32.389 | | |
| 1,200.00 | 1,193.06 | 1,166.81 | 1,160.81 | 4.27 | 4.15 | 116.53 | 224.71 | -62.70 | 264.21 | 255.92 | 8.29 | 31.858 | | |
| 1,300.00 | 1,289.64 | 1,258.69 | 1,249.86 | 4.77 | 4.59 | 116.56 | 237.81 | -81.14 | 289.61 | 280.45 | 9.16 | 31.632 | | |
| 1,400.00 | 1,385.27 | 1,349.35 | 1,336.96 | 5.31 | 5.06 | 116.54 | 252.35 | -101.61 | 318.18 | 308.11 | 10.07 | 31.599 | | |
| 1,500.00 | 1,479.82 | 1,438.67 | 1,421.96 | 5.91 | 5.56 | 116.46 | 268.23 | -123.97 | 349.85 | 338.82 | 11.04 | 31.700 | | |
| 1,600.00 | 1,573.19 | 1,526.57 | 1,504.74 | 6.55 | 6.09 | 116.44 | 285.35 | -148.07 | 384.52 | 372.46 | 12.06 | 31.881 | | |
| 1,700.00 | 1,666.16 | 1,613.34 | 1,585.53 | 7.23 | 6.65 | 116.67 | 303.69 | -173.88 | 421.15 | 408.02 | 13.12 | 32.092 | | |
| 1,800.00 | 1,759.13 | 1,700.05 | 1,665.18 | 7.93 | 7.26 | 116.57 | 323.38 | -201.60 | 459.19 | 444.97 | 14.23 | 32.273 | | |
| 1,900.00 | 1,852.10 | 1,792.19 | 1,749.59 | 8.64 | 7.94 | 116.36 | 344.91 | -231.90 | 497.79 | 482.35 | 15.44 | 32.244 | | |
| 2,000.00 | 1,945.06 | 1,884.43 | 1,834.01 | 9.35 | 8.63 | 116.19 | 366.44 | -262.21 | 536.39 | 519.72 | 16.67 | 32.176 | | |
| 2,100.00 | 2,038.03 | 1,976.66 | 1,918.42 | 10.08 | 9.33 | 116.03 | 387.97 | -292.52 | 574.99 | 557.07 | 17.92 | 32.087 | | |
| 2,200.00 | 2,131.00 | 2,068.90 | 2,002.84 | 10.81 | 10.05 | 115.90 | 409.50 | -322.82 | 613.60 | 594.41 | 19.18 | 31.985 | | |
| 2,300.00 | 2,223.97 | 2,161.14 | 2,087.25 | 11.54 | 10.77 | 115.78 | 431.03 | -353.13 | 652.21 | 631.75 | 20.46 | 31.879 | | |
| 2,400.00 | 2,316.94 | 2,253.38 | 2,171.67 | 12.28 | 11.49 | 115.68 | 452.56 | -383.43 | 690.82 | 669.07 | 21.74 | 31.771 | | |
| 2,500.00 | 2,409.90 | 2,345.62 | 2,256.08 | 13.02 | 12.23 | 115.58 | 474.09 | -413.74 | 729.43 | 706.39 | 23.04 | 31.665 | | |
| 2,600.00 | 2,502.87 | 2,437.86 | 2,340.50 | 13.77 | 12.96 | 115.50 | 495.62 | -444.05 | 768.05 | 743.71 | 24.34 | 31.561 | | |
| 2,700.00 | 2,595.84 | 2,530.09 | 2,424.91 | 14.51 | 13.70 | 115.42 | 517.15 | -474.35 | 806.66 | 781.02 | 25.64 | 31.461 | | |
| 2,800.00 | 2,688.81 | 2,622.33 | 2,509.33 | 15.26 | 14.44 | 115.35 | 538.68 | -504.66 | 845.28 | 818.33 | 26.95 | 31.365 | | |
| 2,900.00 | 2,781.77 | 2,714.57 | 2,593.75 | 16.01 | 15.19 | 115.29 | 560.20 | -534.96 | 883.89 | 855.63 | 28.26 | 31.274 | | |
| 3,000.00 | 2,874.74 | 2,806.81 | 2,678.16 | 16.76 | 15.94 | 115.23 | 581.73 | -565.27 | 922.51 | 892.93 | 29.58 | 31.187 | | |
| 3,100.00 | 2,967.71 | 2,900.95 | 2,762.58 | 17.52 | 16.70 | 115.18 | 603.26 | -595.58 | 961.13 | 930.22 | 30.91 | 31.090 | | |
| 3,200.00 | 3,060.68 | 3,008.71 | 2,846.99 | 18.27 | 17.58 | 115.13 | 624.79 | -625.88 | 999.75 | 967.40 | 32.35 | 30.903 | | |
| 3,300.00 | 3,153.65 | 3,083.52 | 2,931.41 | 19.03 | 18.19 | 115.08 | 646.32 | -656.19 | 1,038.37 | 1,004.82 | 33.55 | 30.951 | | |
| 3,400.00 | 3,246.61 | 3,175.76 | 3,015.82 | 19.78 | 18.94 | 115.04 | 667.85 | -686.49 | 1,076.99 | 1,042.12 | 34.88 | 30.880 | | |
| 3,500.00 | 3,339.58 | 3,268.00 | 3,100.24 | 20.54 | 19.69 | 115.00 | 689.38 | -716.80 | 1,115.61 | 1,079.41 | 36.21 | 30.812 | | |
| 3,600.00 | 3,432.55 | 3,360.24 | 3,184.65 | 21.30 | 20.45 | 114.97 | 710.91 | -747.11 | 1,154.24 | 1,116.70 | 37.54 | 30.748 | | |
| 3,700.00 | 3,525.52 | 3,452.48 | 3,269.07 | 22.06 | 21.20 | 114.93 | 732.44 | -777.41 | 1,192.86 | 1,153.99 | 38.87 | 30.688 | | |
| 3,800.00 | 3,618.49 | 3,544.72 | 3,353.48 | 22.82 | 21.96 | 114.90 | 753.97 | -807.72 | 1,231.48 | 1,191.27 | 40.21 | 30.630 | | |
| 3,900.00 | 3,711.45 | 3,636.95 | 3,437.90 | 23.57 | 22.72 | 114.87 | 775.50 | -838.02 | 1,270.10 | 1,228.56 | 41.54 | 30.575 | | |
| 4,000.00 | 3,804.42 | 3,729.19 | 3,522.31 | 24.33 | 23.48 | 114.84 | 797.03 | -868.33 | 1,308.73 | 1,265.85 | 42.88 | 30.522 | | |
| 4,100.00 | 3,897.39 | 3,821.43 | 3,606.73 | 25.09 | 24.24 | 114.81 | 818.56 | -898.64 | 1,347.35 | 1,303.13 | 44.22 | 30.472 | | |
| 4,200.00 | 3,990.36 | 3,913.67 | 3,691.14 | 25.86 | 24.99 | 114.79 | 840.09 | -928.94 | 1,385.97 | 1,340.42 | 45.55 | 30.425 | | |
| 4,300.00 | 4,083.32 | 4,005.91 | 3,775.56 | 26.62 | 25.75 | 114.77 | 861.62 | -959.25 | 1,424.60 | 1,377.70 | 46.89 | 30.379 | | |
| 4,400.00 | 4,176.29 | 4,101.85 | 3,859.98 | 27.38 | 26.55 | 114.74 | 883.15 | -989.55 | 1,463.22 | 1,414.96 | 48.26 | 30.318 | | |
| 4,500.00 | 4,269.26 | 4,209.62 | 3,944.39 | 28.14 | 27.43 | 114.72 | 904.68 | -1,019.86 | 1,501.84 | 1,452.13 | 49.72 | 30.207 | | |
| 4,600.00 | 4,362.23 | 4,282.62 | 4,028.81 | 28.90 | 28.04 | 114.70 | 926.21 | -1,050.17 | 1,540.47 | 1,489.55 | 50.92 | 30.254 | | |
| 4,700.00 | 4,455.20 | 4,374.86 | 4,113.22 | 29.66 | 28.80 | 114.68 | 947.74 | -1,080.47 | 1,579.09 | 1,526.83 | 52.26 | 30.216 | | |
| 4,800.00 | 4,548.16 | 4,467.10 | 4,197.64 | 30.43 | 29.56 | 114.66 | 969.26 | -1,110.78 | 1,617.72 | 1,564.11 | 53.60 | 30.179 | | |
| 4,900.00 | 4,641.13 | 4,559.34 | 4,282.05 | 31.19 | 30.32 | 114.65 | 990.79 | -1,141.08 | 1,656.34 | 1,601.39 | 54.95 | 30.144 | | |
| 5,000.00 | 4,734.10 | 4,651.58 | 4,366.47 | 31.95 | 31.08 | 114.63 | 1,012.32 | -1,171.39 | 1,694.97 | 1,638.67 | 56.29 | 30.110 | | |
| 5,100.00 | 4,827.07 | 4,743.82 | 4,450.88 | 32.71 | 31.85 | 114.61 | 1,033.85 | -1,201.70 | 1,733.59 | 1,675.95 | 57.64 | 30.078 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-05 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,836.05 | 4,535.30 | 33.48 | 32.61 | 114.60 | 1,055.38 | -1,232.00 | 1,772.22 | 1,713.23 | 58.98 | 30.046 | | |
| 5,300.00 | 5,013.00 | 4,928.29 | 4,619.71 | 34.24 | 33.37 | 114.58 | 1,076.91 | -1,262.31 | 1,810.84 | 1,750.51 | 60.33 | 30.016 | | |
| 5,400.00 | 5,105.97 | 5,020.53 | 4,704.13 | 35.00 | 34.13 | 114.57 | 1,098.44 | -1,292.61 | 1,849.47 | 1,787.79 | 61.67 | 29.987 | | |
| 5,500.00 | 5,198.94 | 5,112.77 | 4,788.54 | 35.77 | 34.90 | 114.55 | 1,119.97 | -1,322.92 | 1,888.09 | 1,825.07 | 63.02 | 29.959 | | |
| 5,600.00 | 5,291.91 | 5,205.01 | 4,872.96 | 36.53 | 35.66 | 114.54 | 1,141.50 | -1,353.23 | 1,926.72 | 1,862.35 | 64.37 | 29.933 | | |
| 5,700.00 | 5,384.87 | 5,302.75 | 4,957.37 | 37.29 | 36.47 | 114.53 | 1,163.03 | -1,383.53 | 1,965.34 | 1,899.59 | 65.76 | 29.888 | | |
| 5,800.00 | 5,477.84 | 5,389.48 | 5,041.79 | 38.06 | 37.19 | 114.52 | 1,184.56 | -1,413.84 | 2,003.97 | 1,936.90 | 67.06 | 29.881 | | |
| 5,900.00 | 5,570.81 | 5,481.72 | 5,126.21 | 38.82 | 37.95 | 114.51 | 1,206.09 | -1,444.14 | 2,042.59 | 1,974.18 | 68.41 | 29.857 | | |
| 6,000.00 | 5,663.78 | 5,573.96 | 5,210.62 | 39.59 | 38.72 | 114.49 | 1,227.62 | -1,474.45 | 2,081.22 | 2,011.46 | 69.76 | 29.834 | | |
| 6,100.00 | 5,756.75 | 5,666.20 | 5,295.04 | 40.35 | 39.48 | 114.48 | 1,249.15 | -1,504.76 | 2,119.85 | 2,048.74 | 71.11 | 29.811 | | |
| 6,200.00 | 5,849.71 | 5,758.44 | 5,379.45 | 41.12 | 40.24 | 114.47 | 1,270.68 | -1,535.06 | 2,158.47 | 2,086.01 | 72.46 | 29.789 | | |
| 6,300.00 | 5,942.68 | 5,850.68 | 5,463.87 | 41.88 | 41.01 | 114.46 | 1,292.21 | -1,565.37 | 2,197.10 | 2,123.29 | 73.81 | 29.768 | | |
| 6,400.00 | 6,035.65 | 5,942.91 | 5,548.28 | 42.64 | 41.77 | 114.45 | 1,313.74 | -1,595.67 | 2,235.72 | 2,160.57 | 75.16 | 29.747 | | |
| 6,500.00 | 6,128.62 | 6,035.15 | 5,632.70 | 43.41 | 42.54 | 114.45 | 1,335.27 | -1,625.98 | 2,274.35 | 2,197.84 | 76.51 | 29.727 | | |
| 6,600.00 | 6,221.59 | 6,127.39 | 5,717.11 | 44.17 | 43.30 | 114.44 | 1,356.80 | -1,656.29 | 2,312.98 | 2,235.12 | 77.86 | 29.708 | | |
| 6,700.00 | 6,314.55 | 6,219.63 | 5,801.53 | 44.94 | 44.07 | 114.43 | 1,378.33 | -1,686.59 | 2,351.60 | 2,272.39 | 79.21 | 29.689 | | |
| 6,800.00 | 6,407.52 | 6,311.87 | 5,885.94 | 45.70 | 44.83 | 114.42 | 1,399.85 | -1,716.90 | 2,390.23 | 2,309.67 | 80.56 | 29.670 | | |
| 6,900.00 | 6,499.98 | 6,404.11 | 5,970.36 | 46.49 | 45.60 | 108.64 | 1,421.39 | -1,747.21 | 2,428.76 | 2,346.83 | 81.93 | 29.643 | | |
| 7,000.00 | 6,586.50 | 6,504.52 | 6,053.98 | 47.49 | 46.43 | 98.92 | 1,442.71 | -1,777.23 | 2,466.06 | 2,382.45 | 83.61 | 29.494 | | |
| 7,100.00 | 6,663.58 | 6,583.38 | 6,134.42 | 48.75 | 47.08 | 92.64 | 1,463.23 | -1,806.10 | 2,501.18 | 2,415.77 | 85.41 | 29.285 | | |
| 7,200.00 | 6,728.87 | 6,665.12 | 6,209.24 | 50.23 | 47.76 | 88.29 | 1,482.31 | -1,832.96 | 2,533.66 | 2,446.19 | 87.47 | 28.965 | | |
| 7,300.00 | 6,780.38 | 6,738.24 | 6,276.15 | 51.91 | 48.37 | 85.17 | 1,499.38 | -1,856.99 | 2,563.34 | 2,473.67 | 89.67 | 28.587 | | |
| 7,400.00 | 6,816.56 | 6,800.51 | 6,333.14 | 53.74 | 48.88 | 82.86 | 1,513.91 | -1,877.44 | 2,590.23 | 2,498.32 | 91.91 | 28.183 | | |
| 7,500.00 | 6,836.29 | 6,850.03 | 6,378.46 | 55.65 | 49.29 | 81.10 | 1,525.47 | -1,893.72 | 2,614.46 | 2,520.37 | 94.09 | 27.786 | | |
| 7,600.00 | 6,840.00 | 6,886.19 | 6,411.56 | 57.58 | 49.59 | 80.38 | 1,533.91 | -1,905.60 | 2,636.46 | 2,540.33 | 96.13 | 27.426 | | |
| 7,700.00 | 6,840.00 | 7,784.47 | 6,840.00 | 59.56 | 63.53 | 89.98 | 1,645.53 | -2,595.68 | 2,641.88 | 2,526.88 | 115.01 | 22.972 | | |
| 7,800.00 | 6,840.00 | 7,884.47 | 6,840.00 | 61.60 | 65.50 | 89.98 | 1,645.96 | -2,695.68 | 2,641.84 | 2,522.52 | 119.32 | 22.141 | | |
| 7,900.00 | 6,840.00 | 7,984.47 | 6,840.00 | 63.69 | 67.52 | 89.98 | 1,646.40 | -2,795.68 | 2,641.80 | 2,518.08 | 123.72 | 21.353 | | |
| 8,000.00 | 6,840.00 | 8,084.47 | 6,840.00 | 65.82 | 69.59 | 89.98 | 1,646.84 | -2,895.68 | 2,641.76 | 2,513.56 | 128.21 | 20.606 | | |
| 8,100.00 | 6,840.00 | 8,184.47 | 6,840.00 | 67.99 | 71.70 | 89.98 | 1,647.28 | -2,995.67 | 2,641.72 | 2,508.96 | 132.76 | 19.899 | | |
| 8,200.00 | 6,840.00 | 8,284.47 | 6,840.00 | 70.21 | 73.84 | 89.98 | 1,647.71 | -3,095.67 | 2,641.68 | 2,504.31 | 137.38 | 19.229 | | |
| 8,300.00 | 6,840.00 | 8,384.47 | 6,840.00 | 72.45 | 76.03 | 89.98 | 1,648.15 | -3,195.67 | 2,641.64 | 2,499.59 | 142.05 | 18.596 | | |
| 8,400.00 | 6,840.00 | 8,484.47 | 6,840.00 | 74.73 | 78.25 | 89.98 | 1,648.59 | -3,295.67 | 2,641.60 | 2,494.82 | 146.78 | 17.997 | | |
| 8,500.00 | 6,840.00 | 8,584.47 | 6,840.00 | 77.04 | 80.50 | 89.98 | 1,649.03 | -3,395.67 | 2,641.56 | 2,490.00 | 151.56 | 17.429 | | |
| 8,600.00 | 6,840.00 | 8,684.47 | 6,840.00 | 79.38 | 82.77 | 89.98 | 1,649.46 | -3,495.67 | 2,641.52 | 2,485.14 | 156.38 | 16.892 | | |
| 8,700.00 | 6,840.00 | 8,784.47 | 6,840.00 | 81.74 | 85.08 | 89.98 | 1,649.90 | -3,595.67 | 2,641.48 | 2,480.24 | 161.24 | 16.382 | | |
| 8,800.00 | 6,840.00 | 8,884.47 | 6,840.00 | 84.12 | 87.41 | 89.98 | 1,650.34 | -3,695.67 | 2,641.44 | 2,475.31 | 166.14 | 15.899 | | |
| 8,900.00 | 6,840.00 | 8,984.47 | 6,840.00 | 86.52 | 89.76 | 89.98 | 1,650.78 | -3,795.67 | 2,641.40 | 2,470.34 | 171.06 | 15.441 | | |
| 9,000.00 | 6,840.00 | 9,084.47 | 6,840.00 | 88.94 | 92.13 | 89.98 | 1,651.21 | -3,895.67 | 2,641.36 | 2,465.34 | 176.02 | 15.006 | | |
| 9,100.00 | 6,840.00 | 9,184.47 | 6,840.00 | 91.38 | 94.52 | 89.98 | 1,651.65 | -3,995.66 | 2,641.32 | 2,460.31 | 181.01 | 14.592 | | |
| 9,200.00 | 6,840.00 | 9,284.47 | 6,840.00 | 93.83 | 96.93 | 89.98 | 1,652.09 | -4,095.66 | 2,641.28 | 2,455.26 | 186.02 | 14.199 | | |
| 9,300.00 | 6,840.00 | 9,384.47 | 6,840.00 | 96.30 | 99.35 | 89.98 | 1,652.53 | -4,195.66 | 2,641.24 | 2,450.19 | 191.06 | 13.824 | | |
| 9,400.00 | 6,840.00 | 9,484.47 | 6,840.00 | 98.79 | 101.79 | 89.98 | 1,652.96 | -4,295.66 | 2,641.20 | 2,445.09 | 196.11 | 13.468 | | |
| 9,500.00 | 6,840.00 | 9,584.47 | 6,840.00 | 101.28 | 104.25 | 89.98 | 1,653.40 | -4,395.66 | 2,641.17 | 2,439.98 | 201.19 | 13.128 | | |
| 9,600.00 | 6,840.00 | 9,684.47 | 6,840.00 | 103.79 | 106.71 | 89.98 | 1,653.84 | -4,495.66 | 2,641.13 | 2,434.84 | 206.28 | 12.803 | | |
| 9,700.00 | 6,840.00 | 9,784.47 | 6,840.00 | 106.30 | 109.19 | 89.98 | 1,654.28 | -4,595.66 | 2,641.09 | 2,429.69 | 211.40 | 12.493 | | |
| 9,800.00 | 6,840.00 | 9,884.47 | 6,840.00 | 108.83 | 111.68 | 89.98 | 1,654.71 | -4,695.66 | 2,641.05 | 2,424.52 | 216.53 | 12.197 | | |
| 9,900.00 | 6,840.00 | 9,984.47 | 6,840.00 | 111.37 | 114.19 | 89.98 | 1,655.15 | -4,795.66 | 2,641.01 | 2,419.34 | 221.67 | 11.914 | | |
| 10,000.00 | 6,840.00 | 10,084.47 | 6,840.00 | 113.91 | 116.70 | 89.98 | 1,655.59 | -4,895.66 | 2,640.97 | 2,414.14 | 226.83 | 11.643 | | |
| 10,100.00 | 6,840.00 | 10,184.47 | 6,840.00 | 116.47 | 119.22 | 89.98 | 1,656.03 | -4,995.65 | 2,640.93 | 2,408.93 | 232.00 | 11.384 | | |
| 10,200.00 | 6,840.00 | 10,284.47 | 6,840.00 | 119.03 | 121.75 | 89.98 | 1,656.46 | -5,095.65 | 2,640.89 | 2,403.71 | 237.18 | 11.135 | | |
| 10,300.00 | 6,840.00 | 10,384.47 | 6,840.00 | 121.59 | 124.29 | 89.98 | 1,656.90 | -5,195.65 | 2,640.85 | 2,398.48 | 242.37 | 10.896 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-05 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 10,484.47 | 6,840.00 | 124.17 | 126.83 | 89.98 | 1,657.34 | -5,295.65 | 2,640.81 | 2,393.23 | 247.57 | 10.667 | | |
| 10,500.00 | 6,840.00 | 10,584.47 | 6,840.00 | 126.75 | 129.39 | 89.98 | 1,657.78 | -5,395.65 | 2,640.77 | 2,387.98 | 252.79 | 10.447 | | |
| 10,600.00 | 6,840.00 | 10,684.47 | 6,840.00 | 129.34 | 131.95 | 89.98 | 1,658.21 | -5,495.65 | 2,640.73 | 2,382.72 | 258.01 | 10.235 | | |
| 10,700.00 | 6,840.00 | 10,784.47 | 6,840.00 | 131.93 | 134.51 | 89.98 | 1,658.65 | -5,595.65 | 2,640.69 | 2,377.44 | 263.24 | 10.031 | | |
| 10,800.00 | 6,840.00 | 10,884.47 | 6,840.00 | 134.53 | 137.09 | 89.98 | 1,659.09 | -5,695.65 | 2,640.65 | 2,372.16 | 268.48 | 9.835 | | |
| 10,900.00 | 6,840.00 | 10,984.47 | 6,840.00 | 137.13 | 139.67 | 89.98 | 1,659.53 | -5,795.65 | 2,640.61 | 2,366.88 | 273.73 | 9.647 | | |
| 11,000.00 | 6,840.00 | 11,084.47 | 6,840.00 | 139.73 | 142.25 | 89.98 | 1,659.96 | -5,895.65 | 2,640.57 | 2,361.58 | 278.99 | 9.465 | | |
| 11,100.00 | 6,840.00 | 11,184.47 | 6,840.00 | 142.35 | 144.84 | 89.98 | 1,660.40 | -5,995.65 | 2,640.53 | 2,356.28 | 284.25 | 9.289 | | |
| 11,200.00 | 6,840.00 | 11,284.47 | 6,840.00 | 144.96 | 147.43 | 89.98 | 1,660.84 | -6,095.64 | 2,640.49 | 2,350.97 | 289.52 | 9.120 | | |
| 11,300.00 | 6,840.00 | 11,384.47 | 6,840.00 | 147.58 | 150.03 | 89.98 | 1,661.28 | -6,195.64 | 2,640.45 | 2,345.66 | 294.79 | 8.957 | | |
| 11,400.00 | 6,840.00 | 11,484.47 | 6,840.00 | 150.20 | 152.63 | 89.98 | 1,661.71 | -6,295.64 | 2,640.41 | 2,340.33 | 300.07 | 8.799 | | |
| 11,500.00 | 6,840.00 | 11,584.47 | 6,840.00 | 152.83 | 155.24 | 89.98 | 1,662.15 | -6,395.64 | 2,640.37 | 2,335.01 | 305.36 | 8.647 | | |
| 11,600.00 | 6,840.00 | 11,684.47 | 6,840.00 | 155.46 | 157.85 | 89.98 | 1,662.59 | -6,495.64 | 2,640.33 | 2,329.68 | 310.65 | 8.499 | | |
| 11,700.00 | 6,840.00 | 11,784.47 | 6,840.00 | 158.09 | 160.47 | 89.98 | 1,663.03 | -6,595.64 | 2,640.29 | 2,324.34 | 315.95 | 8.357 | | |
| 11,800.00 | 6,840.00 | 11,884.47 | 6,840.00 | 160.73 | 163.08 | 89.98 | 1,663.46 | -6,695.64 | 2,640.25 | 2,319.00 | 321.25 | 8.219 | | |
| 11,900.00 | 6,840.00 | 11,984.47 | 6,840.00 | 163.36 | 165.70 | 89.98 | 1,663.90 | -6,795.64 | 2,640.21 | 2,313.65 | 326.56 | 8.085 | | |
| 12,000.00 | 6,840.00 | 12,084.47 | 6,840.00 | 166.01 | 168.33 | 89.98 | 1,664.34 | -6,895.64 | 2,640.17 | 2,308.30 | 331.87 | 7.956 | | |
| 12,100.00 | 6,840.00 | 12,184.47 | 6,840.00 | 168.65 | 170.96 | 89.98 | 1,664.78 | -6,995.64 | 2,640.13 | 2,302.95 | 337.18 | 7.830 | | |
| 12,200.00 | 6,840.00 | 12,284.47 | 6,840.00 | 171.30 | 173.59 | 89.98 | 1,665.21 | -7,095.63 | 2,640.09 | 2,297.59 | 342.50 | 7.708 | | |
| 12,300.00 | 6,840.00 | 12,384.47 | 6,840.00 | 173.94 | 176.22 | 89.98 | 1,665.65 | -7,195.63 | 2,640.05 | 2,292.23 | 347.82 | 7.590 | | |
| 12,400.00 | 6,840.00 | 12,484.47 | 6,840.00 | 176.59 | 178.86 | 89.98 | 1,666.09 | -7,295.63 | 2,640.01 | 2,286.86 | 353.15 | 7.476 | | |
| 12,500.00 | 6,840.00 | 12,584.47 | 6,840.00 | 179.25 | 181.50 | 89.98 | 1,666.53 | -7,395.63 | 2,639.97 | 2,281.49 | 358.48 | 7.364 | | |
| 12,600.00 | 6,840.00 | 12,684.47 | 6,840.00 | 181.90 | 184.14 | 89.98 | 1,666.96 | -7,495.63 | 2,639.93 | 2,276.12 | 363.81 | 7.256 | | |
| 12,700.00 | 6,840.00 | 12,784.47 | 6,840.00 | 184.56 | 186.78 | 89.98 | 1,667.40 | -7,595.63 | 2,639.89 | 2,270.75 | 369.14 | 7.151 | | |
| 12,800.00 | 6,840.00 | 12,884.47 | 6,840.00 | 187.22 | 189.43 | 89.98 | 1,667.84 | -7,695.63 | 2,639.85 | 2,265.37 | 374.48 | 7.049 | | |
| 12,900.00 | 6,840.00 | 12,984.47 | 6,840.00 | 189.88 | 192.07 | 89.98 | 1,668.28 | -7,795.63 | 2,639.81 | 2,259.99 | 379.82 | 6.950 | | |
| 13,000.00 | 6,840.00 | 13,084.47 | 6,840.00 | 192.54 | 194.72 | 89.98 | 1,668.71 | -7,895.63 | 2,639.77 | 2,254.60 | 385.17 | 6.854 | | |
| 13,100.00 | 6,840.00 | 13,184.47 | 6,840.00 | 195.20 | 197.37 | 89.98 | 1,669.15 | -7,995.63 | 2,639.73 | 2,249.22 | 390.52 | 6.760 | | |
| 13,200.00 | 6,840.00 | 13,284.47 | 6,840.00 | 197.87 | 200.03 | 89.98 | 1,669.59 | -8,095.62 | 2,639.69 | 2,243.83 | 395.86 | 6.668 | | |
| 13,300.00 | 6,840.00 | 13,384.47 | 6,840.00 | 200.53 | 202.68 | 89.98 | 1,670.03 | -8,195.62 | 2,639.65 | 2,238.43 | 401.22 | 6.579 | | |
| 13,400.00 | 6,840.00 | 13,484.47 | 6,840.00 | 203.20 | 205.34 | 89.98 | 1,670.46 | -8,295.62 | 2,639.61 | 2,233.04 | 406.57 | 6.492 | | |
| 13,500.00 | 6,840.00 | 13,584.47 | 6,840.00 | 205.87 | 208.00 | 89.98 | 1,670.90 | -8,395.62 | 2,639.57 | 2,227.64 | 411.93 | 6.408 | | |
| 13,600.00 | 6,840.00 | 13,684.47 | 6,840.00 | 208.54 | 210.66 | 89.98 | 1,671.34 | -8,495.62 | 2,639.53 | 2,222.25 | 417.29 | 6.325 | | |
| 13,700.00 | 6,840.00 | 13,784.47 | 6,840.00 | 211.22 | 213.32 | 89.98 | 1,671.78 | -8,595.62 | 2,639.49 | 2,216.85 | 422.65 | 6.245 | | |
| 13,800.00 | 6,840.00 | 13,884.47 | 6,840.00 | 213.89 | 215.98 | 89.98 | 1,672.21 | -8,695.62 | 2,639.45 | 2,211.44 | 428.01 | 6.167 | | |
| 13,900.00 | 6,840.00 | 13,984.47 | 6,840.00 | 216.56 | 218.65 | 89.98 | 1,672.65 | -8,795.62 | 2,639.41 | 2,206.04 | 433.37 | 6.090 | | |
| 14,000.00 | 6,840.00 | 14,084.47 | 6,840.00 | 219.24 | 221.32 | 89.98 | 1,673.09 | -8,895.62 | 2,639.37 | 2,200.63 | 438.74 | 6.016 | | |
| 14,100.00 | 6,840.00 | 14,184.47 | 6,840.00 | 221.92 | 223.98 | 89.98 | 1,673.53 | -8,995.62 | 2,639.33 | 2,195.22 | 444.11 | 5.943 | | |
| 14,200.00 | 6,840.00 | 14,284.47 | 6,840.00 | 224.59 | 226.65 | 89.98 | 1,673.96 | -9,095.62 | 2,639.29 | 2,189.81 | 449.48 | 5.872 | | |
| 14,300.00 | 6,840.00 | 14,384.47 | 6,840.00 | 227.27 | 229.32 | 89.98 | 1,674.40 | -9,195.61 | 2,639.25 | 2,184.40 | 454.85 | 5.802 | | |
| 14,400.00 | 6,840.00 | 14,484.47 | 6,840.00 | 229.95 | 231.99 | 89.98 | 1,674.84 | -9,295.61 | 2,639.21 | 2,178.99 | 460.22 | 5.735 | | |
| 14,500.00 | 6,840.00 | 14,584.47 | 6,840.00 | 232.63 | 234.67 | 89.98 | 1,675.28 | -9,395.61 | 2,639.17 | 2,173.58 | 465.60 | 5.668 | | |
| 14,600.00 | 6,840.00 | 14,684.47 | 6,840.00 | 235.31 | 237.34 | 89.98 | 1,675.71 | -9,495.61 | 2,639.13 | 2,168.16 | 470.97 | 5.604 | | |
| 14,700.00 | 6,840.00 | 14,784.47 | 6,840.00 | 238.00 | 240.01 | 89.98 | 1,676.15 | -9,595.61 | 2,639.09 | 2,162.74 | 476.35 | 5.540 | | |
| 14,800.00 | 6,840.00 | 14,884.47 | 6,840.00 | 240.68 | 242.69 | 89.98 | 1,676.59 | -9,695.61 | 2,639.05 | 2,157.32 | 481.73 | 5.478 | | |
| 14,900.00 | 6,840.00 | 14,984.47 | 6,840.00 | 243.36 | 245.37 | 89.98 | 1,677.03 | -9,795.61 | 2,639.01 | 2,151.90 | 487.11 | 5.418 | | |
| 15,000.00 | 6,840.00 | 15,084.47 | 6,840.00 | 246.05 | 248.04 | 89.98 | 1,677.46 | -9,895.61 | 2,638.97 | 2,146.48 | 492.49 | 5.358 | | |
| 15,100.00 | 6,840.00 | 15,184.47 | 6,840.00 | 248.74 | 250.72 | 89.98 | 1,677.90 | -9,995.61 | 2,638.93 | 2,141.06 | 497.87 | 5.300 | | |
| 15,200.00 | 6,840.00 | 15,284.47 | 6,840.00 | 251.42 | 253.40 | 89.98 | 1,678.34 | -10,095.61 | 2,638.89 | 2,135.64 | 503.26 | 5.244 | | |
| 15,300.00 | 6,840.00 | 15,384.47 | 6,840.00 | 254.11 | 256.08 | 89.98 | 1,678.78 | -10,195.60 | 2,638.85 | 2,130.21 | 508.64 | 5.188 | | |
| 15,400.00 | 6,840.00 | 15,484.47 | 6,840.00 | 256.80 | 258.76 | 89.98 | 1,679.21 | -10,295.60 | 2,638.81 | 2,124.78 | 514.03 | 5.134 | | |
| 15,500.00 | 6,840.00 | 15,584.47 | 6,840.00 | 259.49 | 261.44 | 89.98 | 1,679.65 | -10,395.60 | 2,638.77 | 2,119.36 | 519.42 | 5.080 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-05 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,600.00 | 6,840.00 | 15,684.47 | 6,840.00 | 262.17 | 264.13 | 89.98 | 1,680.09 | -10,495.60 | 2,638.73 | 2,113.93 | 524.81 | 5.028 | | |
| 15,700.00 | 6,840.00 | 15,784.47 | 6,840.00 | 264.86 | 266.81 | 89.98 | 1,680.53 | -10,595.60 | 2,638.69 | 2,108.50 | 530.20 | 4.977 | | |
| 15,800.00 | 6,840.00 | 15,884.47 | 6,840.00 | 267.55 | 269.49 | 89.98 | 1,680.96 | -10,695.60 | 2,638.65 | 2,103.07 | 535.59 | 4.927 | | |
| 15,900.00 | 6,840.00 | 15,984.47 | 6,840.00 | 270.25 | 272.18 | 89.98 | 1,681.40 | -10,795.60 | 2,638.61 | 2,097.64 | 540.98 | 4.877 | | |
| 16,000.00 | 6,840.00 | 16,084.47 | 6,840.00 | 272.94 | 274.86 | 89.98 | 1,681.84 | -10,895.60 | 2,638.57 | 2,092.20 | 546.37 | 4.829 | | |
| 16,100.00 | 6,840.00 | 16,184.47 | 6,840.00 | 275.63 | 277.55 | 89.98 | 1,682.28 | -10,995.60 | 2,638.54 | 2,086.77 | 551.76 | 4.782 | | |
| 16,200.00 | 6,840.00 | 16,284.47 | 6,840.00 | 278.32 | 280.24 | 89.98 | 1,682.71 | -11,095.60 | 2,638.50 | 2,081.34 | 557.16 | 4.736 | | |
| 16,300.00 | 6,840.00 | 16,384.47 | 6,840.00 | 281.02 | 282.92 | 89.98 | 1,683.15 | -11,195.60 | 2,638.46 | 2,075.90 | 562.55 | 4.690 | | |
| 16,400.00 | 6,840.00 | 16,484.47 | 6,840.00 | 283.71 | 285.61 | 89.98 | 1,683.59 | -11,295.59 | 2,638.42 | 2,070.47 | 567.95 | 4.646 | | |
| 16,500.00 | 6,840.00 | 16,584.47 | 6,840.00 | 286.40 | 288.30 | 89.98 | 1,684.03 | -11,395.59 | 2,638.38 | 2,065.03 | 573.35 | 4.602 | | |
| 16,600.00 | 6,840.00 | 16,684.47 | 6,840.00 | 289.10 | 290.99 | 89.98 | 1,684.46 | -11,495.59 | 2,638.34 | 2,059.59 | 578.74 | 4.559 | | |
| 16,700.00 | 6,840.00 | 16,784.47 | 6,840.00 | 291.79 | 293.68 | 89.98 | 1,684.90 | -11,595.59 | 2,638.30 | 2,054.15 | 584.14 | 4.517 | | |
| 16,800.00 | 6,840.00 | 16,884.47 | 6,840.00 | 294.49 | 296.37 | 89.98 | 1,685.34 | -11,695.59 | 2,638.26 | 2,048.71 | 589.54 | 4.475 | | |
| 16,900.00 | 6,840.00 | 16,984.47 | 6,840.00 | 297.19 | 299.06 | 89.98 | 1,685.78 | -11,795.59 | 2,638.22 | 2,043.27 | 594.94 | 4.434 | | |
| 17,000.00 | 6,840.00 | 17,084.47 | 6,840.00 | 299.88 | 301.75 | 89.98 | 1,686.21 | -11,895.59 | 2,638.18 | 2,037.83 | 600.34 | 4.394 | | |
| 17,100.00 | 6,840.00 | 17,184.47 | 6,840.00 | 302.58 | 304.45 | 89.98 | 1,686.65 | -11,995.59 | 2,638.14 | 2,032.39 | 605.74 | 4.355 | | |
| 17,200.00 | 6,840.00 | 17,284.47 | 6,840.00 | 305.28 | 307.14 | 89.98 | 1,687.09 | -12,095.59 | 2,638.10 | 2,026.95 | 611.15 | 4.317 | | |
| 17,300.00 | 6,840.00 | 17,384.47 | 6,840.00 | 307.97 | 309.83 | 89.98 | 1,687.53 | -12,195.59 | 2,638.06 | 2,021.51 | 616.55 | 4.279 | | |
| 17,400.00 | 6,840.00 | 17,484.47 | 6,840.00 | 310.67 | 312.52 | 89.98 | 1,687.96 | -12,295.58 | 2,638.02 | 2,016.06 | 621.95 | 4.242 | | |
| 17,500.00 | 6,840.00 | 17,584.47 | 6,840.00 | 313.37 | 315.22 | 89.98 | 1,688.40 | -12,395.58 | 2,637.98 | 2,010.62 | 627.36 | 4.205 | | |
| 17,600.00 | 6,840.00 | 17,684.47 | 6,840.00 | 316.07 | 317.91 | 89.98 | 1,688.84 | -12,495.58 | 2,637.94 | 2,005.18 | 632.76 | 4.169 | | |
| 17,700.00 | 6,840.00 | 17,784.47 | 6,840.00 | 318.77 | 320.61 | 89.98 | 1,689.28 | -12,595.58 | 2,637.90 | 1,999.73 | 638.17 | 4.134 | | |
| 17,800.00 | 6,840.00 | 17,884.47 | 6,840.00 | 321.47 | 323.30 | 89.98 | 1,689.71 | -12,695.58 | 2,637.86 | 1,994.29 | 643.57 | 4.099 | | |
| 17,900.00 | 6,840.00 | 17,984.47 | 6,840.00 | 324.17 | 326.00 | 89.98 | 1,690.15 | -12,795.58 | 2,637.82 | 1,988.84 | 648.98 | 4.065 | | |
| 18,000.00 | 6,840.00 | 18,084.47 | 6,840.00 | 326.87 | 328.69 | 89.98 | 1,690.59 | -12,895.58 | 2,637.78 | 1,983.39 | 654.39 | 4.031 | | |
| 18,100.00 | 6,840.00 | 18,184.47 | 6,840.00 | 329.57 | 331.39 | 89.98 | 1,691.03 | -12,995.58 | 2,637.74 | 1,977.94 | 659.79 | 3.998 | | |
| 18,200.00 | 6,840.00 | 18,284.47 | 6,840.00 | 332.27 | 334.09 | 89.98 | 1,691.46 | -13,095.58 | 2,637.70 | 1,972.50 | 665.20 | 3.965 | | |
| 18,300.00 | 6,840.00 | 18,384.47 | 6,840.00 | 334.97 | 336.78 | 89.98 | 1,691.90 | -13,195.58 | 2,637.66 | 1,967.05 | 670.61 | 3.933 | | |
| 18,400.00 | 6,840.00 | 18,484.47 | 6,840.00 | 337.67 | 339.48 | 89.98 | 1,692.34 | -13,295.57 | 2,637.62 | 1,961.60 | 676.02 | 3.902 | | |
| 18,500.00 | 6,840.00 | 18,584.47 | 6,840.00 | 340.38 | 342.18 | 89.98 | 1,692.78 | -13,395.57 | 2,637.58 | 1,956.15 | 681.43 | 3.871 | | |
| 18,600.00 | 6,840.00 | 18,684.47 | 6,840.00 | 343.08 | 344.88 | 89.98 | 1,693.21 | -13,495.57 | 2,637.54 | 1,950.70 | 686.84 | 3.840 | | |
| 18,700.00 | 6,840.00 | 18,784.47 | 6,840.00 | 345.78 | 347.58 | 89.98 | 1,693.65 | -13,595.57 | 2,637.50 | 1,945.25 | 692.25 | 3.810 | | |
| 18,800.00 | 6,840.00 | 18,884.47 | 6,840.00 | 348.48 | 350.28 | 89.98 | 1,694.09 | -13,695.57 | 2,637.46 | 1,939.80 | 697.66 | 3.780 | | |
| 18,900.00 | 6,840.00 | 18,984.47 | 6,840.00 | 351.19 | 352.98 | 89.98 | 1,694.53 | -13,795.57 | 2,637.42 | 1,934.35 | 703.07 | 3.751 | | |
| 19,000.00 | 6,840.00 | 19,084.47 | 6,840.00 | 353.89 | 355.68 | 89.98 | 1,694.96 | -13,895.57 | 2,637.38 | 1,928.90 | 708.48 | 3.723 | | |
| 19,100.00 | 6,840.00 | 19,184.47 | 6,840.00 | 356.59 | 358.37 | 89.98 | 1,695.40 | -13,995.57 | 2,637.34 | 1,923.44 | 713.89 | 3.694 | | |
| 19,200.00 | 6,840.00 | 19,284.47 | 6,840.00 | 359.30 | 361.08 | 89.98 | 1,695.84 | -14,095.57 | 2,637.30 | 1,917.99 | 719.31 | 3.666 | | |
| 19,300.00 | 6,840.00 | 19,384.47 | 6,840.00 | 362.00 | 363.78 | 89.98 | 1,696.28 | -14,195.57 | 2,637.26 | 1,912.54 | 724.72 | 3.639 | | |
| 19,400.00 | 6,840.00 | 19,484.47 | 6,840.00 | 364.71 | 366.48 | 89.98 | 1,696.71 | -14,295.57 | 2,637.22 | 1,907.09 | 730.13 | 3.612 | | |
| 19,500.00 | 6,840.00 | 19,584.47 | 6,840.00 | 367.41 | 369.18 | 89.98 | 1,697.15 | -14,395.56 | 2,637.18 | 1,901.63 | 735.55 | 3.585 | | |
| 19,600.00 | 6,840.00 | 19,684.47 | 6,840.00 | 370.11 | 371.88 | 89.98 | 1,697.59 | -14,495.56 | 2,637.14 | 1,896.18 | 740.96 | 3.559 | | |
| 19,700.00 | 6,840.00 | 19,784.47 | 6,840.00 | 372.82 | 374.58 | 89.98 | 1,698.03 | -14,595.56 | 2,637.10 | 1,890.72 | 746.38 | 3.533 | | |
| 19,800.00 | 6,840.00 | 19,884.47 | 6,840.00 | 375.53 | 377.28 | 89.98 | 1,698.46 | -14,695.56 | 2,637.06 | 1,885.27 | 751.79 | 3.508 | | |
| 19,900.00 | 6,840.00 | 19,984.47 | 6,840.00 | 378.23 | 379.98 | 89.98 | 1,698.90 | -14,795.56 | 2,637.02 | 1,879.81 | 757.21 | 3.483 | | |
| 20,000.00 | 6,840.00 | 20,084.47 | 6,840.00 | 380.94 | 382.69 | 89.98 | 1,699.34 | -14,895.56 | 2,636.98 | 1,874.36 | 762.62 | 3.458 | | |
| 20,100.00 | 6,840.00 | 20,184.47 | 6,840.00 | 383.64 | 385.39 | 89.98 | 1,699.78 | -14,995.56 | 2,636.94 | 1,868.90 | 768.04 | 3.433 | | |
| 20,200.00 | 6,840.00 | 20,284.47 | 6,840.00 | 386.35 | 388.09 | 89.98 | 1,700.21 | -15,095.56 | 2,636.90 | 1,863.45 | 773.45 | 3.409 | | |
| 20,300.00 | 6,840.00 | 20,384.47 | 6,840.00 | 389.05 | 390.80 | 89.98 | 1,700.65 | -15,195.56 | 2,636.86 | 1,857.99 | 778.87 | 3.385 | | |
| 20,400.00 | 6,840.00 | 20,484.47 | 6,840.00 | 391.76 | 393.50 | 89.98 | 1,701.09 | -15,295.56 | 2,636.82 | 1,852.53 | 784.29 | 3.362 | | |
| 20,442.82 | 6,840.00 | 20,527.28 | 6,840.00 | 392.92 | 394.66 | 89.98 | 1,701.28 | -15,338.37 | 2,636.80 | 1,850.20 | 786.61 | 3.352 SF | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-06 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 1.00 | 1.00 | 0.00 | 0.00 | 0.10 | 158.11 | 0.28 | 158.11 | | | | | |
| 100.00 | 100.00 | 101.00 | 101.00 | 0.13 | 0.14 | 0.10 | 158.11 | 0.28 | 158.11 | 157.84 | 0.27 | 580.344 | | |
| 200.00 | 200.00 | 201.00 | 201.00 | 0.49 | 0.50 | 0.10 | 158.11 | 0.28 | 158.11 | 157.12 | 0.99 | 159.805 | | |
| 300.00 | 300.00 | 301.00 | 301.00 | 0.85 | 0.85 | 0.10 | 158.11 | 0.28 | 158.11 | 156.40 | 1.71 | 92.660 | | |
| 400.00 | 400.00 | 401.00 | 401.00 | 1.21 | 1.21 | 0.10 | 158.11 | 0.28 | 158.11 | 155.68 | 2.42 | 65.246 | | |
| 500.00 | 500.00 | 501.00 | 501.00 | 1.57 | 1.57 | 0.10 | 158.11 | 0.28 | 158.11 | 154.97 | 3.14 | 50.350 CC, ES | | |
| 600.00 | 599.98 | 600.98 | 600.98 | 1.92 | 1.93 | 116.45 | 158.11 | 0.28 | 158.88 | 155.03 | 3.85 | 41.313 | | |
| 700.00 | 699.84 | 698.30 | 698.28 | 2.26 | 2.28 | 117.48 | 158.93 | -1.19 | 162.07 | 157.53 | 4.54 | 35.732 | | |
| 800.00 | 799.45 | 795.50 | 795.35 | 2.62 | 2.62 | 118.43 | 161.36 | -5.54 | 168.49 | 163.25 | 5.24 | 32.176 | | |
| 900.00 | 898.70 | 892.44 | 891.93 | 2.99 | 2.97 | 119.24 | 165.39 | -12.74 | 178.12 | 172.16 | 5.96 | 29.908 | | |
| 1,000.00 | 997.47 | 988.96 | 987.76 | 3.39 | 3.33 | 119.88 | 170.98 | -22.73 | 190.93 | 184.23 | 6.70 | 28.500 | | |
| 1,100.00 | 1,095.62 | 1,084.92 | 1,082.61 | 3.81 | 3.71 | 120.35 | 178.10 | -35.45 | 206.87 | 199.40 | 7.47 | 27.678 | | |
| 1,200.00 | 1,193.06 | 1,180.21 | 1,176.25 | 4.27 | 4.10 | 120.65 | 186.69 | -50.82 | 225.91 | 217.62 | 8.29 | 27.256 | | |
| 1,300.00 | 1,289.64 | 1,274.69 | 1,268.47 | 4.77 | 4.52 | 120.79 | 196.71 | -68.74 | 247.98 | 238.83 | 9.15 | 27.109 | | |
| 1,400.00 | 1,385.27 | 1,368.25 | 1,359.08 | 5.31 | 4.97 | 120.80 | 208.09 | -89.09 | 273.02 | 262.96 | 10.06 | 27.140 | | |
| 1,500.00 | 1,479.82 | 1,460.79 | 1,447.90 | 5.91 | 5.45 | 120.69 | 220.76 | -111.74 | 300.98 | 289.95 | 11.03 | 27.286 | | |
| 1,600.00 | 1,573.19 | 1,552.22 | 1,534.78 | 6.55 | 5.96 | 120.58 | 234.65 | -136.57 | 331.76 | 319.69 | 12.06 | 27.498 | | |
| 1,700.00 | 1,666.16 | 1,642.81 | 1,619.93 | 7.23 | 6.51 | 120.57 | 249.74 | -163.55 | 364.19 | 351.04 | 13.15 | 27.700 | | |
| 1,800.00 | 1,759.13 | 1,732.60 | 1,703.33 | 7.93 | 7.09 | 120.16 | 265.99 | -192.59 | 397.71 | 383.44 | 14.27 | 27.869 | | |
| 1,900.00 | 1,852.10 | 1,826.53 | 1,790.01 | 8.64 | 7.74 | 119.60 | 283.64 | -224.16 | 431.81 | 416.31 | 15.49 | 27.873 | | |
| 2,000.00 | 1,945.06 | 1,920.46 | 1,876.70 | 9.35 | 8.41 | 119.13 | 301.30 | -255.73 | 465.93 | 449.20 | 16.74 | 27.837 | | |
| 2,100.00 | 2,038.03 | 2,014.39 | 1,963.38 | 10.08 | 9.09 | 118.71 | 318.96 | -287.30 | 500.09 | 482.08 | 18.00 | 27.777 | | |
| 2,200.00 | 2,131.00 | 2,108.33 | 2,050.07 | 10.81 | 9.78 | 118.36 | 336.62 | -318.87 | 534.26 | 514.97 | 19.29 | 27.703 | | |
| 2,300.00 | 2,223.97 | 2,202.26 | 2,136.76 | 11.54 | 10.48 | 118.04 | 354.28 | -350.44 | 568.45 | 547.87 | 20.58 | 27.622 | | |
| 2,400.00 | 2,316.94 | 2,303.81 | 2,223.44 | 12.28 | 11.25 | 117.76 | 371.94 | -382.01 | 602.65 | 580.71 | 21.94 | 27.468 | | |
| 2,500.00 | 2,409.90 | 2,409.88 | 2,310.13 | 13.02 | 12.06 | 117.51 | 389.60 | -413.59 | 636.86 | 613.52 | 23.34 | 27.285 | | |
| 2,600.00 | 2,502.87 | 2,484.05 | 2,396.82 | 13.77 | 12.62 | 117.29 | 407.26 | -445.16 | 671.08 | 646.56 | 24.52 | 27.368 | | |
| 2,700.00 | 2,595.84 | 2,577.98 | 2,483.50 | 14.51 | 13.35 | 117.08 | 424.91 | -476.73 | 705.31 | 679.47 | 25.85 | 27.287 | | |
| 2,800.00 | 2,688.81 | 2,671.91 | 2,570.19 | 15.26 | 14.07 | 116.90 | 442.57 | -508.30 | 739.55 | 712.37 | 27.18 | 27.209 | | |
| 2,900.00 | 2,781.77 | 2,765.84 | 2,656.87 | 16.01 | 14.80 | 116.73 | 460.23 | -539.87 | 773.80 | 745.28 | 28.52 | 27.134 | | |
| 3,000.00 | 2,874.74 | 2,859.77 | 2,743.56 | 16.76 | 15.53 | 116.58 | 477.89 | -571.44 | 808.04 | 778.19 | 29.86 | 27.063 | | |
| 3,100.00 | 2,967.71 | 2,953.70 | 2,830.25 | 17.52 | 16.26 | 116.44 | 495.55 | -603.01 | 842.30 | 811.10 | 31.20 | 26.995 | | |
| 3,200.00 | 3,060.68 | 3,047.64 | 2,916.93 | 18.27 | 17.00 | 116.31 | 513.21 | -634.58 | 876.56 | 844.01 | 32.55 | 26.930 | | |
| 3,300.00 | 3,153.65 | 3,141.57 | 3,003.62 | 19.03 | 17.74 | 116.19 | 530.87 | -666.15 | 910.82 | 876.92 | 33.90 | 26.869 | | |
| 3,400.00 | 3,246.61 | 3,235.50 | 3,090.30 | 19.78 | 18.47 | 116.08 | 548.53 | -697.72 | 945.08 | 909.83 | 35.25 | 26.810 | | |
| 3,500.00 | 3,339.58 | 3,329.43 | 3,176.99 | 20.54 | 19.21 | 115.97 | 566.18 | -729.30 | 979.35 | 942.75 | 36.60 | 26.755 | | |
| 3,600.00 | 3,432.55 | 3,423.36 | 3,263.68 | 21.30 | 19.95 | 115.88 | 583.84 | -760.87 | 1,013.62 | 975.66 | 37.96 | 26.702 | | |
| 3,700.00 | 3,525.52 | 3,517.29 | 3,350.36 | 22.06 | 20.69 | 115.79 | 601.50 | -792.44 | 1,047.90 | 1,008.58 | 39.32 | 26.652 | | |
| 3,800.00 | 3,618.49 | 3,611.22 | 3,437.05 | 22.82 | 21.44 | 115.70 | 619.16 | -824.01 | 1,082.17 | 1,041.49 | 40.68 | 26.604 | | |
| 3,900.00 | 3,711.45 | 3,705.15 | 3,523.73 | 23.57 | 22.18 | 115.62 | 636.82 | -855.58 | 1,116.45 | 1,074.41 | 42.04 | 26.558 | | |
| 4,000.00 | 3,804.42 | 3,800.92 | 3,610.42 | 24.33 | 22.94 | 115.55 | 654.48 | -887.15 | 1,150.73 | 1,107.31 | 43.41 | 26.507 | | |
| 4,100.00 | 3,897.39 | 3,906.99 | 3,697.11 | 25.09 | 23.78 | 115.48 | 672.14 | -918.72 | 1,185.01 | 1,140.14 | 44.87 | 26.413 | | |
| 4,200.00 | 3,990.36 | 3,986.95 | 3,783.79 | 25.86 | 24.41 | 115.41 | 689.80 | -950.29 | 1,219.29 | 1,173.16 | 46.13 | 26.434 | | |
| 4,300.00 | 4,083.32 | 4,080.88 | 3,870.48 | 26.62 | 25.16 | 115.35 | 707.45 | -981.86 | 1,253.57 | 1,206.08 | 47.49 | 26.397 | | |
| 4,400.00 | 4,176.29 | 4,174.81 | 3,957.16 | 27.38 | 25.90 | 115.29 | 725.11 | -1,013.43 | 1,287.86 | 1,239.00 | 48.86 | 26.361 | | |
| 4,500.00 | 4,269.26 | 4,268.74 | 4,043.85 | 28.14 | 26.65 | 115.23 | 742.77 | -1,045.01 | 1,322.14 | 1,271.92 | 50.22 | 26.326 | | |
| 4,600.00 | 4,362.23 | 4,362.67 | 4,130.54 | 28.90 | 27.40 | 115.18 | 760.43 | -1,076.58 | 1,356.43 | 1,304.84 | 51.59 | 26.293 | | |
| 4,700.00 | 4,455.20 | 4,456.60 | 4,217.22 | 29.66 | 28.15 | 115.13 | 778.09 | -1,108.15 | 1,390.72 | 1,337.76 | 52.96 | 26.262 | | |
| 4,800.00 | 4,548.16 | 4,550.53 | 4,303.91 | 30.43 | 28.89 | 115.08 | 795.75 | -1,139.72 | 1,425.01 | 1,370.68 | 54.32 | 26.231 | | |
| 4,900.00 | 4,641.13 | 4,644.46 | 4,390.59 | 31.19 | 29.64 | 115.03 | 813.41 | -1,171.29 | 1,459.30 | 1,403.60 | 55.69 | 26.202 | | |
| 5,000.00 | 4,734.10 | 4,738.39 | 4,477.28 | 31.95 | 30.39 | 114.99 | 831.06 | -1,202.86 | 1,493.59 | 1,436.52 | 57.06 | 26.175 | | |
| 5,100.00 | 4,827.07 | 4,832.32 | 4,563.97 | 32.71 | 31.14 | 114.95 | 848.72 | -1,234.43 | 1,527.88 | 1,469.45 | 58.43 | 26.148 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-06 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,926.26 | 4,650.65 | 33.48 | 31.89 | 114.91 | 866.38 | -1,266.00 | 1,562.17 | 1,502.37 | 59.80 | 26.122 | | |
| 5,300.00 | 5,013.00 | 5,020.19 | 4,737.34 | 34.24 | 32.64 | 114.87 | 884.04 | -1,297.57 | 1,596.46 | 1,535.29 | 61.17 | 26.097 | | |
| 5,400.00 | 5,105.97 | 5,114.12 | 4,824.02 | 35.00 | 33.39 | 114.83 | 901.70 | -1,329.14 | 1,630.76 | 1,568.21 | 62.54 | 26.073 | | |
| 5,500.00 | 5,198.94 | 5,208.05 | 4,910.71 | 35.77 | 34.14 | 114.80 | 919.36 | -1,360.72 | 1,665.05 | 1,601.13 | 63.92 | 26.050 | | |
| 5,600.00 | 5,291.91 | 5,301.98 | 4,997.40 | 36.53 | 34.89 | 114.76 | 937.02 | -1,392.29 | 1,699.34 | 1,634.05 | 65.29 | 26.028 | | |
| 5,700.00 | 5,384.87 | 5,395.91 | 5,084.08 | 37.29 | 35.64 | 114.73 | 954.68 | -1,423.86 | 1,733.64 | 1,666.98 | 66.66 | 26.007 | | |
| 5,800.00 | 5,477.84 | 5,489.84 | 5,170.77 | 38.06 | 36.39 | 114.70 | 972.33 | -1,455.43 | 1,767.93 | 1,699.90 | 68.03 | 25.986 | | |
| 5,900.00 | 5,570.81 | 5,583.77 | 5,257.45 | 38.82 | 37.14 | 114.67 | 989.99 | -1,487.00 | 1,802.23 | 1,732.82 | 69.41 | 25.966 | | |
| 6,000.00 | 5,663.78 | 5,677.70 | 5,344.14 | 39.59 | 37.89 | 114.64 | 1,007.65 | -1,518.57 | 1,836.52 | 1,765.74 | 70.78 | 25.947 | | |
| 6,100.00 | 5,756.75 | 5,771.63 | 5,430.83 | 40.35 | 38.64 | 114.61 | 1,025.31 | -1,550.14 | 1,870.82 | 1,798.67 | 72.15 | 25.928 | | |
| 6,200.00 | 5,849.71 | 5,865.57 | 5,517.51 | 41.12 | 39.39 | 114.58 | 1,042.97 | -1,581.71 | 1,905.12 | 1,831.59 | 73.53 | 25.910 | | |
| 6,300.00 | 5,942.68 | 5,959.50 | 5,604.20 | 41.88 | 40.14 | 114.56 | 1,060.63 | -1,613.28 | 1,939.42 | 1,864.51 | 74.90 | 25.893 | | |
| 6,400.00 | 6,035.65 | 6,053.43 | 5,690.89 | 42.64 | 40.89 | 114.53 | 1,078.29 | -1,644.85 | 1,973.71 | 1,897.44 | 76.28 | 25.876 | | |
| 6,500.00 | 6,128.62 | 6,147.36 | 5,777.57 | 43.41 | 41.64 | 114.51 | 1,095.95 | -1,676.43 | 2,008.01 | 1,930.36 | 77.65 | 25.859 | | |
| 6,600.00 | 6,221.59 | 6,241.29 | 5,864.26 | 44.17 | 42.39 | 114.48 | 1,113.60 | -1,708.00 | 2,042.31 | 1,963.28 | 79.03 | 25.843 | | |
| 6,700.00 | 6,314.55 | 6,335.22 | 5,950.94 | 44.94 | 43.14 | 114.46 | 1,131.26 | -1,739.57 | 2,076.61 | 1,996.21 | 80.40 | 25.828 | | |
| 6,800.00 | 6,407.52 | 6,429.15 | 6,037.63 | 45.70 | 43.89 | 114.44 | 1,148.92 | -1,771.14 | 2,110.91 | 2,029.13 | 81.78 | 25.813 | | |
| 6,900.00 | 6,499.98 | 6,523.09 | 6,124.32 | 46.49 | 44.65 | 108.87 | 1,166.58 | -1,802.71 | 2,145.11 | 2,061.94 | 83.18 | 25.790 | | |
| 7,000.00 | 6,586.50 | 6,616.16 | 6,210.21 | 47.49 | 45.39 | 99.70 | 1,184.08 | -1,833.99 | 2,178.14 | 2,093.34 | 84.80 | 25.686 | | |
| 7,100.00 | 6,663.58 | 6,705.71 | 6,292.86 | 48.75 | 46.11 | 93.96 | 1,200.91 | -1,864.09 | 2,209.19 | 2,122.53 | 86.65 | 25.495 | | |
| 7,200.00 | 6,728.87 | 6,789.02 | 6,369.74 | 50.23 | 46.77 | 90.12 | 1,216.58 | -1,892.09 | 2,238.00 | 2,149.31 | 88.69 | 25.235 | | |
| 7,300.00 | 6,780.38 | 6,863.57 | 6,438.54 | 51.91 | 47.37 | 87.45 | 1,230.59 | -1,917.15 | 2,264.63 | 2,173.80 | 90.83 | 24.934 | | |
| 7,400.00 | 6,816.56 | 6,990.92 | 6,553.02 | 53.74 | 48.52 | 86.70 | 1,253.95 | -1,967.33 | 2,288.86 | 2,194.82 | 94.04 | 24.340 | | |
| 7,500.00 | 6,836.29 | 7,280.39 | 6,755.81 | 55.65 | 52.65 | 88.75 | 1,295.81 | -2,165.19 | 2,306.65 | 2,205.49 | 101.16 | 22.802 | | |
| 7,600.00 | 6,840.00 | 7,628.25 | 6,840.00 | 57.58 | 59.30 | 89.98 | 1,314.31 | -2,496.93 | 2,311.14 | 2,200.62 | 110.52 | 20.911 | | |
| 7,700.00 | 6,840.00 | 7,728.25 | 6,840.00 | 59.56 | 61.30 | 89.98 | 1,314.75 | -2,596.93 | 2,311.11 | 2,196.36 | 114.75 | 20.141 | | |
| 7,800.00 | 6,840.00 | 7,828.25 | 6,840.00 | 61.60 | 63.35 | 89.98 | 1,315.20 | -2,696.93 | 2,311.07 | 2,192.00 | 119.08 | 19.408 | | |
| 7,900.00 | 6,840.00 | 7,928.25 | 6,840.00 | 63.69 | 65.45 | 89.98 | 1,315.64 | -2,796.93 | 2,311.04 | 2,187.55 | 123.49 | 18.714 | | |
| 8,000.00 | 6,840.00 | 8,028.25 | 6,840.00 | 65.82 | 67.59 | 89.98 | 1,316.09 | -2,896.93 | 2,311.01 | 2,183.03 | 127.98 | 18.057 | | |
| 8,100.00 | 6,840.00 | 8,128.25 | 6,840.00 | 67.99 | 69.77 | 89.98 | 1,316.54 | -2,996.92 | 2,310.98 | 2,178.43 | 132.55 | 17.435 | | |
| 8,200.00 | 6,840.00 | 8,228.25 | 6,840.00 | 70.21 | 71.99 | 89.98 | 1,316.98 | -3,096.92 | 2,310.95 | 2,173.77 | 137.18 | 16.846 | | |
| 8,300.00 | 6,840.00 | 8,328.25 | 6,840.00 | 72.45 | 74.24 | 89.98 | 1,317.43 | -3,196.92 | 2,310.92 | 2,169.05 | 141.86 | 16.290 | | |
| 8,400.00 | 6,840.00 | 8,428.25 | 6,840.00 | 74.73 | 76.52 | 89.98 | 1,317.87 | -3,296.92 | 2,310.89 | 2,164.29 | 146.60 | 15.763 | | |
| 8,500.00 | 6,840.00 | 8,528.25 | 6,840.00 | 77.04 | 78.83 | 89.98 | 1,318.32 | -3,396.92 | 2,310.86 | 2,159.47 | 151.39 | 15.265 | | |
| 8,600.00 | 6,840.00 | 8,628.25 | 6,840.00 | 79.38 | 81.16 | 89.98 | 1,318.77 | -3,496.92 | 2,310.82 | 2,154.61 | 156.21 | 14.793 | | |
| 8,700.00 | 6,840.00 | 8,728.25 | 6,840.00 | 81.74 | 83.52 | 89.98 | 1,319.21 | -3,596.92 | 2,310.79 | 2,149.71 | 161.08 | 14.345 | | |
| 8,800.00 | 6,840.00 | 8,828.25 | 6,840.00 | 84.12 | 85.90 | 89.98 | 1,319.66 | -3,696.92 | 2,310.76 | 2,144.78 | 165.98 | 13.922 | | |
| 8,900.00 | 6,840.00 | 8,928.25 | 6,840.00 | 86.52 | 88.30 | 89.98 | 1,320.10 | -3,796.92 | 2,310.73 | 2,139.81 | 170.92 | 13.519 | | |
| 9,000.00 | 6,840.00 | 9,028.25 | 6,840.00 | 88.94 | 90.72 | 89.98 | 1,320.55 | -3,896.92 | 2,310.70 | 2,134.81 | 175.88 | 13.138 | | |
| 9,100.00 | 6,840.00 | 9,128.25 | 6,840.00 | 91.38 | 93.15 | 89.98 | 1,321.00 | -3,996.91 | 2,310.67 | 2,129.79 | 180.88 | 12.775 | | |
| 9,200.00 | 6,840.00 | 9,228.25 | 6,840.00 | 93.83 | 95.60 | 89.98 | 1,321.44 | -4,096.91 | 2,310.64 | 2,124.74 | 185.89 | 12.430 | | |
| 9,300.00 | 6,840.00 | 9,328.25 | 6,840.00 | 96.30 | 98.06 | 89.98 | 1,321.89 | -4,196.91 | 2,310.60 | 2,119.67 | 190.94 | 12.102 | | |
| 9,400.00 | 6,840.00 | 9,428.25 | 6,840.00 | 98.79 | 100.54 | 89.98 | 1,322.33 | -4,296.91 | 2,310.57 | 2,114.58 | 196.00 | 11.789 | | |
| 9,500.00 | 6,840.00 | 9,528.25 | 6,840.00 | 101.28 | 103.03 | 89.98 | 1,322.78 | -4,396.91 | 2,310.54 | 2,109.46 | 201.08 | 11.491 | | |
| 9,600.00 | 6,840.00 | 9,628.25 | 6,840.00 | 103.79 | 105.54 | 89.98 | 1,323.23 | -4,496.91 | 2,310.51 | 2,104.33 | 206.18 | 11.206 | | |
| 9,700.00 | 6,840.00 | 9,728.25 | 6,840.00 | 106.30 | 108.05 | 89.98 | 1,323.67 | -4,596.91 | 2,310.48 | 2,099.18 | 211.30 | 10.935 | | |
| 9,800.00 | 6,840.00 | 9,828.25 | 6,840.00 | 108.83 | 110.57 | 89.98 | 1,324.12 | -4,696.91 | 2,310.45 | 2,094.02 | 216.43 | 10.675 | | |
| 9,900.00 | 6,840.00 | 9,928.25 | 6,840.00 | 111.37 | 113.10 | 89.98 | 1,324.56 | -4,796.91 | 2,310.42 | 2,088.84 | 221.58 | 10.427 | | |
| 10,000.00 | 6,840.00 | 10,028.25 | 6,840.00 | 113.91 | 115.64 | 89.98 | 1,325.01 | -4,896.91 | 2,310.38 | 2,083.65 | 226.74 | 10.190 | | |
| 10,100.00 | 6,840.00 | 10,128.25 | 6,840.00 | 116.47 | 118.19 | 89.98 | 1,325.46 | -4,996.90 | 2,310.35 | 2,078.44 | 231.91 | 9.962 | | |
| 10,200.00 | 6,840.00 | 10,228.25 | 6,840.00 | 119.03 | 120.75 | 89.98 | 1,325.90 | -5,096.90 | 2,310.32 | 2,073.23 | 237.10 | 9.744 | | |
| 10,300.00 | 6,840.00 | 10,328.25 | 6,840.00 | 121.59 | 123.31 | 89.98 | 1,326.35 | -5,196.90 | 2,310.29 | 2,068.00 | 242.29 | 9.535 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-06 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 10,428.25 | 6,840.00 | 124.17 | 125.88 | 89.98 | 1,326.79 | -5,296.90 | 2,310.26 | 2,062.76 | 247.50 | 9.334 | | |
| 10,500.00 | 6,840.00 | 10,528.25 | 6,840.00 | 126.75 | 128.46 | 89.98 | 1,327.24 | -5,396.90 | 2,310.23 | 2,057.51 | 252.72 | 9.142 | | |
| 10,600.00 | 6,840.00 | 10,628.25 | 6,840.00 | 129.34 | 131.04 | 89.98 | 1,327.69 | -5,496.90 | 2,310.20 | 2,052.25 | 257.94 | 8.956 | | |
| 10,700.00 | 6,840.00 | 10,728.25 | 6,840.00 | 131.93 | 133.63 | 89.98 | 1,328.13 | -5,596.90 | 2,310.17 | 2,046.99 | 263.18 | 8.778 | | |
| 10,800.00 | 6,840.00 | 10,828.25 | 6,840.00 | 134.53 | 136.22 | 89.98 | 1,328.58 | -5,696.90 | 2,310.13 | 2,041.71 | 268.42 | 8.606 | | |
| 10,900.00 | 6,840.00 | 10,928.25 | 6,840.00 | 137.13 | 138.82 | 89.98 | 1,329.02 | -5,796.90 | 2,310.10 | 2,036.43 | 273.67 | 8.441 | | |
| 11,000.00 | 6,840.00 | 11,028.25 | 6,840.00 | 139.73 | 141.42 | 89.98 | 1,329.47 | -5,896.90 | 2,310.07 | 2,031.14 | 278.93 | 8.282 | | |
| 11,100.00 | 6,840.00 | 11,128.25 | 6,840.00 | 142.35 | 144.03 | 89.98 | 1,329.92 | -5,996.89 | 2,310.04 | 2,025.85 | 284.19 | 8.128 | | |
| 11,200.00 | 6,840.00 | 11,228.25 | 6,840.00 | 144.96 | 146.64 | 89.98 | 1,330.36 | -6,096.89 | 2,310.01 | 2,020.54 | 289.47 | 7.980 | | |
| 11,300.00 | 6,840.00 | 11,328.25 | 6,840.00 | 147.58 | 149.26 | 89.98 | 1,330.81 | -6,196.89 | 2,309.98 | 2,015.24 | 294.74 | 7.837 | | |
| 11,400.00 | 6,840.00 | 11,428.25 | 6,840.00 | 150.20 | 151.88 | 89.98 | 1,331.25 | -6,296.89 | 2,309.95 | 2,009.92 | 300.03 | 7.699 | | |
| 11,500.00 | 6,840.00 | 11,528.25 | 6,840.00 | 152.83 | 154.50 | 89.98 | 1,331.70 | -6,396.89 | 2,309.91 | 2,004.60 | 305.31 | 7.566 | | |
| 11,600.00 | 6,840.00 | 11,628.25 | 6,840.00 | 155.46 | 157.12 | 89.98 | 1,332.15 | -6,496.89 | 2,309.88 | 1,999.28 | 310.61 | 7.437 | | |
| 11,700.00 | 6,840.00 | 11,728.25 | 6,840.00 | 158.09 | 159.75 | 89.98 | 1,332.59 | -6,596.89 | 2,309.85 | 1,993.95 | 315.91 | 7.312 | | |
| 11,800.00 | 6,840.00 | 11,828.25 | 6,840.00 | 160.73 | 162.39 | 89.98 | 1,333.04 | -6,696.89 | 2,309.82 | 1,988.61 | 321.21 | 7.191 | | |
| 11,900.00 | 6,840.00 | 11,928.25 | 6,840.00 | 163.36 | 165.02 | 89.98 | 1,333.48 | -6,796.89 | 2,309.79 | 1,983.27 | 326.52 | 7.074 | | |
| 12,000.00 | 6,840.00 | 12,028.25 | 6,840.00 | 166.01 | 167.66 | 89.98 | 1,333.93 | -6,896.89 | 2,309.76 | 1,977.93 | 331.83 | 6.961 | | |
| 12,100.00 | 6,840.00 | 12,128.25 | 6,840.00 | 168.65 | 170.30 | 89.98 | 1,334.38 | -6,996.88 | 2,309.73 | 1,972.58 | 337.15 | 6.851 | | |
| 12,200.00 | 6,840.00 | 12,228.25 | 6,840.00 | 171.30 | 172.94 | 89.98 | 1,334.82 | -7,096.88 | 2,309.70 | 1,967.23 | 342.47 | 6.744 | | |
| 12,300.00 | 6,840.00 | 12,328.25 | 6,840.00 | 173.94 | 175.59 | 89.98 | 1,335.27 | -7,196.88 | 2,309.66 | 1,961.87 | 347.79 | 6.641 | | |
| 12,400.00 | 6,840.00 | 12,428.25 | 6,840.00 | 176.59 | 178.24 | 89.98 | 1,335.71 | -7,296.88 | 2,309.63 | 1,956.51 | 353.12 | 6.541 | | |
| 12,500.00 | 6,840.00 | 12,528.25 | 6,840.00 | 179.25 | 180.89 | 89.98 | 1,336.16 | -7,396.88 | 2,309.60 | 1,951.15 | 358.45 | 6.443 | | |
| 12,600.00 | 6,840.00 | 12,628.25 | 6,840.00 | 181.90 | 183.54 | 89.98 | 1,336.61 | -7,496.88 | 2,309.57 | 1,945.79 | 363.78 | 6.349 | | |
| 12,700.00 | 6,840.00 | 12,728.25 | 6,840.00 | 184.56 | 186.19 | 89.98 | 1,337.05 | -7,596.88 | 2,309.54 | 1,940.42 | 369.12 | 6.257 | | |
| 12,800.00 | 6,840.00 | 12,828.25 | 6,840.00 | 187.22 | 188.85 | 89.98 | 1,337.50 | -7,696.88 | 2,309.51 | 1,935.05 | 374.46 | 6.168 | | |
| 12,900.00 | 6,840.00 | 12,928.25 | 6,840.00 | 189.88 | 191.50 | 89.98 | 1,337.94 | -7,796.88 | 2,309.48 | 1,929.67 | 379.80 | 6.081 | | |
| 13,000.00 | 6,840.00 | 13,028.25 | 6,840.00 | 192.54 | 194.16 | 89.98 | 1,338.39 | -7,896.88 | 2,309.44 | 1,924.30 | 385.15 | 5.996 | | |
| 13,100.00 | 6,840.00 | 13,128.25 | 6,840.00 | 195.20 | 196.83 | 89.98 | 1,338.84 | -7,996.87 | 2,309.41 | 1,918.92 | 390.50 | 5.914 | | |
| 13,200.00 | 6,840.00 | 13,228.25 | 6,840.00 | 197.87 | 199.49 | 89.98 | 1,339.28 | -8,096.87 | 2,309.38 | 1,913.53 | 395.85 | 5.834 | | |
| 13,300.00 | 6,840.00 | 13,328.25 | 6,840.00 | 200.53 | 202.15 | 89.98 | 1,339.73 | -8,196.87 | 2,309.35 | 1,908.15 | 401.20 | 5.756 | | |
| 13,400.00 | 6,840.00 | 13,428.25 | 6,840.00 | 203.20 | 204.82 | 89.98 | 1,340.17 | -8,296.87 | 2,309.32 | 1,902.76 | 406.56 | 5.680 | | |
| 13,500.00 | 6,840.00 | 13,528.25 | 6,840.00 | 205.87 | 207.49 | 89.98 | 1,340.62 | -8,396.87 | 2,309.29 | 1,897.37 | 411.91 | 5.606 | | |
| 13,600.00 | 6,840.00 | 13,628.25 | 6,840.00 | 208.54 | 210.15 | 89.98 | 1,341.07 | -8,496.87 | 2,309.26 | 1,891.98 | 417.27 | 5.534 | | |
| 13,700.00 | 6,840.00 | 13,728.25 | 6,840.00 | 211.22 | 212.82 | 89.98 | 1,341.51 | -8,596.87 | 2,309.23 | 1,886.59 | 422.63 | 5.464 | | |
| 13,800.00 | 6,840.00 | 13,828.25 | 6,840.00 | 213.89 | 215.49 | 89.98 | 1,341.96 | -8,696.87 | 2,309.19 | 1,881.20 | 428.00 | 5.395 | | |
| 13,900.00 | 6,840.00 | 13,928.25 | 6,840.00 | 216.56 | 218.17 | 89.98 | 1,342.40 | -8,796.87 | 2,309.16 | 1,875.80 | 433.36 | 5.328 | | |
| 14,000.00 | 6,840.00 | 14,028.25 | 6,840.00 | 219.24 | 220.84 | 89.98 | 1,342.85 | -8,896.87 | 2,309.13 | 1,870.40 | 438.73 | 5.263 | | |
| 14,100.00 | 6,840.00 | 14,128.25 | 6,840.00 | 221.92 | 223.52 | 89.98 | 1,343.30 | -8,996.86 | 2,309.10 | 1,865.00 | 444.10 | 5.199 | | |
| 14,200.00 | 6,840.00 | 14,228.25 | 6,840.00 | 224.59 | 226.19 | 89.98 | 1,343.74 | -9,096.86 | 2,309.07 | 1,859.60 | 449.47 | 5.137 | | |
| 14,300.00 | 6,840.00 | 14,328.25 | 6,840.00 | 227.27 | 228.87 | 89.98 | 1,344.19 | -9,196.86 | 2,309.04 | 1,854.19 | 454.84 | 5.077 | | |
| 14,400.00 | 6,840.00 | 14,428.25 | 6,840.00 | 229.95 | 231.55 | 89.98 | 1,344.63 | -9,296.86 | 2,309.01 | 1,848.79 | 460.22 | 5.017 | | |
| 14,500.00 | 6,840.00 | 14,528.25 | 6,840.00 | 232.63 | 234.22 | 89.98 | 1,345.08 | -9,396.86 | 2,308.97 | 1,843.38 | 465.59 | 4.959 | | |
| 14,600.00 | 6,840.00 | 14,628.25 | 6,840.00 | 235.31 | 236.90 | 89.98 | 1,345.53 | -9,496.86 | 2,308.94 | 1,837.97 | 470.97 | 4.903 | | |
| 14,700.00 | 6,840.00 | 14,728.25 | 6,840.00 | 238.00 | 239.58 | 89.98 | 1,345.97 | -9,596.86 | 2,308.91 | 1,832.56 | 476.35 | 4.847 | | |
| 14,800.00 | 6,840.00 | 14,828.25 | 6,840.00 | 240.68 | 242.27 | 89.98 | 1,346.42 | -9,696.86 | 2,308.88 | 1,827.15 | 481.73 | 4.793 | | |
| 14,900.00 | 6,840.00 | 14,928.25 | 6,840.00 | 243.36 | 244.95 | 89.98 | 1,346.86 | -9,796.86 | 2,308.85 | 1,821.74 | 487.11 | 4.740 | | |
| 15,000.00 | 6,840.00 | 15,028.25 | 6,840.00 | 246.05 | 247.63 | 89.98 | 1,347.31 | -9,896.86 | 2,308.82 | 1,816.32 | 492.49 | 4.688 | | |
| 15,100.00 | 6,840.00 | 15,128.25 | 6,840.00 | 248.74 | 250.32 | 89.98 | 1,347.76 | -9,996.85 | 2,308.79 | 1,810.91 | 497.88 | 4.637 | | |
| 15,200.00 | 6,840.00 | 15,228.25 | 6,840.00 | 251.42 | 253.00 | 89.98 | 1,348.20 | -10,096.85 | 2,308.76 | 1,805.49 | 503.26 | 4.588 | | |
| 15,300.00 | 6,840.00 | 15,328.25 | 6,840.00 | 254.11 | 255.69 | 89.98 | 1,348.65 | -10,196.85 | 2,308.72 | 1,800.08 | 508.65 | 4.539 | | |
| 15,400.00 | 6,840.00 | 15,428.25 | 6,840.00 | 256.80 | 258.37 | 89.98 | 1,349.09 | -10,296.85 | 2,308.69 | 1,794.66 | 514.03 | 4.491 | | |
| 15,500.00 | 6,840.00 | 15,528.25 | 6,840.00 | 259.49 | 261.06 | 89.98 | 1,349.54 | -10,396.85 | 2,308.66 | 1,789.24 | 519.42 | 4.445 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-06 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,600.00 | 6,840.00 | 15,628.25 | 6,840.00 | 262.17 | 263.75 | 89.98 | 1,349.99 | -10,496.85 | 2,308.63 | 1,783.82 | 524.81 | 4.399 | | |
| 15,700.00 | 6,840.00 | 15,728.25 | 6,840.00 | 264.86 | 266.44 | 89.98 | 1,350.43 | -10,596.85 | 2,308.60 | 1,778.40 | 530.20 | 4.354 | | |
| 15,800.00 | 6,840.00 | 15,828.25 | 6,840.00 | 267.55 | 269.12 | 89.98 | 1,350.88 | -10,696.85 | 2,308.57 | 1,772.97 | 535.59 | 4.310 | | |
| 15,900.00 | 6,840.00 | 15,928.25 | 6,840.00 | 270.25 | 271.81 | 89.98 | 1,351.32 | -10,796.85 | 2,308.54 | 1,767.55 | 540.99 | 4.267 | | |
| 16,000.00 | 6,840.00 | 16,028.25 | 6,840.00 | 272.94 | 274.50 | 89.98 | 1,351.77 | -10,896.85 | 2,308.50 | 1,762.12 | 546.38 | 4.225 | | |
| 16,100.00 | 6,840.00 | 16,128.25 | 6,840.00 | 275.63 | 277.19 | 89.98 | 1,352.22 | -10,996.84 | 2,308.47 | 1,756.70 | 551.77 | 4.184 | | |
| 16,200.00 | 6,840.00 | 16,228.25 | 6,840.00 | 278.32 | 279.89 | 89.98 | 1,352.66 | -11,096.84 | 2,308.44 | 1,751.27 | 557.17 | 4.143 | | |
| 16,300.00 | 6,840.00 | 16,328.25 | 6,840.00 | 281.02 | 282.58 | 89.98 | 1,353.11 | -11,196.84 | 2,308.41 | 1,745.84 | 562.57 | 4.103 | | |
| 16,400.00 | 6,840.00 | 16,428.25 | 6,840.00 | 283.71 | 285.27 | 89.98 | 1,353.55 | -11,296.84 | 2,308.38 | 1,740.42 | 567.96 | 4.064 | | |
| 16,500.00 | 6,840.00 | 16,528.25 | 6,840.00 | 286.40 | 287.96 | 89.98 | 1,354.00 | -11,396.84 | 2,308.35 | 1,734.99 | 573.36 | 4.026 | | |
| 16,600.00 | 6,840.00 | 16,628.25 | 6,840.00 | 289.10 | 290.66 | 89.98 | 1,354.45 | -11,496.84 | 2,308.32 | 1,729.56 | 578.76 | 3.988 | | |
| 16,700.00 | 6,840.00 | 16,728.25 | 6,840.00 | 291.79 | 293.35 | 89.98 | 1,354.89 | -11,596.84 | 2,308.28 | 1,724.13 | 584.16 | 3.951 | | |
| 16,800.00 | 6,840.00 | 16,828.25 | 6,840.00 | 294.49 | 296.05 | 89.98 | 1,355.34 | -11,696.84 | 2,308.25 | 1,718.70 | 589.56 | 3.915 | | |
| 16,900.00 | 6,840.00 | 16,928.25 | 6,840.00 | 297.19 | 298.74 | 89.98 | 1,355.78 | -11,796.84 | 2,308.22 | 1,713.26 | 594.96 | 3.880 | | |
| 17,000.00 | 6,840.00 | 17,028.25 | 6,840.00 | 299.88 | 301.44 | 89.98 | 1,356.23 | -11,896.84 | 2,308.19 | 1,707.83 | 600.36 | 3.845 | | |
| 17,100.00 | 6,840.00 | 17,128.25 | 6,840.00 | 302.58 | 304.13 | 89.98 | 1,356.68 | -11,996.83 | 2,308.16 | 1,702.40 | 605.76 | 3.810 | | |
| 17,200.00 | 6,840.00 | 17,228.25 | 6,840.00 | 305.28 | 306.83 | 89.98 | 1,357.12 | -12,096.83 | 2,308.13 | 1,696.96 | 611.16 | 3.777 | | |
| 17,300.00 | 6,840.00 | 17,328.25 | 6,840.00 | 307.97 | 309.52 | 89.98 | 1,357.57 | -12,196.83 | 2,308.10 | 1,691.53 | 616.57 | 3.743 | | |
| 17,400.00 | 6,840.00 | 17,428.25 | 6,840.00 | 310.67 | 312.22 | 89.98 | 1,358.01 | -12,296.83 | 2,308.07 | 1,686.09 | 621.97 | 3.711 | | |
| 17,500.00 | 6,840.00 | 17,528.25 | 6,840.00 | 313.37 | 314.92 | 89.98 | 1,358.46 | -12,396.83 | 2,308.03 | 1,680.66 | 627.38 | 3.679 | | |
| 17,600.00 | 6,840.00 | 17,628.25 | 6,840.00 | 316.07 | 317.62 | 89.98 | 1,358.91 | -12,496.83 | 2,308.00 | 1,675.22 | 632.78 | 3.647 | | |
| 17,700.00 | 6,840.00 | 17,728.25 | 6,840.00 | 318.77 | 320.31 | 89.98 | 1,359.35 | -12,596.83 | 2,307.97 | 1,669.78 | 638.19 | 3.616 | | |
| 17,800.00 | 6,840.00 | 17,828.25 | 6,840.00 | 321.47 | 323.01 | 89.98 | 1,359.80 | -12,696.83 | 2,307.94 | 1,664.35 | 643.59 | 3.586 | | |
| 17,900.00 | 6,840.00 | 17,928.25 | 6,840.00 | 324.17 | 325.71 | 89.98 | 1,360.24 | -12,796.83 | 2,307.91 | 1,658.91 | 649.00 | 3.556 | | |
| 18,000.00 | 6,840.00 | 18,028.25 | 6,840.00 | 326.87 | 328.41 | 89.98 | 1,360.69 | -12,896.83 | 2,307.88 | 1,653.47 | 654.41 | 3.527 | | |
| 18,100.00 | 6,840.00 | 18,128.25 | 6,840.00 | 329.57 | 331.11 | 89.98 | 1,361.14 | -12,996.82 | 2,307.85 | 1,648.03 | 659.82 | 3.498 | | |
| 18,200.00 | 6,840.00 | 18,228.25 | 6,840.00 | 332.27 | 333.81 | 89.98 | 1,361.58 | -13,096.82 | 2,307.81 | 1,642.59 | 665.22 | 3.469 | | |
| 18,300.00 | 6,840.00 | 18,328.25 | 6,840.00 | 334.97 | 336.51 | 89.98 | 1,362.03 | -13,196.82 | 2,307.78 | 1,637.15 | 670.63 | 3.441 | | |
| 18,400.00 | 6,840.00 | 18,428.25 | 6,840.00 | 337.67 | 339.21 | 89.98 | 1,362.47 | -13,296.82 | 2,307.75 | 1,631.71 | 676.04 | 3.414 | | |
| 18,500.00 | 6,840.00 | 18,528.25 | 6,840.00 | 340.38 | 341.91 | 89.98 | 1,362.92 | -13,396.82 | 2,307.72 | 1,626.27 | 681.45 | 3.386 | | |
| 18,600.00 | 6,840.00 | 18,628.25 | 6,840.00 | 343.08 | 344.61 | 89.98 | 1,363.37 | -13,496.82 | 2,307.69 | 1,620.83 | 686.86 | 3.360 | | |
| 18,700.00 | 6,840.00 | 18,728.25 | 6,840.00 | 345.78 | 347.32 | 89.98 | 1,363.81 | -13,596.82 | 2,307.66 | 1,615.38 | 692.27 | 3.333 | | |
| 18,800.00 | 6,840.00 | 18,828.25 | 6,840.00 | 348.48 | 350.02 | 89.98 | 1,364.26 | -13,696.82 | 2,307.63 | 1,609.94 | 697.68 | 3.308 | | |
| 18,900.00 | 6,840.00 | 18,928.25 | 6,840.00 | 351.19 | 352.72 | 89.98 | 1,364.70 | -13,796.82 | 2,307.60 | 1,604.50 | 703.10 | 3.282 | | |
| 19,000.00 | 6,840.00 | 19,028.25 | 6,840.00 | 353.89 | 355.42 | 89.98 | 1,365.15 | -13,896.82 | 2,307.56 | 1,599.06 | 708.51 | 3.257 | | |
| 19,100.00 | 6,840.00 | 19,128.25 | 6,840.00 | 356.59 | 358.12 | 89.98 | 1,365.60 | -13,996.81 | 2,307.53 | 1,593.61 | 713.92 | 3.232 | | |
| 19,200.00 | 6,840.00 | 19,228.25 | 6,840.00 | 359.30 | 360.83 | 89.98 | 1,366.04 | -14,096.81 | 2,307.50 | 1,588.17 | 719.33 | 3.208 | | |
| 19,300.00 | 6,840.00 | 19,328.25 | 6,840.00 | 362.00 | 363.53 | 89.98 | 1,366.49 | -14,196.81 | 2,307.47 | 1,582.72 | 724.75 | 3.184 | | |
| 19,400.00 | 6,840.00 | 19,428.25 | 6,840.00 | 364.71 | 366.23 | 89.98 | 1,366.93 | -14,296.81 | 2,307.44 | 1,577.28 | 730.16 | 3.160 | | |
| 19,500.00 | 6,840.00 | 19,528.25 | 6,840.00 | 367.41 | 368.94 | 89.98 | 1,367.38 | -14,396.81 | 2,307.41 | 1,571.83 | 735.58 | 3.137 | | |
| 19,600.00 | 6,840.00 | 19,628.25 | 6,840.00 | 370.11 | 371.64 | 89.98 | 1,367.83 | -14,496.81 | 2,307.38 | 1,566.39 | 740.99 | 3.114 | | |
| 19,700.00 | 6,840.00 | 19,728.25 | 6,840.00 | 372.82 | 374.34 | 89.98 | 1,368.27 | -14,596.81 | 2,307.34 | 1,560.94 | 746.40 | 3.091 | | |
| 19,800.00 | 6,840.00 | 19,828.25 | 6,840.00 | 375.53 | 377.05 | 89.98 | 1,368.72 | -14,696.81 | 2,307.31 | 1,555.49 | 751.82 | 3.069 | | |
| 19,900.00 | 6,840.00 | 19,928.25 | 6,840.00 | 378.23 | 379.75 | 89.98 | 1,369.16 | -14,796.81 | 2,307.28 | 1,550.05 | 757.24 | 3.047 | | |
| 20,000.00 | 6,840.00 | 20,028.25 | 6,840.00 | 380.94 | 382.46 | 89.98 | 1,369.61 | -14,896.81 | 2,307.25 | 1,544.60 | 762.65 | 3.025 | | |
| 20,100.00 | 6,840.00 | 20,128.25 | 6,840.00 | 383.64 | 385.16 | 89.98 | 1,370.06 | -14,996.80 | 2,307.22 | 1,539.15 | 768.07 | 3.004 | | |
| 20,200.00 | 6,840.00 | 20,228.25 | 6,840.00 | 386.35 | 387.87 | 89.98 | 1,370.50 | -15,096.80 | 2,307.19 | 1,533.70 | 773.48 | 2.983 | | |
| 20,300.00 | 6,840.00 | 20,328.25 | 6,840.00 | 389.05 | 390.57 | 89.98 | 1,370.95 | -15,196.80 | 2,307.16 | 1,528.25 | 778.90 | 2.962 | | |
| 20,400.00 | 6,840.00 | 20,428.25 | 6,840.00 | 391.76 | 393.28 | 89.98 | 1,371.39 | -15,296.80 | 2,307.13 | 1,522.81 | 784.32 | 2.942 | | |
| 20,442.82 | 6,840.00 | 20,471.07 | 6,840.00 | 392.92 | 394.44 | 89.98 | 1,371.59 | -15,339.62 | 2,307.11 | 1,520.47 | 786.64 | 2.933 SF | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-07 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 135.52 | 0.28 | 135.52 | | | | | |
| 100.00 | 100.00 | 100.00 | 100.00 | 0.13 | 0.13 | 0.12 | 135.52 | 0.28 | 135.52 | 135.25 | 0.27 | 504.070 | | |
| 200.00 | 200.00 | 200.00 | 200.00 | 0.49 | 0.49 | 0.12 | 135.52 | 0.28 | 135.52 | 134.54 | 0.99 | 137.474 | | |
| 300.00 | 300.00 | 300.00 | 300.00 | 0.85 | 0.85 | 0.12 | 135.52 | 0.28 | 135.52 | 133.82 | 1.70 | 79.590 | | |
| 400.00 | 400.00 | 400.00 | 400.00 | 1.21 | 1.21 | 0.12 | 135.52 | 0.28 | 135.52 | 133.10 | 2.42 | 56.008 | | |
| 500.00 | 500.00 | 500.00 | 500.00 | 1.57 | 1.57 | 0.12 | 135.52 | 0.28 | 135.52 | 132.38 | 3.14 | 43.206 CC, ES | | |
| 600.00 | 599.98 | 600.02 | 599.98 | 1.92 | 1.93 | 116.56 | 135.52 | 0.28 | 136.29 | 132.45 | 3.84 | 35.472 | | |
| 700.00 | 699.84 | 699.84 | 699.84 | 2.26 | 2.28 | 118.45 | 135.52 | 0.28 | 138.71 | 134.17 | 4.54 | 30.526 | | |
| 800.00 | 799.45 | 798.02 | 798.00 | 2.62 | 2.63 | 120.74 | 136.16 | -1.27 | 143.57 | 138.32 | 5.25 | 27.360 | | |
| 900.00 | 898.70 | 896.17 | 896.01 | 2.99 | 2.98 | 122.69 | 138.07 | -5.93 | 151.44 | 145.48 | 5.96 | 25.400 | | |
| 1,000.00 | 997.47 | 994.16 | 993.64 | 3.39 | 3.33 | 124.24 | 141.24 | -13.68 | 162.24 | 155.54 | 6.70 | 24.221 | | |
| 1,100.00 | 1,095.62 | 1,091.89 | 1,090.66 | 3.81 | 3.70 | 125.36 | 145.66 | -24.49 | 175.89 | 168.43 | 7.46 | 23.571 | | |
| 1,200.00 | 1,193.06 | 1,189.24 | 1,186.86 | 4.27 | 4.07 | 126.11 | 151.31 | -38.29 | 192.31 | 184.04 | 8.26 | 23.278 | | |
| 1,300.00 | 1,289.64 | 1,286.11 | 1,282.03 | 4.77 | 4.47 | 126.51 | 158.16 | -55.01 | 211.42 | 202.32 | 9.10 | 23.223 | | |
| 1,400.00 | 1,385.27 | 1,382.41 | 1,375.97 | 5.31 | 4.90 | 126.64 | 166.18 | -74.58 | 233.18 | 223.18 | 10.00 | 23.321 | | |
| 1,500.00 | 1,479.82 | 1,478.03 | 1,468.50 | 5.91 | 5.35 | 126.54 | 175.31 | -96.89 | 257.52 | 246.57 | 10.95 | 23.510 | | |
| 1,600.00 | 1,573.19 | 1,572.90 | 1,559.45 | 6.55 | 5.84 | 126.34 | 185.53 | -121.84 | 284.37 | 272.39 | 11.98 | 23.744 | | |
| 1,700.00 | 1,666.16 | 1,667.28 | 1,649.00 | 7.23 | 6.37 | 126.06 | 196.82 | -149.41 | 312.38 | 299.32 | 13.06 | 23.921 | | |
| 1,800.00 | 1,759.13 | 1,761.17 | 1,737.07 | 7.93 | 6.94 | 125.29 | 209.15 | -179.53 | 340.95 | 326.75 | 14.20 | 24.005 | | |
| 1,900.00 | 1,852.10 | 1,856.03 | 1,825.20 | 8.64 | 7.55 | 124.26 | 222.45 | -212.00 | 370.03 | 354.61 | 15.42 | 24.001 | | |
| 2,000.00 | 1,945.06 | 1,951.49 | 1,913.84 | 9.35 | 8.20 | 123.35 | 235.88 | -244.80 | 399.23 | 382.56 | 16.67 | 23.946 | | |
| 2,100.00 | 2,038.03 | 2,046.96 | 2,002.48 | 10.08 | 8.86 | 122.57 | 249.31 | -277.59 | 428.51 | 410.56 | 17.95 | 23.872 | | |
| 2,200.00 | 2,131.00 | 2,142.42 | 2,091.12 | 10.81 | 9.53 | 121.88 | 262.74 | -310.39 | 457.86 | 438.61 | 19.25 | 23.788 | | |
| 2,300.00 | 2,223.97 | 2,237.88 | 2,179.76 | 11.54 | 10.22 | 121.28 | 276.17 | -343.19 | 487.25 | 466.69 | 20.56 | 23.700 | | |
| 2,400.00 | 2,316.94 | 2,333.34 | 2,268.40 | 12.28 | 10.91 | 120.75 | 289.60 | -375.99 | 516.70 | 494.81 | 21.88 | 23.611 | | |
| 2,500.00 | 2,409.90 | 2,428.81 | 2,357.04 | 13.02 | 11.61 | 120.27 | 303.03 | -408.79 | 546.17 | 522.96 | 23.22 | 23.523 | | |
| 2,600.00 | 2,502.87 | 2,524.27 | 2,445.68 | 13.77 | 12.31 | 119.84 | 316.46 | -441.58 | 575.68 | 551.12 | 24.56 | 23.439 | | |
| 2,700.00 | 2,595.84 | 2,619.73 | 2,534.32 | 14.51 | 13.02 | 119.46 | 329.90 | -474.38 | 605.22 | 579.31 | 25.91 | 23.358 | | |
| 2,800.00 | 2,688.81 | 2,715.20 | 2,622.96 | 15.26 | 13.73 | 119.11 | 343.33 | -507.18 | 634.78 | 607.51 | 27.27 | 23.280 | | |
| 2,900.00 | 2,781.77 | 2,810.66 | 2,711.60 | 16.01 | 14.45 | 118.79 | 356.76 | -539.98 | 664.36 | 635.73 | 28.63 | 23.207 | | |
| 3,000.00 | 2,874.74 | 2,906.12 | 2,800.24 | 16.76 | 15.17 | 118.49 | 370.19 | -572.78 | 693.95 | 663.96 | 29.99 | 23.138 | | |
| 3,100.00 | 2,967.71 | 3,001.58 | 2,888.88 | 17.52 | 15.89 | 118.23 | 383.62 | -605.57 | 723.56 | 692.20 | 31.36 | 23.072 | | |
| 3,200.00 | 3,060.68 | 3,102.95 | 2,977.52 | 18.27 | 16.65 | 117.98 | 397.05 | -638.37 | 753.19 | 720.41 | 32.78 | 22.979 | | |
| 3,300.00 | 3,153.65 | 3,192.51 | 3,066.16 | 19.03 | 17.33 | 117.75 | 410.48 | -671.17 | 782.82 | 748.71 | 34.11 | 22.951 | | |
| 3,400.00 | 3,246.61 | 3,287.97 | 3,154.80 | 19.78 | 18.06 | 117.54 | 423.91 | -703.97 | 812.47 | 776.98 | 35.49 | 22.896 | | |
| 3,500.00 | 3,339.58 | 3,383.44 | 3,243.44 | 20.54 | 18.79 | 117.34 | 437.34 | -736.76 | 842.12 | 805.26 | 36.86 | 22.844 | | |
| 3,600.00 | 3,432.55 | 3,478.90 | 3,332.08 | 21.30 | 19.52 | 117.16 | 450.77 | -769.56 | 871.79 | 833.54 | 38.25 | 22.794 | | |
| 3,700.00 | 3,525.52 | 3,574.36 | 3,420.72 | 22.06 | 20.25 | 116.99 | 464.20 | -802.36 | 901.46 | 861.83 | 39.63 | 22.747 | | |
| 3,800.00 | 3,618.49 | 3,669.82 | 3,509.36 | 22.82 | 20.98 | 116.83 | 477.63 | -835.16 | 931.14 | 890.13 | 41.01 | 22.703 | | |
| 3,900.00 | 3,711.45 | 3,765.29 | 3,598.00 | 23.57 | 21.72 | 116.68 | 491.07 | -867.96 | 960.82 | 918.42 | 42.40 | 22.661 | | |
| 4,000.00 | 3,804.42 | 3,860.75 | 3,686.64 | 24.33 | 22.45 | 116.54 | 504.50 | -900.75 | 990.52 | 946.73 | 43.79 | 22.621 | | |
| 4,100.00 | 3,897.39 | 3,956.21 | 3,775.28 | 25.09 | 23.18 | 116.40 | 517.93 | -933.55 | 1,020.21 | 975.03 | 45.18 | 22.583 | | |
| 4,200.00 | 3,990.36 | 4,051.68 | 3,863.92 | 25.86 | 23.92 | 116.28 | 531.36 | -966.35 | 1,049.91 | 1,003.35 | 46.57 | 22.547 | | |
| 4,300.00 | 4,083.32 | 4,147.14 | 3,952.56 | 26.62 | 24.65 | 116.16 | 544.79 | -999.15 | 1,079.62 | 1,031.66 | 47.96 | 22.512 | | |
| 4,400.00 | 4,176.29 | 4,242.60 | 4,041.21 | 27.38 | 25.39 | 116.05 | 558.22 | -1,031.95 | 1,109.33 | 1,059.98 | 49.35 | 22.479 | | |
| 4,500.00 | 4,269.26 | 4,338.07 | 4,129.85 | 28.14 | 26.13 | 115.94 | 571.65 | -1,064.74 | 1,139.04 | 1,088.30 | 50.74 | 22.448 | | |
| 4,600.00 | 4,362.23 | 4,433.53 | 4,218.49 | 28.90 | 26.86 | 115.84 | 585.08 | -1,097.54 | 1,168.76 | 1,116.62 | 52.13 | 22.418 | | |
| 4,700.00 | 4,455.20 | 4,528.99 | 4,307.13 | 29.66 | 27.60 | 115.74 | 598.51 | -1,130.34 | 1,198.47 | 1,144.95 | 53.53 | 22.390 | | |
| 4,800.00 | 4,548.16 | 4,624.45 | 4,395.77 | 30.43 | 28.34 | 115.65 | 611.94 | -1,163.14 | 1,228.20 | 1,173.27 | 54.92 | 22.362 | | |
| 4,900.00 | 4,641.13 | 4,719.92 | 4,484.41 | 31.19 | 29.08 | 115.56 | 625.37 | -1,195.93 | 1,257.92 | 1,201.60 | 56.32 | 22.336 | | |
| 5,000.00 | 4,734.10 | 4,815.38 | 4,573.05 | 31.95 | 29.82 | 115.48 | 638.80 | -1,228.73 | 1,287.65 | 1,229.94 | 57.71 | 22.311 | | |
| 5,100.00 | 4,827.07 | 4,910.84 | 4,661.69 | 32.71 | 30.56 | 115.40 | 652.23 | -1,261.53 | 1,317.38 | 1,258.27 | 59.11 | 22.287 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-07 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 5,006.31 | 4,750.33 | 33.48 | 31.30 | 115.32 | 665.67 | -1,294.33 | 1,347.11 | 1,286.60 | 60.51 | 22.264 | | |
| 5,300.00 | 5,013.00 | 5,101.77 | 4,838.97 | 34.24 | 32.04 | 115.25 | 679.10 | -1,327.13 | 1,376.84 | 1,314.94 | 61.90 | 22.242 | | |
| 5,400.00 | 5,105.97 | 5,202.77 | 4,927.61 | 35.00 | 32.82 | 115.18 | 692.53 | -1,359.92 | 1,406.58 | 1,343.24 | 63.34 | 22.206 | | |
| 5,500.00 | 5,198.94 | 5,307.31 | 5,016.25 | 35.77 | 33.63 | 115.12 | 705.96 | -1,392.72 | 1,436.32 | 1,371.51 | 64.81 | 22.163 | | |
| 5,600.00 | 5,291.91 | 5,388.16 | 5,104.89 | 36.53 | 34.26 | 115.05 | 719.39 | -1,425.52 | 1,466.06 | 1,399.96 | 66.10 | 22.180 | | |
| 5,700.00 | 5,384.87 | 5,483.62 | 5,193.53 | 37.29 | 35.00 | 114.99 | 732.82 | -1,458.32 | 1,495.80 | 1,428.30 | 67.50 | 22.162 | | |
| 5,800.00 | 5,477.84 | 5,579.08 | 5,282.17 | 38.06 | 35.74 | 114.93 | 746.25 | -1,491.12 | 1,525.54 | 1,456.65 | 68.89 | 22.143 | | |
| 5,900.00 | 5,570.81 | 5,674.55 | 5,370.81 | 38.82 | 36.48 | 114.87 | 759.68 | -1,523.91 | 1,555.29 | 1,484.99 | 70.29 | 22.126 | | |
| 6,000.00 | 5,663.78 | 5,770.01 | 5,459.45 | 39.59 | 37.22 | 114.82 | 773.11 | -1,556.71 | 1,585.03 | 1,513.34 | 71.69 | 22.109 | | |
| 6,100.00 | 5,756.75 | 5,865.47 | 5,548.09 | 40.35 | 37.96 | 114.77 | 786.54 | -1,589.51 | 1,614.78 | 1,541.68 | 73.09 | 22.092 | | |
| 6,200.00 | 5,849.71 | 5,960.93 | 5,636.73 | 41.12 | 38.71 | 114.72 | 799.97 | -1,622.31 | 1,644.53 | 1,570.03 | 74.49 | 22.076 | | |
| 6,300.00 | 5,942.68 | 6,056.40 | 5,725.37 | 41.88 | 39.45 | 114.67 | 813.40 | -1,655.10 | 1,674.27 | 1,598.38 | 75.89 | 22.061 | | |
| 6,400.00 | 6,035.65 | 6,151.86 | 5,814.01 | 42.64 | 40.19 | 114.62 | 826.83 | -1,687.90 | 1,704.02 | 1,626.73 | 77.29 | 22.046 | | |
| 6,500.00 | 6,128.62 | 6,247.32 | 5,902.65 | 43.41 | 40.93 | 114.57 | 840.27 | -1,720.70 | 1,733.78 | 1,655.08 | 78.70 | 22.031 | | |
| 6,600.00 | 6,221.59 | 6,342.79 | 5,991.29 | 44.17 | 41.67 | 114.53 | 853.70 | -1,753.50 | 1,763.53 | 1,683.43 | 80.10 | 22.018 | | |
| 6,700.00 | 6,314.55 | 6,438.25 | 6,079.93 | 44.94 | 42.42 | 114.49 | 867.13 | -1,786.30 | 1,793.28 | 1,711.78 | 81.50 | 22.004 | | |
| 6,800.00 | 6,407.52 | 6,533.71 | 6,168.57 | 45.70 | 43.16 | 114.45 | 880.56 | -1,819.09 | 1,823.03 | 1,740.14 | 82.90 | 21.991 | | |
| 6,900.00 | 6,499.98 | 6,629.19 | 6,257.22 | 46.49 | 43.90 | 109.08 | 893.99 | -1,851.90 | 1,852.70 | 1,768.38 | 84.32 | 21.972 | | |
| 7,000.00 | 6,586.50 | 6,723.80 | 6,345.07 | 47.49 | 44.64 | 100.47 | 907.30 | -1,884.40 | 1,881.23 | 1,795.28 | 85.95 | 21.889 | | |
| 7,100.00 | 6,663.58 | 6,814.87 | 6,429.64 | 48.75 | 45.35 | 95.31 | 920.11 | -1,915.69 | 1,908.01 | 1,820.23 | 87.78 | 21.737 | | |
| 7,200.00 | 6,728.87 | 6,920.63 | 6,526.50 | 50.23 | 46.24 | 92.30 | 934.81 | -1,955.33 | 1,932.77 | 1,842.64 | 90.13 | 21.445 | | |
| 7,300.00 | 6,780.38 | 7,060.09 | 6,641.22 | 51.91 | 47.85 | 90.75 | 952.35 | -2,032.05 | 1,953.88 | 1,860.22 | 93.67 | 20.860 | | |
| 7,400.00 | 6,816.56 | 7,224.64 | 6,748.23 | 53.74 | 50.41 | 90.09 | 968.94 | -2,155.19 | 1,969.86 | 1,871.38 | 98.48 | 20.003 | | |
| 7,500.00 | 6,836.29 | 7,414.16 | 6,822.90 | 55.65 | 54.00 | 89.97 | 980.91 | -2,328.03 | 1,979.19 | 1,874.70 | 104.49 | 18.941 | | |
| 7,600.00 | 6,840.00 | 7,585.80 | 6,840.00 | 57.58 | 57.48 | 90.00 | 984.25 | -2,498.23 | 1,981.08 | 1,870.78 | 110.30 | 17.961 | | |
| 7,700.00 | 6,840.00 | 7,685.80 | 6,840.00 | 59.56 | 59.55 | 90.00 | 984.71 | -2,598.23 | 1,981.06 | 1,866.52 | 114.54 | 17.296 | | |
| 7,800.00 | 6,840.00 | 7,785.80 | 6,840.00 | 61.60 | 61.66 | 90.00 | 985.16 | -2,698.23 | 1,981.03 | 1,862.16 | 118.88 | 16.665 | | |
| 7,900.00 | 6,840.00 | 7,885.80 | 6,840.00 | 63.69 | 63.83 | 90.00 | 985.61 | -2,798.23 | 1,981.01 | 1,857.71 | 123.30 | 16.066 | | |
| 8,000.00 | 6,840.00 | 7,985.80 | 6,840.00 | 65.82 | 66.03 | 90.00 | 986.07 | -2,898.23 | 1,980.99 | 1,853.18 | 127.80 | 15.500 | | |
| 8,100.00 | 6,840.00 | 8,085.80 | 6,840.00 | 67.99 | 68.27 | 90.00 | 986.52 | -2,998.23 | 1,980.97 | 1,848.59 | 132.38 | 14.964 | | |
| 8,200.00 | 6,840.00 | 8,185.80 | 6,840.00 | 70.21 | 70.54 | 90.00 | 986.98 | -3,098.23 | 1,980.94 | 1,843.93 | 137.01 | 14.458 | | |
| 8,300.00 | 6,840.00 | 8,285.80 | 6,840.00 | 72.45 | 72.85 | 90.00 | 987.43 | -3,198.23 | 1,980.92 | 1,839.21 | 141.71 | 13.979 | | |
| 8,400.00 | 6,840.00 | 8,385.80 | 6,840.00 | 74.73 | 75.18 | 90.00 | 987.89 | -3,298.22 | 1,980.90 | 1,834.44 | 146.45 | 13.526 | | |
| 8,500.00 | 6,840.00 | 8,485.80 | 6,840.00 | 77.04 | 77.53 | 90.00 | 988.34 | -3,398.22 | 1,980.87 | 1,829.63 | 151.25 | 13.097 | | |
| 8,600.00 | 6,840.00 | 8,585.80 | 6,840.00 | 79.38 | 79.91 | 90.00 | 988.80 | -3,498.22 | 1,980.85 | 1,824.77 | 156.08 | 12.691 | | |
| 8,700.00 | 6,840.00 | 8,685.80 | 6,840.00 | 81.74 | 82.32 | 90.00 | 989.25 | -3,598.22 | 1,980.83 | 1,819.87 | 160.96 | 12.307 | | |
| 8,800.00 | 6,840.00 | 8,785.80 | 6,840.00 | 84.12 | 84.74 | 90.00 | 989.71 | -3,698.22 | 1,980.81 | 1,814.94 | 165.86 | 11.942 | | |
| 8,900.00 | 6,840.00 | 8,885.80 | 6,840.00 | 86.52 | 87.17 | 90.00 | 990.16 | -3,798.22 | 1,980.78 | 1,809.98 | 170.81 | 11.597 | | |
| 9,000.00 | 6,840.00 | 8,985.80 | 6,840.00 | 88.94 | 89.63 | 90.00 | 990.61 | -3,898.22 | 1,980.76 | 1,804.98 | 175.78 | 11.269 | | |
| 9,100.00 | 6,840.00 | 9,085.80 | 6,840.00 | 91.38 | 92.10 | 90.00 | 991.07 | -3,998.22 | 1,980.74 | 1,799.96 | 180.77 | 10.957 | | |
| 9,200.00 | 6,840.00 | 9,185.80 | 6,840.00 | 93.83 | 94.58 | 90.00 | 991.52 | -4,098.22 | 1,980.71 | 1,794.92 | 185.80 | 10.661 | | |
| 9,300.00 | 6,840.00 | 9,285.80 | 6,840.00 | 96.30 | 97.08 | 90.00 | 991.98 | -4,198.22 | 1,980.69 | 1,789.85 | 190.84 | 10.379 | | |
| 9,400.00 | 6,840.00 | 9,385.80 | 6,840.00 | 98.79 | 99.59 | 90.00 | 992.43 | -4,298.21 | 1,980.67 | 1,784.76 | 195.91 | 10.110 | | |
| 9,500.00 | 6,840.00 | 9,485.80 | 6,840.00 | 101.28 | 102.10 | 90.00 | 992.89 | -4,398.21 | 1,980.65 | 1,779.65 | 200.99 | 9.854 | | |
| 9,600.00 | 6,840.00 | 9,585.80 | 6,840.00 | 103.79 | 104.63 | 90.00 | 993.34 | -4,498.21 | 1,980.62 | 1,774.53 | 206.10 | 9.610 | | |
| 9,700.00 | 6,840.00 | 9,685.80 | 6,840.00 | 106.30 | 107.17 | 90.00 | 993.80 | -4,598.21 | 1,980.60 | 1,769.38 | 211.22 | 9.377 | | |
| 9,800.00 | 6,840.00 | 9,785.80 | 6,840.00 | 108.83 | 109.72 | 90.00 | 994.25 | -4,698.21 | 1,980.58 | 1,764.22 | 216.35 | 9.154 | | |
| 9,900.00 | 6,840.00 | 9,885.80 | 6,840.00 | 111.37 | 112.27 | 90.00 | 994.71 | -4,798.21 | 1,980.55 | 1,759.05 | 221.50 | 8.941 | | |
| 10,000.00 | 6,840.00 | 9,985.80 | 6,840.00 | 113.91 | 114.84 | 90.00 | 995.16 | -4,898.21 | 1,980.53 | 1,753.86 | 226.67 | 8.738 | | |
| 10,100.00 | 6,840.00 | 10,085.80 | 6,840.00 | 116.47 | 117.41 | 90.00 | 995.61 | -4,998.21 | 1,980.51 | 1,748.66 | 231.84 | 8.542 | | |
| 10,200.00 | 6,840.00 | 10,185.80 | 6,840.00 | 119.03 | 119.98 | 90.00 | 996.07 | -5,098.21 | 1,980.49 | 1,743.45 | 237.03 | 8.355 | | |
| 10,300.00 | 6,840.00 | 10,285.80 | 6,840.00 | 121.59 | 122.57 | 90.00 | 996.52 | -5,198.21 | 1,980.46 | 1,738.23 | 242.23 | 8.176 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-07 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 10,385.80 | 6,840.00 | 124.17 | 125.16 | 90.00 | 996.98 | -5,298.20 | 1,980.44 | 1,733.00 | 247.44 | 8.004 | | |
| 10,500.00 | 6,840.00 | 10,485.80 | 6,840.00 | 126.75 | 127.75 | 90.00 | 997.43 | -5,398.20 | 1,980.42 | 1,727.75 | 252.66 | 7.838 | | |
| 10,600.00 | 6,840.00 | 10,585.80 | 6,840.00 | 129.34 | 130.35 | 90.00 | 997.89 | -5,498.20 | 1,980.39 | 1,722.50 | 257.89 | 7.679 | | |
| 10,700.00 | 6,840.00 | 10,685.80 | 6,840.00 | 131.93 | 132.96 | 90.00 | 998.34 | -5,598.20 | 1,980.37 | 1,717.24 | 263.13 | 7.526 | | |
| 10,800.00 | 6,840.00 | 10,785.80 | 6,840.00 | 134.53 | 135.56 | 90.00 | 998.80 | -5,698.20 | 1,980.35 | 1,711.98 | 268.37 | 7.379 | | |
| 10,900.00 | 6,840.00 | 10,885.80 | 6,840.00 | 137.13 | 138.18 | 90.00 | 999.25 | -5,798.20 | 1,980.33 | 1,706.70 | 273.63 | 7.237 | | |
| 11,000.00 | 6,840.00 | 10,985.80 | 6,840.00 | 139.73 | 140.80 | 90.00 | 999.70 | -5,898.20 | 1,980.30 | 1,701.42 | 278.89 | 7.101 | | |
| 11,100.00 | 6,840.00 | 11,085.80 | 6,840.00 | 142.35 | 143.42 | 90.00 | 1,000.16 | -5,998.20 | 1,980.28 | 1,696.13 | 284.15 | 6.969 | | |
| 11,200.00 | 6,840.00 | 11,185.80 | 6,840.00 | 144.96 | 146.04 | 90.00 | 1,000.61 | -6,098.20 | 1,980.26 | 1,690.83 | 289.43 | 6.842 | | |
| 11,300.00 | 6,840.00 | 11,285.80 | 6,840.00 | 147.58 | 148.67 | 90.00 | 1,001.07 | -6,198.19 | 1,980.23 | 1,685.53 | 294.71 | 6.719 | | |
| 11,400.00 | 6,840.00 | 11,385.80 | 6,840.00 | 150.20 | 151.30 | 90.00 | 1,001.52 | -6,298.19 | 1,980.21 | 1,680.22 | 299.99 | 6.601 | | |
| 11,500.00 | 6,840.00 | 11,485.80 | 6,840.00 | 152.83 | 153.94 | 90.00 | 1,001.98 | -6,398.19 | 1,980.19 | 1,674.91 | 305.28 | 6.486 | | |
| 11,600.00 | 6,840.00 | 11,585.80 | 6,840.00 | 155.46 | 156.57 | 90.00 | 1,002.43 | -6,498.19 | 1,980.17 | 1,669.59 | 310.58 | 6.376 | | |
| 11,700.00 | 6,840.00 | 11,685.80 | 6,840.00 | 158.09 | 159.21 | 90.00 | 1,002.89 | -6,598.19 | 1,980.14 | 1,664.27 | 315.88 | 6.269 | | |
| 11,800.00 | 6,840.00 | 11,785.80 | 6,840.00 | 160.73 | 161.86 | 90.00 | 1,003.34 | -6,698.19 | 1,980.12 | 1,658.94 | 321.18 | 6.165 | | |
| 11,900.00 | 6,840.00 | 11,885.80 | 6,840.00 | 163.36 | 164.50 | 90.00 | 1,003.80 | -6,798.19 | 1,980.10 | 1,653.61 | 326.49 | 6.065 | | |
| 12,000.00 | 6,840.00 | 11,985.80 | 6,840.00 | 166.01 | 167.15 | 90.00 | 1,004.25 | -6,898.19 | 1,980.08 | 1,648.27 | 331.81 | 5.968 | | |
| 12,100.00 | 6,840.00 | 12,085.80 | 6,840.00 | 168.65 | 169.80 | 90.00 | 1,004.70 | -6,998.19 | 1,980.05 | 1,642.93 | 337.12 | 5.873 | | |
| 12,200.00 | 6,840.00 | 12,185.80 | 6,840.00 | 171.30 | 172.45 | 90.00 | 1,005.16 | -7,098.19 | 1,980.03 | 1,637.58 | 342.45 | 5.782 | | |
| 12,300.00 | 6,840.00 | 12,285.80 | 6,840.00 | 173.94 | 175.11 | 90.00 | 1,005.61 | -7,198.18 | 1,980.01 | 1,632.24 | 347.77 | 5.693 | | |
| 12,400.00 | 6,840.00 | 12,385.80 | 6,840.00 | 176.59 | 177.77 | 90.00 | 1,006.07 | -7,298.18 | 1,979.98 | 1,626.88 | 353.10 | 5.607 | | |
| 12,500.00 | 6,840.00 | 12,485.80 | 6,840.00 | 179.25 | 180.42 | 90.00 | 1,006.52 | -7,398.18 | 1,979.96 | 1,621.53 | 358.43 | 5.524 | | |
| 12,600.00 | 6,840.00 | 12,585.80 | 6,840.00 | 181.90 | 183.08 | 90.00 | 1,006.98 | -7,498.18 | 1,979.94 | 1,616.17 | 363.77 | 5.443 | | |
| 12,700.00 | 6,840.00 | 12,685.80 | 6,840.00 | 184.56 | 185.75 | 90.00 | 1,007.43 | -7,598.18 | 1,979.92 | 1,610.81 | 369.11 | 5.364 | | |
| 12,800.00 | 6,840.00 | 12,785.80 | 6,840.00 | 187.22 | 188.41 | 90.00 | 1,007.89 | -7,698.18 | 1,979.89 | 1,605.45 | 374.45 | 5.288 | | |
| 12,900.00 | 6,840.00 | 12,885.80 | 6,840.00 | 189.88 | 191.08 | 90.00 | 1,008.34 | -7,798.18 | 1,979.87 | 1,600.08 | 379.79 | 5.213 | | |
| 13,000.00 | 6,840.00 | 12,985.80 | 6,840.00 | 192.54 | 193.74 | 90.00 | 1,008.80 | -7,898.18 | 1,979.85 | 1,594.71 | 385.14 | 5.141 | | |
| 13,100.00 | 6,840.00 | 13,085.80 | 6,840.00 | 195.20 | 196.41 | 90.00 | 1,009.25 | -7,998.18 | 1,979.82 | 1,589.34 | 390.49 | 5.070 | | |
| 13,200.00 | 6,840.00 | 13,185.80 | 6,840.00 | 197.87 | 199.08 | 90.00 | 1,009.70 | -8,098.18 | 1,979.80 | 1,583.96 | 395.84 | 5.002 | | |
| 13,300.00 | 6,840.00 | 13,285.80 | 6,840.00 | 200.53 | 201.75 | 90.00 | 1,010.16 | -8,198.17 | 1,979.78 | 1,578.59 | 401.19 | 4.935 | | |
| 13,400.00 | 6,840.00 | 13,385.80 | 6,840.00 | 203.20 | 204.42 | 90.00 | 1,010.61 | -8,298.17 | 1,979.76 | 1,573.21 | 406.55 | 4.870 | | |
| 13,500.00 | 6,840.00 | 13,485.80 | 6,840.00 | 205.87 | 207.10 | 90.00 | 1,011.07 | -8,398.17 | 1,979.73 | 1,567.82 | 411.91 | 4.806 | | |
| 13,600.00 | 6,840.00 | 13,585.80 | 6,840.00 | 208.54 | 209.77 | 90.00 | 1,011.52 | -8,498.17 | 1,979.71 | 1,562.44 | 417.27 | 4.744 | | |
| 13,700.00 | 6,840.00 | 13,685.80 | 6,840.00 | 211.22 | 212.45 | 90.00 | 1,011.98 | -8,598.17 | 1,979.69 | 1,557.06 | 422.63 | 4.684 | | |
| 13,800.00 | 6,840.00 | 13,785.80 | 6,840.00 | 213.89 | 215.13 | 90.00 | 1,012.43 | -8,698.17 | 1,979.66 | 1,551.67 | 428.00 | 4.625 | | |
| 13,900.00 | 6,840.00 | 13,885.80 | 6,840.00 | 216.56 | 217.80 | 90.00 | 1,012.89 | -8,798.17 | 1,979.64 | 1,546.28 | 433.36 | 4.568 | | |
| 14,000.00 | 6,840.00 | 13,985.80 | 6,840.00 | 219.24 | 220.48 | 90.00 | 1,013.34 | -8,898.17 | 1,979.62 | 1,540.89 | 438.73 | 4.512 | | |
| 14,100.00 | 6,840.00 | 14,085.80 | 6,840.00 | 221.92 | 223.16 | 90.00 | 1,013.79 | -8,998.17 | 1,979.60 | 1,535.50 | 444.10 | 4.458 | | |
| 14,200.00 | 6,840.00 | 14,185.80 | 6,840.00 | 224.59 | 225.84 | 90.00 | 1,014.25 | -9,098.16 | 1,979.57 | 1,530.10 | 449.47 | 4.404 | | |
| 14,300.00 | 6,840.00 | 14,285.80 | 6,840.00 | 227.27 | 228.53 | 90.00 | 1,014.70 | -9,198.16 | 1,979.55 | 1,524.70 | 454.85 | 4.352 | | |
| 14,400.00 | 6,840.00 | 14,385.80 | 6,840.00 | 229.95 | 231.21 | 90.00 | 1,015.16 | -9,298.16 | 1,979.53 | 1,519.31 | 460.22 | 4.301 | | |
| 14,500.00 | 6,840.00 | 14,485.80 | 6,840.00 | 232.63 | 233.89 | 90.00 | 1,015.61 | -9,398.16 | 1,979.50 | 1,513.91 | 465.60 | 4.252 | | |
| 14,600.00 | 6,840.00 | 14,585.80 | 6,840.00 | 235.31 | 236.58 | 90.00 | 1,016.07 | -9,498.16 | 1,979.48 | 1,508.51 | 470.97 | 4.203 | | |
| 14,700.00 | 6,840.00 | 14,685.80 | 6,840.00 | 238.00 | 239.26 | 90.00 | 1,016.52 | -9,598.16 | 1,979.46 | 1,503.10 | 476.35 | 4.155 | | |
| 14,800.00 | 6,840.00 | 14,785.80 | 6,840.00 | 240.68 | 241.95 | 90.00 | 1,016.98 | -9,698.16 | 1,979.44 | 1,497.70 | 481.73 | 4.109 | | |
| 14,900.00 | 6,840.00 | 14,885.80 | 6,840.00 | 243.36 | 244.64 | 90.00 | 1,017.43 | -9,798.16 | 1,979.41 | 1,492.30 | 487.12 | 4.064 | | |
| 15,000.00 | 6,840.00 | 14,985.80 | 6,840.00 | 246.05 | 247.32 | 90.00 | 1,017.89 | -9,898.16 | 1,979.39 | 1,486.89 | 492.50 | 4.019 | | |
| 15,100.00 | 6,840.00 | 15,085.80 | 6,840.00 | 248.74 | 250.01 | 90.00 | 1,018.34 | -9,998.16 | 1,979.37 | 1,481.48 | 497.88 | 3.976 | | |
| 15,200.00 | 6,840.00 | 15,185.80 | 6,840.00 | 251.42 | 252.70 | 90.00 | 1,018.79 | -10,098.15 | 1,979.34 | 1,476.07 | 503.27 | 3.933 | | |
| 15,300.00 | 6,840.00 | 15,285.80 | 6,840.00 | 254.11 | 255.39 | 90.00 | 1,019.25 | -10,198.15 | 1,979.32 | 1,470.67 | 508.66 | 3.891 | | |
| 15,400.00 | 6,840.00 | 15,385.80 | 6,840.00 | 256.80 | 258.08 | 90.00 | 1,019.70 | -10,298.15 | 1,979.30 | 1,465.25 | 514.04 | 3.850 | | |
| 15,500.00 | 6,840.00 | 15,485.80 | 6,840.00 | 259.49 | 260.77 | 90.00 | 1,020.16 | -10,398.15 | 1,979.28 | 1,459.84 | 519.43 | 3.810 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-07 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,600.00 | 6,840.00 | 15,585.80 | 6,840.00 | 262.17 | 263.46 | 90.00 | 1,020.61 | -10,498.15 | 1,979.25 | 1,454.43 | 524.82 | 3.771 | | |
| 15,700.00 | 6,840.00 | 15,685.80 | 6,840.00 | 264.86 | 266.16 | 90.00 | 1,021.07 | -10,598.15 | 1,979.23 | 1,449.02 | 530.21 | 3.733 | | |
| 15,800.00 | 6,840.00 | 15,785.80 | 6,840.00 | 267.55 | 268.85 | 90.00 | 1,021.52 | -10,698.15 | 1,979.21 | 1,443.60 | 535.61 | 3.695 | | |
| 15,900.00 | 6,840.00 | 15,885.80 | 6,840.00 | 270.25 | 271.54 | 90.00 | 1,021.98 | -10,798.15 | 1,979.18 | 1,438.19 | 541.00 | 3.658 | | |
| 16,000.00 | 6,840.00 | 15,985.80 | 6,840.00 | 272.94 | 274.24 | 90.00 | 1,022.43 | -10,898.15 | 1,979.16 | 1,432.77 | 546.39 | 3.622 | | |
| 16,100.00 | 6,840.00 | 16,085.80 | 6,840.00 | 275.63 | 276.93 | 90.00 | 1,022.89 | -10,998.15 | 1,979.14 | 1,427.35 | 551.79 | 3.587 | | |
| 16,200.00 | 6,840.00 | 16,185.80 | 6,840.00 | 278.32 | 279.62 | 90.00 | 1,023.34 | -11,098.14 | 1,979.12 | 1,421.93 | 557.18 | 3.552 | | |
| 16,300.00 | 6,840.00 | 16,285.80 | 6,840.00 | 281.02 | 282.32 | 90.00 | 1,023.79 | -11,198.14 | 1,979.09 | 1,416.51 | 562.58 | 3.518 | | |
| 16,400.00 | 6,840.00 | 16,385.80 | 6,840.00 | 283.71 | 285.02 | 90.00 | 1,024.25 | -11,298.14 | 1,979.07 | 1,411.09 | 567.98 | 3.484 | | |
| 16,500.00 | 6,840.00 | 16,485.80 | 6,840.00 | 286.40 | 287.71 | 90.00 | 1,024.70 | -11,398.14 | 1,979.05 | 1,405.67 | 573.38 | 3.452 | | |
| 16,600.00 | 6,840.00 | 16,585.80 | 6,840.00 | 289.10 | 290.41 | 90.00 | 1,025.16 | -11,498.14 | 1,979.02 | 1,400.25 | 578.77 | 3.419 | | |
| 16,700.00 | 6,840.00 | 16,685.80 | 6,840.00 | 291.79 | 293.11 | 90.00 | 1,025.61 | -11,598.14 | 1,979.00 | 1,394.83 | 584.17 | 3.388 | | |
| 16,800.00 | 6,840.00 | 16,785.80 | 6,840.00 | 294.49 | 295.80 | 90.00 | 1,026.07 | -11,698.14 | 1,978.98 | 1,389.40 | 589.57 | 3.357 | | |
| 16,900.00 | 6,840.00 | 16,885.80 | 6,840.00 | 297.19 | 298.50 | 90.00 | 1,026.52 | -11,798.14 | 1,978.96 | 1,383.98 | 594.98 | 3.326 | | |
| 17,000.00 | 6,840.00 | 16,985.80 | 6,840.00 | 299.88 | 301.20 | 90.00 | 1,026.98 | -11,898.14 | 1,978.93 | 1,378.56 | 600.38 | 3.296 | | |
| 17,100.00 | 6,840.00 | 17,085.80 | 6,840.00 | 302.58 | 303.90 | 90.00 | 1,027.43 | -11,998.13 | 1,978.91 | 1,373.13 | 605.78 | 3.267 | | |
| 17,200.00 | 6,840.00 | 17,185.80 | 6,840.00 | 305.28 | 306.60 | 90.00 | 1,027.89 | -12,098.13 | 1,978.89 | 1,367.71 | 611.18 | 3.238 | | |
| 17,300.00 | 6,840.00 | 17,285.80 | 6,840.00 | 307.97 | 309.30 | 90.00 | 1,028.34 | -12,198.13 | 1,978.86 | 1,362.28 | 616.59 | 3.209 | | |
| 17,400.00 | 6,840.00 | 17,385.80 | 6,840.00 | 310.67 | 312.00 | 90.00 | 1,028.79 | -12,298.13 | 1,978.84 | 1,356.85 | 621.99 | 3.181 | | |
| 17,500.00 | 6,840.00 | 17,485.80 | 6,840.00 | 313.37 | 314.70 | 90.00 | 1,029.25 | -12,398.13 | 1,978.82 | 1,351.42 | 627.40 | 3.154 | | |
| 17,600.00 | 6,840.00 | 17,585.80 | 6,840.00 | 316.07 | 317.40 | 90.00 | 1,029.70 | -12,498.13 | 1,978.80 | 1,345.99 | 632.80 | 3.127 | | |
| 17,700.00 | 6,840.00 | 17,685.80 | 6,840.00 | 318.77 | 320.10 | 90.00 | 1,030.16 | -12,598.13 | 1,978.77 | 1,340.57 | 638.21 | 3.101 | | |
| 17,800.00 | 6,840.00 | 17,785.80 | 6,840.00 | 321.47 | 322.80 | 90.00 | 1,030.61 | -12,698.13 | 1,978.75 | 1,335.14 | 643.61 | 3.074 | | |
| 17,900.00 | 6,840.00 | 17,885.80 | 6,840.00 | 324.17 | 325.50 | 90.00 | 1,031.07 | -12,798.13 | 1,978.73 | 1,329.71 | 649.02 | 3.049 | | |
| 18,000.00 | 6,840.00 | 17,985.80 | 6,840.00 | 326.87 | 328.20 | 90.00 | 1,031.52 | -12,898.13 | 1,978.71 | 1,324.28 | 654.43 | 3.024 | | |
| 18,100.00 | 6,840.00 | 18,085.80 | 6,840.00 | 329.57 | 330.90 | 90.00 | 1,031.98 | -12,998.12 | 1,978.68 | 1,318.84 | 659.84 | 2.999 | | |
| 18,200.00 | 6,840.00 | 18,185.80 | 6,840.00 | 332.27 | 333.61 | 90.00 | 1,032.43 | -13,098.12 | 1,978.66 | 1,313.41 | 665.25 | 2.974 | | |
| 18,300.00 | 6,840.00 | 18,285.80 | 6,840.00 | 334.97 | 336.31 | 90.00 | 1,032.88 | -13,198.12 | 1,978.64 | 1,307.98 | 670.66 | 2.950 | | |
| 18,400.00 | 6,840.00 | 18,385.80 | 6,840.00 | 337.67 | 339.01 | 90.00 | 1,033.34 | -13,298.12 | 1,978.61 | 1,302.55 | 676.07 | 2.927 | | |
| 18,500.00 | 6,840.00 | 18,485.80 | 6,840.00 | 340.38 | 341.71 | 90.00 | 1,033.79 | -13,398.12 | 1,978.59 | 1,297.11 | 681.48 | 2.903 | | |
| 18,600.00 | 6,840.00 | 18,585.80 | 6,840.00 | 343.08 | 344.42 | 90.00 | 1,034.25 | -13,498.12 | 1,978.57 | 1,291.68 | 686.89 | 2.880 | | |
| 18,700.00 | 6,840.00 | 18,685.80 | 6,840.00 | 345.78 | 347.12 | 90.00 | 1,034.70 | -13,598.12 | 1,978.55 | 1,286.25 | 692.30 | 2.858 | | |
| 18,800.00 | 6,840.00 | 18,785.80 | 6,840.00 | 348.48 | 349.83 | 90.00 | 1,035.16 | -13,698.12 | 1,978.52 | 1,280.81 | 697.71 | 2.836 | | |
| 18,900.00 | 6,840.00 | 18,885.80 | 6,840.00 | 351.19 | 352.53 | 90.00 | 1,035.61 | -13,798.12 | 1,978.50 | 1,275.38 | 703.12 | 2.814 | | |
| 19,000.00 | 6,840.00 | 18,985.80 | 6,840.00 | 353.89 | 355.23 | 90.00 | 1,036.07 | -13,898.12 | 1,978.48 | 1,269.94 | 708.53 | 2.792 | | |
| 19,100.00 | 6,840.00 | 19,085.80 | 6,840.00 | 356.59 | 357.94 | 90.00 | 1,036.52 | -13,998.11 | 1,978.45 | 1,264.51 | 713.95 | 2.771 | | |
| 19,200.00 | 6,840.00 | 19,185.80 | 6,840.00 | 359.30 | 360.64 | 90.00 | 1,036.98 | -14,098.11 | 1,978.43 | 1,259.07 | 719.36 | 2.750 | | |
| 19,300.00 | 6,840.00 | 19,285.80 | 6,840.00 | 362.00 | 363.35 | 90.00 | 1,037.43 | -14,198.11 | 1,978.41 | 1,253.63 | 724.77 | 2.730 | | |
| 19,400.00 | 6,840.00 | 19,385.80 | 6,840.00 | 364.71 | 366.05 | 90.00 | 1,037.88 | -14,298.11 | 1,978.39 | 1,248.20 | 730.19 | 2.709 | | |
| 19,500.00 | 6,840.00 | 19,485.80 | 6,840.00 | 367.41 | 368.76 | 90.00 | 1,038.34 | -14,398.11 | 1,978.36 | 1,242.76 | 735.60 | 2.689 | | |
| 19,600.00 | 6,840.00 | 19,585.80 | 6,840.00 | 370.11 | 371.47 | 90.00 | 1,038.79 | -14,498.11 | 1,978.34 | 1,237.32 | 741.02 | 2.670 | | |
| 19,700.00 | 6,840.00 | 19,685.80 | 6,840.00 | 372.82 | 374.17 | 90.00 | 1,039.25 | -14,598.11 | 1,978.32 | 1,231.88 | 746.43 | 2.650 | | |
| 19,800.00 | 6,840.00 | 19,785.80 | 6,840.00 | 375.53 | 376.88 | 90.00 | 1,039.70 | -14,698.11 | 1,978.29 | 1,226.45 | 751.85 | 2.631 | | |
| 19,900.00 | 6,840.00 | 19,885.80 | 6,840.00 | 378.23 | 379.58 | 90.00 | 1,040.16 | -14,798.11 | 1,978.27 | 1,221.01 | 757.26 | 2.612 | | |
| 20,000.00 | 6,840.00 | 19,985.80 | 6,840.00 | 380.94 | 382.29 | 90.00 | 1,040.61 | -14,898.10 | 1,978.25 | 1,215.57 | 762.68 | 2.594 | | |
| 20,100.00 | 6,840.00 | 20,085.80 | 6,840.00 | 383.64 | 385.00 | 90.00 | 1,041.07 | -14,998.10 | 1,978.23 | 1,210.13 | 768.10 | 2.575 | | |
| 20,200.00 | 6,840.00 | 20,185.80 | 6,840.00 | 386.35 | 387.70 | 90.00 | 1,041.52 | -15,098.10 | 1,978.20 | 1,204.69 | 773.51 | 2.557 | | |
| 20,300.00 | 6,840.00 | 20,285.80 | 6,840.00 | 389.05 | 390.41 | 90.00 | 1,041.98 | -15,198.10 | 1,978.18 | 1,199.25 | 778.93 | 2.540 | | |
| 20,400.00 | 6,840.00 | 20,385.80 | 6,840.00 | 391.76 | 393.12 | 90.00 | 1,042.43 | -15,298.10 | 1,978.16 | 1,193.81 | 784.35 | 2.522 | | |
| 20,442.82 | 6,840.00 | 20,428.62 | 6,840.00 | 392.92 | 394.28 | 90.00 | 1,042.62 | -15,340.92 | 1,978.15 | 1,191.48 | 786.67 | 2.515 SF | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-08 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 112.57 | 0.00 | 112.57 | | | | | |
| 100.00 | 100.00 | 100.00 | 100.00 | 0.13 | 0.13 | 0.00 | 112.57 | 0.00 | 112.57 | 112.30 | 0.27 | 418.687 | | |
| 200.00 | 200.00 | 200.00 | 200.00 | 0.49 | 0.49 | 0.00 | 112.57 | 0.00 | 112.57 | 111.58 | 0.99 | 114.188 | | |
| 300.00 | 300.00 | 300.00 | 300.00 | 0.85 | 0.85 | 0.00 | 112.57 | 0.00 | 112.57 | 110.86 | 1.70 | 66.109 | | |
| 400.00 | 400.00 | 400.00 | 400.00 | 1.21 | 1.21 | 0.00 | 112.57 | 0.00 | 112.57 | 110.15 | 2.42 | 46.521 | | |
| 500.00 | 500.00 | 500.00 | 500.00 | 1.57 | 1.57 | 0.00 | 112.57 | 0.00 | 112.57 | 109.43 | 3.14 | 35.888 | CC, ES | |
| 600.00 | 599.98 | 600.02 | 599.98 | 1.92 | 1.93 | 116.58 | 112.57 | 0.00 | 113.34 | 109.49 | 3.84 | 29.497 | | |
| 700.00 | 699.84 | 700.16 | 699.84 | 2.26 | 2.29 | 118.85 | 112.57 | 0.00 | 115.77 | 111.23 | 4.55 | 25.471 | | |
| 800.00 | 799.45 | 799.45 | 799.45 | 2.62 | 2.64 | 122.40 | 112.57 | 0.00 | 120.23 | 114.97 | 5.26 | 22.873 | | |
| 900.00 | 898.70 | 898.42 | 898.40 | 2.99 | 2.99 | 126.14 | 112.99 | -1.64 | 127.31 | 121.33 | 5.97 | 21.316 | | |
| 1,000.00 | 997.47 | 997.48 | 997.32 | 3.39 | 3.34 | 129.11 | 114.28 | -6.58 | 137.15 | 130.45 | 6.70 | 20.473 | | |
| 1,100.00 | 1,095.62 | 1,096.56 | 1,096.03 | 3.81 | 3.69 | 131.31 | 116.43 | -14.84 | 149.56 | 142.11 | 7.45 | 20.082 | | |
| 1,200.00 | 1,193.06 | 1,195.58 | 1,194.32 | 4.27 | 4.06 | 132.81 | 119.44 | -26.39 | 164.35 | 156.12 | 8.22 | 19.984 | | |
| 1,300.00 | 1,289.64 | 1,294.46 | 1,292.00 | 4.77 | 4.44 | 133.71 | 123.30 | -41.19 | 181.38 | 172.35 | 9.04 | 20.073 | | |
| 1,400.00 | 1,385.27 | 1,393.11 | 1,388.88 | 5.31 | 4.85 | 134.12 | 128.00 | -59.20 | 200.59 | 190.69 | 9.89 | 20.274 | | |
| 1,500.00 | 1,479.82 | 1,491.46 | 1,484.77 | 5.91 | 5.28 | 134.15 | 133.51 | -80.36 | 221.89 | 211.08 | 10.81 | 20.532 | | |
| 1,600.00 | 1,573.19 | 1,589.46 | 1,579.50 | 6.55 | 5.74 | 133.95 | 139.83 | -104.59 | 245.21 | 233.42 | 11.79 | 20.805 | | |
| 1,700.00 | 1,666.16 | 1,687.36 | 1,673.24 | 7.23 | 6.24 | 133.46 | 146.96 | -131.92 | 268.99 | 256.16 | 12.83 | 20.963 | | |
| 1,800.00 | 1,759.13 | 1,785.15 | 1,765.85 | 7.93 | 6.79 | 132.38 | 154.88 | -162.30 | 292.55 | 278.59 | 13.96 | 20.962 | | |
| 1,900.00 | 1,852.10 | 1,882.52 | 1,856.96 | 8.64 | 7.38 | 130.86 | 163.53 | -195.51 | 316.03 | 300.87 | 15.16 | 20.851 | | |
| 2,000.00 | 1,945.06 | 1,979.33 | 1,947.19 | 9.35 | 8.01 | 129.37 | 172.39 | -229.48 | 339.67 | 323.26 | 16.41 | 20.699 | | |
| 2,100.00 | 2,038.03 | 2,076.14 | 2,037.41 | 10.08 | 8.65 | 128.08 | 181.24 | -263.44 | 363.51 | 345.81 | 17.69 | 20.545 | | |
| 2,200.00 | 2,131.00 | 2,172.95 | 2,127.63 | 10.81 | 9.31 | 126.95 | 190.10 | -297.41 | 387.49 | 368.49 | 19.00 | 20.394 | | |
| 2,300.00 | 2,223.97 | 2,269.76 | 2,217.85 | 11.54 | 9.98 | 125.95 | 198.96 | -331.38 | 411.60 | 391.28 | 20.33 | 20.250 | | |
| 2,400.00 | 2,316.94 | 2,366.57 | 2,308.08 | 12.28 | 10.65 | 125.06 | 207.81 | -365.35 | 435.82 | 414.15 | 21.67 | 20.114 | | |
| 2,500.00 | 2,409.90 | 2,463.39 | 2,398.30 | 13.02 | 11.34 | 124.26 | 216.67 | -399.32 | 460.13 | 437.11 | 23.02 | 19.986 | | |
| 2,600.00 | 2,502.87 | 2,560.20 | 2,488.52 | 13.77 | 12.04 | 123.54 | 225.52 | -433.29 | 484.51 | 460.13 | 24.39 | 19.868 | | |
| 2,700.00 | 2,595.84 | 2,657.01 | 2,578.75 | 14.51 | 12.74 | 122.89 | 234.38 | -467.26 | 508.96 | 483.20 | 25.76 | 19.758 | | |
| 2,800.00 | 2,688.81 | 2,753.82 | 2,668.97 | 15.26 | 13.44 | 122.31 | 243.23 | -501.23 | 533.46 | 506.33 | 27.14 | 19.657 | | |
| 2,900.00 | 2,781.77 | 2,850.63 | 2,759.19 | 16.01 | 14.15 | 121.77 | 252.09 | -535.20 | 558.02 | 529.49 | 28.53 | 19.562 | | |
| 3,000.00 | 2,874.74 | 2,947.45 | 2,849.42 | 16.76 | 14.86 | 121.28 | 260.94 | -569.16 | 582.61 | 552.69 | 29.92 | 19.475 | | |
| 3,100.00 | 2,967.71 | 3,044.26 | 2,939.64 | 17.52 | 15.57 | 120.82 | 269.80 | -603.13 | 607.24 | 575.93 | 31.31 | 19.393 | | |
| 3,200.00 | 3,060.68 | 3,141.07 | 3,029.86 | 18.27 | 16.29 | 120.41 | 278.65 | -637.10 | 631.91 | 599.20 | 32.71 | 19.318 | | |
| 3,300.00 | 3,153.65 | 3,237.88 | 3,120.09 | 19.03 | 17.01 | 120.02 | 287.51 | -671.07 | 656.60 | 622.49 | 34.11 | 19.248 | | |
| 3,400.00 | 3,246.61 | 3,334.69 | 3,210.31 | 19.78 | 17.73 | 119.66 | 296.37 | -705.04 | 681.32 | 645.80 | 35.52 | 19.182 | | |
| 3,500.00 | 3,339.58 | 3,431.50 | 3,300.53 | 20.54 | 18.46 | 119.33 | 305.22 | -739.01 | 706.06 | 669.14 | 36.93 | 19.121 | | |
| 3,600.00 | 3,432.55 | 3,528.32 | 3,390.76 | 21.30 | 19.18 | 119.02 | 314.08 | -772.98 | 730.83 | 692.49 | 38.34 | 19.064 | | |
| 3,700.00 | 3,525.52 | 3,625.13 | 3,480.98 | 22.06 | 19.91 | 118.73 | 322.93 | -806.95 | 755.61 | 715.86 | 39.75 | 19.010 | | |
| 3,800.00 | 3,618.49 | 3,721.94 | 3,571.20 | 22.82 | 20.63 | 118.46 | 331.79 | -840.92 | 780.41 | 739.25 | 41.16 | 18.960 | | |
| 3,900.00 | 3,711.45 | 3,818.75 | 3,661.42 | 23.57 | 21.36 | 118.20 | 340.64 | -874.88 | 805.23 | 762.65 | 42.58 | 18.912 | | |
| 4,000.00 | 3,804.42 | 3,915.56 | 3,751.65 | 24.33 | 22.09 | 117.96 | 349.50 | -908.85 | 830.06 | 786.06 | 43.99 | 18.868 | | |
| 4,100.00 | 3,897.39 | 4,012.37 | 3,841.87 | 25.09 | 22.82 | 117.74 | 358.35 | -942.82 | 854.90 | 809.49 | 45.41 | 18.826 | | |
| 4,200.00 | 3,990.36 | 4,109.19 | 3,932.09 | 25.86 | 23.55 | 117.52 | 367.21 | -976.79 | 879.75 | 832.92 | 46.83 | 18.786 | | |
| 4,300.00 | 4,083.32 | 4,206.00 | 4,022.32 | 26.62 | 24.29 | 117.32 | 376.07 | -1,010.76 | 904.62 | 856.37 | 48.25 | 18.749 | | |
| 4,400.00 | 4,176.29 | 4,302.81 | 4,112.54 | 27.38 | 25.02 | 117.13 | 384.92 | -1,044.73 | 929.49 | 879.82 | 49.67 | 18.713 | | |
| 4,500.00 | 4,269.26 | 4,399.62 | 4,202.76 | 28.14 | 25.75 | 116.95 | 393.78 | -1,078.70 | 954.38 | 903.28 | 51.09 | 18.680 | | |
| 4,600.00 | 4,362.23 | 4,503.57 | 4,292.99 | 28.90 | 26.54 | 116.78 | 402.63 | -1,112.67 | 979.27 | 926.70 | 52.57 | 18.629 | | |
| 4,700.00 | 4,455.20 | 4,606.76 | 4,383.21 | 29.66 | 27.32 | 116.62 | 411.49 | -1,146.63 | 1,004.17 | 950.13 | 54.04 | 18.582 | | |
| 4,800.00 | 4,548.16 | 4,709.94 | 4,473.43 | 30.43 | 28.11 | 116.46 | 420.34 | -1,180.60 | 1,029.08 | 973.56 | 55.51 | 18.538 | | |
| 4,900.00 | 4,641.13 | 4,786.87 | 4,563.66 | 31.19 | 28.89 | 116.31 | 429.20 | -1,214.57 | 1,053.99 | 997.20 | 56.79 | 18.561 | | |
| 5,000.00 | 4,734.10 | 4,883.68 | 4,653.88 | 31.95 | 29.43 | 116.17 | 438.05 | -1,248.54 | 1,078.91 | 1,020.70 | 58.21 | 18.535 | | |
| 5,100.00 | 4,827.07 | 4,980.49 | 4,744.10 | 32.71 | 30.16 | 116.04 | 446.91 | -1,282.51 | 1,103.84 | 1,044.20 | 59.64 | 18.510 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-08 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 5,077.30 | 4,834.32 | 33.48 | 30.90 | 115.91 | 455.76 | -1,316.48 | 1,128.77 | 1,067.71 | 61.06 | 18.486 | | |
| 5,300.00 | 5,013.00 | 5,174.11 | 4,924.55 | 34.24 | 31.64 | 115.79 | 464.62 | -1,350.45 | 1,153.70 | 1,091.22 | 62.49 | 18.463 | | |
| 5,400.00 | 5,105.97 | 5,270.93 | 5,014.77 | 35.00 | 32.37 | 115.67 | 473.48 | -1,384.42 | 1,178.65 | 1,114.73 | 63.91 | 18.441 | | |
| 5,500.00 | 5,198.94 | 5,367.74 | 5,104.99 | 35.77 | 33.11 | 115.56 | 482.33 | -1,418.39 | 1,203.59 | 1,138.25 | 65.34 | 18.420 | | |
| 5,600.00 | 5,291.91 | 5,464.55 | 5,195.22 | 36.53 | 33.85 | 115.45 | 491.19 | -1,452.35 | 1,228.54 | 1,161.78 | 66.77 | 18.400 | | |
| 5,700.00 | 5,384.87 | 5,561.36 | 5,285.44 | 37.29 | 34.59 | 115.34 | 500.04 | -1,486.32 | 1,253.50 | 1,185.30 | 68.20 | 18.381 | | |
| 5,800.00 | 5,477.84 | 5,658.17 | 5,375.66 | 38.06 | 35.32 | 115.24 | 508.90 | -1,520.29 | 1,278.46 | 1,208.83 | 69.62 | 18.362 | | |
| 5,900.00 | 5,570.81 | 5,754.99 | 5,465.89 | 38.82 | 36.06 | 115.15 | 517.75 | -1,554.26 | 1,303.42 | 1,232.37 | 71.05 | 18.345 | | |
| 6,000.00 | 5,663.78 | 5,851.80 | 5,556.11 | 39.59 | 36.80 | 115.05 | 526.61 | -1,588.23 | 1,328.38 | 1,255.90 | 72.48 | 18.327 | | |
| 6,100.00 | 5,756.75 | 5,948.61 | 5,646.33 | 40.35 | 37.54 | 114.96 | 535.46 | -1,622.20 | 1,353.35 | 1,279.44 | 73.91 | 18.311 | | |
| 6,200.00 | 5,849.71 | 6,045.42 | 5,736.56 | 41.12 | 38.28 | 114.88 | 544.32 | -1,656.17 | 1,378.32 | 1,302.98 | 75.34 | 18.295 | | |
| 6,300.00 | 5,942.68 | 6,142.23 | 5,826.78 | 41.88 | 39.02 | 114.80 | 553.18 | -1,690.14 | 1,403.30 | 1,326.53 | 76.77 | 18.280 | | |
| 6,400.00 | 6,035.65 | 6,239.04 | 5,917.00 | 42.64 | 39.76 | 114.72 | 562.03 | -1,724.10 | 1,428.27 | 1,350.07 | 78.20 | 18.265 | | |
| 6,500.00 | 6,128.62 | 6,335.86 | 6,007.23 | 43.41 | 40.50 | 114.64 | 570.89 | -1,758.07 | 1,453.25 | 1,373.62 | 79.63 | 18.251 | | |
| 6,600.00 | 6,221.59 | 6,432.67 | 6,097.45 | 44.17 | 41.23 | 114.56 | 579.74 | -1,792.04 | 1,478.23 | 1,397.17 | 81.06 | 18.237 | | |
| 6,700.00 | 6,314.55 | 6,529.48 | 6,187.67 | 44.94 | 41.97 | 114.49 | 588.60 | -1,826.01 | 1,503.22 | 1,420.73 | 82.49 | 18.224 | | |
| 6,800.00 | 6,407.52 | 6,626.29 | 6,277.89 | 45.70 | 42.71 | 114.42 | 597.45 | -1,859.98 | 1,528.20 | 1,444.28 | 83.92 | 18.211 | | |
| 6,900.00 | 6,499.98 | 6,723.12 | 6,368.13 | 46.49 | 43.45 | 109.26 | 606.31 | -1,893.95 | 1,553.10 | 1,467.73 | 85.37 | 18.193 | | |
| 7,000.00 | 6,586.50 | 6,819.11 | 6,457.59 | 47.49 | 44.19 | 101.23 | 615.09 | -1,927.63 | 1,576.91 | 1,489.93 | 86.98 | 18.129 | | |
| 7,100.00 | 6,663.58 | 6,926.51 | 6,554.60 | 48.75 | 45.15 | 96.65 | 624.65 | -1,972.39 | 1,598.84 | 1,509.69 | 89.15 | 17.935 | | |
| 7,200.00 | 6,728.87 | 7,042.61 | 6,648.19 | 50.23 | 46.55 | 93.71 | 633.98 | -2,040.10 | 1,617.83 | 1,525.73 | 92.10 | 17.566 | | |
| 7,300.00 | 6,780.38 | 7,166.06 | 6,730.65 | 51.91 | 48.46 | 91.80 | 642.35 | -2,131.27 | 1,633.15 | 1,537.30 | 95.85 | 17.039 | | |
| 7,400.00 | 6,816.56 | 7,296.37 | 6,794.50 | 53.74 | 50.83 | 90.65 | 649.02 | -2,244.35 | 1,644.13 | 1,543.81 | 100.31 | 16.390 | | |
| 7,500.00 | 6,836.29 | 7,431.89 | 6,832.19 | 55.65 | 53.57 | 90.09 | 653.24 | -2,374.13 | 1,650.22 | 1,544.93 | 105.29 | 15.673 | | |
| 7,600.00 | 6,840.00 | 7,557.98 | 6,840.00 | 57.58 | 56.20 | 90.00 | 654.56 | -2,499.78 | 1,651.38 | 1,541.25 | 110.14 | 14.994 | | |
| 7,700.00 | 6,840.00 | 7,657.98 | 6,840.00 | 59.56 | 58.32 | 90.00 | 655.01 | -2,599.78 | 1,651.36 | 1,536.97 | 114.39 | 14.437 | | |
| 7,800.00 | 6,840.00 | 7,757.98 | 6,840.00 | 61.60 | 60.48 | 90.00 | 655.46 | -2,699.78 | 1,651.33 | 1,532.60 | 118.73 | 13.908 | | |
| 7,900.00 | 6,840.00 | 7,857.98 | 6,840.00 | 63.69 | 62.69 | 90.00 | 655.91 | -2,799.77 | 1,651.31 | 1,528.14 | 123.16 | 13.407 | | |
| 8,000.00 | 6,840.00 | 7,957.98 | 6,840.00 | 65.82 | 64.94 | 90.00 | 656.36 | -2,899.77 | 1,651.28 | 1,523.61 | 127.68 | 12.933 | | |
| 8,100.00 | 6,840.00 | 8,057.98 | 6,840.00 | 67.99 | 67.22 | 90.00 | 656.82 | -2,999.77 | 1,651.25 | 1,519.00 | 132.26 | 12.485 | | |
| 8,200.00 | 6,840.00 | 8,157.98 | 6,840.00 | 70.21 | 69.54 | 90.00 | 657.27 | -3,099.77 | 1,651.23 | 1,514.33 | 136.90 | 12.062 | | |
| 8,300.00 | 6,840.00 | 8,257.98 | 6,840.00 | 72.45 | 71.88 | 90.00 | 657.72 | -3,199.77 | 1,651.20 | 1,509.60 | 141.60 | 11.661 | | |
| 8,400.00 | 6,840.00 | 8,357.98 | 6,840.00 | 74.73 | 74.25 | 90.00 | 658.17 | -3,299.77 | 1,651.18 | 1,504.83 | 146.35 | 11.282 | | |
| 8,500.00 | 6,840.00 | 8,457.98 | 6,840.00 | 77.04 | 76.64 | 90.00 | 658.62 | -3,399.77 | 1,651.15 | 1,500.00 | 151.15 | 10.924 | | |
| 8,600.00 | 6,840.00 | 8,557.98 | 6,840.00 | 79.38 | 79.05 | 90.00 | 659.08 | -3,499.77 | 1,651.13 | 1,495.14 | 155.99 | 10.585 | | |
| 8,700.00 | 6,840.00 | 8,657.98 | 6,840.00 | 81.74 | 81.48 | 90.00 | 659.53 | -3,599.77 | 1,651.10 | 1,490.23 | 160.87 | 10.264 | | |
| 8,800.00 | 6,840.00 | 8,757.98 | 6,840.00 | 84.12 | 83.93 | 90.00 | 659.98 | -3,699.77 | 1,651.08 | 1,485.30 | 165.78 | 9.959 | | |
| 8,900.00 | 6,840.00 | 8,857.98 | 6,840.00 | 86.52 | 86.40 | 90.00 | 660.43 | -3,799.76 | 1,651.05 | 1,480.32 | 170.73 | 9.671 | | |
| 9,000.00 | 6,840.00 | 8,957.98 | 6,840.00 | 88.94 | 88.88 | 90.00 | 660.88 | -3,899.76 | 1,651.02 | 1,475.32 | 175.70 | 9.397 | | |
| 9,100.00 | 6,840.00 | 9,057.98 | 6,840.00 | 91.38 | 91.37 | 90.00 | 661.33 | -3,999.76 | 1,651.00 | 1,470.30 | 180.70 | 9.137 | | |
| 9,200.00 | 6,840.00 | 9,157.98 | 6,840.00 | 93.83 | 93.88 | 90.00 | 661.79 | -4,099.76 | 1,650.97 | 1,465.25 | 185.73 | 8.889 | | |
| 9,300.00 | 6,840.00 | 9,257.98 | 6,840.00 | 96.30 | 96.40 | 90.00 | 662.24 | -4,199.76 | 1,650.95 | 1,460.17 | 190.78 | 8.654 | | |
| 9,400.00 | 6,840.00 | 9,357.98 | 6,840.00 | 98.79 | 98.93 | 90.00 | 662.69 | -4,299.76 | 1,650.92 | 1,455.08 | 195.85 | 8.430 | | |
| 9,500.00 | 6,840.00 | 9,457.98 | 6,840.00 | 101.28 | 101.46 | 90.00 | 663.14 | -4,399.76 | 1,650.90 | 1,449.96 | 200.93 | 8.216 | | |
| 9,600.00 | 6,840.00 | 9,557.98 | 6,840.00 | 103.79 | 104.01 | 90.00 | 663.59 | -4,499.76 | 1,650.87 | 1,444.83 | 206.04 | 8.012 | | |
| 9,700.00 | 6,840.00 | 9,657.98 | 6,840.00 | 106.30 | 106.57 | 90.00 | 664.04 | -4,599.76 | 1,650.84 | 1,439.68 | 211.16 | 7.818 | | |
| 9,800.00 | 6,840.00 | 9,757.98 | 6,840.00 | 108.83 | 109.13 | 90.00 | 664.50 | -4,699.76 | 1,650.82 | 1,434.52 | 216.30 | 7.632 | | |
| 9,900.00 | 6,840.00 | 9,857.98 | 6,840.00 | 111.37 | 111.71 | 90.00 | 664.95 | -4,799.75 | 1,650.79 | 1,429.34 | 221.46 | 7.454 | | |
| 10,000.00 | 6,840.00 | 9,957.98 | 6,840.00 | 113.91 | 114.28 | 90.00 | 665.40 | -4,899.75 | 1,650.77 | 1,424.14 | 226.62 | 7.284 | | |
| 10,100.00 | 6,840.00 | 10,057.98 | 6,840.00 | 116.47 | 116.87 | 90.00 | 665.85 | -4,999.75 | 1,650.74 | 1,418.94 | 231.80 | 7.121 | | |
| 10,200.00 | 6,840.00 | 10,157.98 | 6,840.00 | 119.03 | 119.46 | 90.00 | 666.30 | -5,099.75 | 1,650.72 | 1,413.72 | 236.99 | 6.965 | | |
| 10,300.00 | 6,840.00 | 10,257.98 | 6,840.00 | 121.59 | 122.06 | 90.00 | 666.75 | -5,199.75 | 1,650.69 | 1,408.50 | 242.20 | 6.816 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-08 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 10,357.98 | 6,840.00 | 124.17 | 124.66 | 90.00 | 667.21 | -5,299.75 | 1,650.67 | 1,403.26 | 247.41 | 6.672 | | |
| 10,500.00 | 6,840.00 | 10,457.98 | 6,840.00 | 126.75 | 127.27 | 90.00 | 667.66 | -5,399.75 | 1,650.64 | 1,398.01 | 252.63 | 6.534 | | |
| 10,600.00 | 6,840.00 | 10,557.98 | 6,840.00 | 129.34 | 129.88 | 90.00 | 668.11 | -5,499.75 | 1,650.61 | 1,392.75 | 257.86 | 6.401 | | |
| 10,700.00 | 6,840.00 | 10,657.98 | 6,840.00 | 131.93 | 132.49 | 90.00 | 668.56 | -5,599.75 | 1,650.59 | 1,387.49 | 263.10 | 6.274 | | |
| 10,800.00 | 6,840.00 | 10,757.98 | 6,840.00 | 134.53 | 135.11 | 90.00 | 669.01 | -5,699.74 | 1,650.56 | 1,382.22 | 268.35 | 6.151 | | |
| 10,900.00 | 6,840.00 | 10,857.98 | 6,840.00 | 137.13 | 137.74 | 90.00 | 669.47 | -5,799.74 | 1,650.54 | 1,376.94 | 273.60 | 6.033 | | |
| 11,000.00 | 6,840.00 | 10,957.98 | 6,840.00 | 139.73 | 140.37 | 90.00 | 669.92 | -5,899.74 | 1,650.51 | 1,371.65 | 278.86 | 5.919 | | |
| 11,100.00 | 6,840.00 | 11,057.98 | 6,840.00 | 142.35 | 143.00 | 90.00 | 670.37 | -5,999.74 | 1,650.49 | 1,366.35 | 284.13 | 5.809 | | |
| 11,200.00 | 6,840.00 | 11,157.98 | 6,840.00 | 144.96 | 145.63 | 90.00 | 670.82 | -6,099.74 | 1,650.46 | 1,361.05 | 289.41 | 5.703 | | |
| 11,300.00 | 6,840.00 | 11,257.98 | 6,840.00 | 147.58 | 148.27 | 90.00 | 671.27 | -6,199.74 | 1,650.43 | 1,355.75 | 294.69 | 5.601 | | |
| 11,400.00 | 6,840.00 | 11,357.98 | 6,840.00 | 150.20 | 150.91 | 90.00 | 671.72 | -6,299.74 | 1,650.41 | 1,350.44 | 299.97 | 5.502 | | |
| 11,500.00 | 6,840.00 | 11,457.98 | 6,840.00 | 152.83 | 153.55 | 90.00 | 672.18 | -6,399.74 | 1,650.38 | 1,345.12 | 305.26 | 5.406 | | |
| 11,600.00 | 6,840.00 | 11,557.98 | 6,840.00 | 155.46 | 156.20 | 90.00 | 672.63 | -6,499.74 | 1,650.36 | 1,339.80 | 310.56 | 5.314 | | |
| 11,700.00 | 6,840.00 | 11,657.98 | 6,840.00 | 158.09 | 158.85 | 90.00 | 673.08 | -6,599.74 | 1,650.33 | 1,334.47 | 315.86 | 5.225 | | |
| 11,800.00 | 6,840.00 | 11,757.98 | 6,840.00 | 160.73 | 161.50 | 90.00 | 673.53 | -6,699.73 | 1,650.31 | 1,329.14 | 321.17 | 5.138 | | |
| 11,900.00 | 6,840.00 | 11,857.98 | 6,840.00 | 163.36 | 164.15 | 90.00 | 673.98 | -6,799.73 | 1,650.28 | 1,323.80 | 326.48 | 5.055 | | |
| 12,000.00 | 6,840.00 | 11,957.98 | 6,840.00 | 166.01 | 166.81 | 90.00 | 674.43 | -6,899.73 | 1,650.26 | 1,318.46 | 331.80 | 4.974 | | |
| 12,100.00 | 6,840.00 | 12,057.98 | 6,840.00 | 168.65 | 169.46 | 90.00 | 674.89 | -6,999.73 | 1,650.23 | 1,313.12 | 337.11 | 4.895 | | |
| 12,200.00 | 6,840.00 | 12,157.98 | 6,840.00 | 171.30 | 172.12 | 90.00 | 675.34 | -7,099.73 | 1,650.20 | 1,307.77 | 342.44 | 4.819 | | |
| 12,300.00 | 6,840.00 | 12,257.98 | 6,840.00 | 173.94 | 174.78 | 90.00 | 675.79 | -7,199.73 | 1,650.18 | 1,302.41 | 347.76 | 4.745 | | |
| 12,400.00 | 6,840.00 | 12,357.98 | 6,840.00 | 176.59 | 177.45 | 90.00 | 676.24 | -7,299.73 | 1,650.15 | 1,297.06 | 353.09 | 4.673 | | |
| 12,500.00 | 6,840.00 | 12,457.98 | 6,840.00 | 179.25 | 180.11 | 90.00 | 676.69 | -7,399.73 | 1,650.13 | 1,291.70 | 358.43 | 4.604 | | |
| 12,600.00 | 6,840.00 | 12,557.98 | 6,840.00 | 181.90 | 182.78 | 90.00 | 677.14 | -7,499.73 | 1,650.10 | 1,286.34 | 363.76 | 4.536 | | |
| 12,700.00 | 6,840.00 | 12,657.98 | 6,840.00 | 184.56 | 185.45 | 90.00 | 677.60 | -7,599.73 | 1,650.08 | 1,280.97 | 369.10 | 4.471 | | |
| 12,800.00 | 6,840.00 | 12,757.98 | 6,840.00 | 187.22 | 188.11 | 90.00 | 678.05 | -7,699.72 | 1,650.05 | 1,275.61 | 374.44 | 4.407 | | |
| 12,900.00 | 6,840.00 | 12,857.98 | 6,840.00 | 189.88 | 190.79 | 90.00 | 678.50 | -7,799.72 | 1,650.02 | 1,270.24 | 379.79 | 4.345 | | |
| 13,000.00 | 6,840.00 | 12,957.98 | 6,840.00 | 192.54 | 193.46 | 90.00 | 678.95 | -7,899.72 | 1,650.00 | 1,264.86 | 385.14 | 4.284 | | |
| 13,100.00 | 6,840.00 | 13,057.98 | 6,840.00 | 195.20 | 196.13 | 90.00 | 679.40 | -7,999.72 | 1,649.97 | 1,259.49 | 390.49 | 4.225 | | |
| 13,200.00 | 6,840.00 | 13,157.98 | 6,840.00 | 197.87 | 198.81 | 90.00 | 679.85 | -8,099.72 | 1,649.95 | 1,254.11 | 395.84 | 4.168 | | |
| 13,300.00 | 6,840.00 | 13,257.98 | 6,840.00 | 200.53 | 201.48 | 90.00 | 680.31 | -8,199.72 | 1,649.92 | 1,248.73 | 401.19 | 4.113 | | |
| 13,400.00 | 6,840.00 | 13,357.98 | 6,840.00 | 203.20 | 204.16 | 90.00 | 680.76 | -8,299.72 | 1,649.90 | 1,243.34 | 406.55 | 4.058 | | |
| 13,500.00 | 6,840.00 | 13,457.98 | 6,840.00 | 205.87 | 206.84 | 90.00 | 681.21 | -8,399.72 | 1,649.87 | 1,237.96 | 411.91 | 4.005 | | |
| 13,600.00 | 6,840.00 | 13,557.98 | 6,840.00 | 208.54 | 209.52 | 90.00 | 681.66 | -8,499.72 | 1,649.85 | 1,232.57 | 417.27 | 3.954 | | |
| 13,700.00 | 6,840.00 | 13,657.98 | 6,840.00 | 211.22 | 212.20 | 90.00 | 682.11 | -8,599.72 | 1,649.82 | 1,227.18 | 422.64 | 3.904 | | |
| 13,800.00 | 6,840.00 | 13,757.98 | 6,840.00 | 213.89 | 214.88 | 90.00 | 682.57 | -8,699.71 | 1,649.79 | 1,221.79 | 428.00 | 3.855 | | |
| 13,900.00 | 6,840.00 | 13,857.98 | 6,840.00 | 216.56 | 217.56 | 90.00 | 683.02 | -8,799.71 | 1,649.77 | 1,216.40 | 433.37 | 3.807 | | |
| 14,000.00 | 6,840.00 | 13,957.98 | 6,840.00 | 219.24 | 220.24 | 90.00 | 683.47 | -8,899.71 | 1,649.74 | 1,211.01 | 438.74 | 3.760 | | |
| 14,100.00 | 6,840.00 | 14,057.98 | 6,840.00 | 221.92 | 222.93 | 90.00 | 683.92 | -8,999.71 | 1,649.72 | 1,205.61 | 444.11 | 3.715 | | |
| 14,200.00 | 6,840.00 | 14,157.98 | 6,840.00 | 224.59 | 225.61 | 90.00 | 684.37 | -9,099.71 | 1,649.69 | 1,200.21 | 449.48 | 3.670 | | |
| 14,300.00 | 6,840.00 | 14,257.98 | 6,840.00 | 227.27 | 228.30 | 90.00 | 684.82 | -9,199.71 | 1,649.67 | 1,194.81 | 454.85 | 3.627 | | |
| 14,400.00 | 6,840.00 | 14,357.98 | 6,840.00 | 229.95 | 230.98 | 90.00 | 685.28 | -9,299.71 | 1,649.64 | 1,189.41 | 460.23 | 3.584 | | |
| 14,500.00 | 6,840.00 | 14,457.98 | 6,840.00 | 232.63 | 233.67 | 90.00 | 685.73 | -9,399.71 | 1,649.61 | 1,184.01 | 465.61 | 3.543 | | |
| 14,600.00 | 6,840.00 | 14,557.98 | 6,840.00 | 235.31 | 236.36 | 90.00 | 686.18 | -9,499.71 | 1,649.59 | 1,178.60 | 470.99 | 3.502 | | |
| 14,700.00 | 6,840.00 | 14,657.98 | 6,840.00 | 238.00 | 239.05 | 90.00 | 686.63 | -9,599.71 | 1,649.56 | 1,173.20 | 476.37 | 3.463 | | |
| 14,800.00 | 6,840.00 | 14,757.98 | 6,840.00 | 240.68 | 241.74 | 90.00 | 687.08 | -9,699.70 | 1,649.54 | 1,167.79 | 481.75 | 3.424 | | |
| 14,900.00 | 6,840.00 | 14,857.98 | 6,840.00 | 243.36 | 244.43 | 90.00 | 687.53 | -9,799.70 | 1,649.51 | 1,162.38 | 487.13 | 3.386 | | |
| 15,000.00 | 6,840.00 | 14,957.98 | 6,840.00 | 246.05 | 247.12 | 90.00 | 687.99 | -9,899.70 | 1,649.49 | 1,156.97 | 492.51 | 3.349 | | |
| 15,100.00 | 6,840.00 | 15,057.98 | 6,840.00 | 248.74 | 249.81 | 90.00 | 688.44 | -9,999.70 | 1,649.46 | 1,151.56 | 497.90 | 3.313 | | |
| 15,200.00 | 6,840.00 | 15,157.98 | 6,840.00 | 251.42 | 252.50 | 90.00 | 688.89 | -10,099.70 | 1,649.44 | 1,146.15 | 503.28 | 3.277 | | |
| 15,300.00 | 6,840.00 | 15,257.98 | 6,840.00 | 254.11 | 255.19 | 90.00 | 689.34 | -10,199.70 | 1,649.41 | 1,140.74 | 508.67 | 3.243 | | |
| 15,400.00 | 6,840.00 | 15,357.98 | 6,840.00 | 256.80 | 257.89 | 90.00 | 689.79 | -10,299.70 | 1,649.38 | 1,135.32 | 514.06 | 3.209 | | |
| 15,500.00 | 6,840.00 | 15,457.98 | 6,840.00 | 259.49 | 260.58 | 90.00 | 690.24 | -10,399.70 | 1,649.36 | 1,129.91 | 519.45 | 3.175 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-08 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,600.00 | 6,840.00 | 15,557.98 | 6,840.00 | 262.17 | 263.28 | 90.00 | 690.70 | -10,499.70 | 1,649.33 | 1,124.49 | 524.84 | 3.143 | | |
| 15,700.00 | 6,840.00 | 15,657.98 | 6,840.00 | 264.86 | 265.97 | 90.00 | 691.15 | -10,599.69 | 1,649.31 | 1,119.08 | 530.23 | 3.111 | | |
| 15,800.00 | 6,840.00 | 15,757.98 | 6,840.00 | 267.55 | 268.67 | 90.00 | 691.60 | -10,699.69 | 1,649.28 | 1,113.66 | 535.62 | 3.079 | | |
| 15,900.00 | 6,840.00 | 15,857.98 | 6,840.00 | 270.25 | 271.36 | 90.00 | 692.05 | -10,799.69 | 1,649.26 | 1,108.24 | 541.02 | 3.048 | | |
| 16,000.00 | 6,840.00 | 15,957.98 | 6,840.00 | 272.94 | 274.06 | 90.00 | 692.50 | -10,899.69 | 1,649.23 | 1,102.82 | 546.41 | 3.018 | | |
| 16,100.00 | 6,840.00 | 16,057.98 | 6,840.00 | 275.63 | 276.75 | 90.00 | 692.95 | -10,999.69 | 1,649.20 | 1,097.40 | 551.81 | 2.989 | | |
| 16,200.00 | 6,840.00 | 16,157.98 | 6,840.00 | 278.32 | 279.45 | 90.00 | 693.41 | -11,099.69 | 1,649.18 | 1,091.98 | 557.20 | 2.960 | | |
| 16,300.00 | 6,840.00 | 16,257.98 | 6,840.00 | 281.02 | 282.15 | 90.00 | 693.86 | -11,199.69 | 1,649.15 | 1,086.55 | 562.60 | 2.931 | | |
| 16,400.00 | 6,840.00 | 16,357.98 | 6,840.00 | 283.71 | 284.85 | 90.00 | 694.31 | -11,299.69 | 1,649.13 | 1,081.13 | 568.00 | 2.903 | | |
| 16,500.00 | 6,840.00 | 16,457.98 | 6,840.00 | 286.40 | 287.55 | 90.00 | 694.76 | -11,399.69 | 1,649.10 | 1,075.71 | 573.39 | 2.876 | | |
| 16,600.00 | 6,840.00 | 16,557.98 | 6,840.00 | 289.10 | 290.24 | 90.00 | 695.21 | -11,499.69 | 1,649.08 | 1,070.28 | 578.79 | 2.849 | | |
| 16,700.00 | 6,840.00 | 16,657.98 | 6,840.00 | 291.79 | 292.94 | 90.00 | 695.67 | -11,599.68 | 1,649.05 | 1,064.86 | 584.19 | 2.823 | | |
| 16,800.00 | 6,840.00 | 16,757.98 | 6,840.00 | 294.49 | 295.64 | 90.00 | 696.12 | -11,699.68 | 1,649.03 | 1,059.43 | 589.60 | 2.797 | | |
| 16,900.00 | 6,840.00 | 16,857.98 | 6,840.00 | 297.19 | 298.34 | 90.00 | 696.57 | -11,799.68 | 1,649.00 | 1,054.00 | 595.00 | 2.771 | | |
| 17,000.00 | 6,840.00 | 16,957.98 | 6,840.00 | 299.88 | 301.04 | 90.00 | 697.02 | -11,899.68 | 1,648.97 | 1,048.58 | 600.40 | 2.746 | | |
| 17,100.00 | 6,840.00 | 17,057.98 | 6,840.00 | 302.58 | 303.74 | 90.00 | 697.47 | -11,999.68 | 1,648.95 | 1,043.15 | 605.80 | 2.722 | | |
| 17,200.00 | 6,840.00 | 17,157.98 | 6,840.00 | 305.28 | 306.45 | 90.00 | 697.92 | -12,099.68 | 1,648.92 | 1,037.72 | 611.20 | 2.698 | | |
| 17,300.00 | 6,840.00 | 17,257.98 | 6,840.00 | 307.97 | 309.15 | 90.00 | 698.38 | -12,199.68 | 1,648.90 | 1,032.29 | 616.61 | 2.674 | | |
| 17,400.00 | 6,840.00 | 17,357.98 | 6,840.00 | 310.67 | 311.85 | 90.00 | 698.83 | -12,299.68 | 1,648.87 | 1,026.86 | 622.01 | 2.651 | | |
| 17,500.00 | 6,840.00 | 17,457.98 | 6,840.00 | 313.37 | 314.55 | 90.00 | 699.28 | -12,399.68 | 1,648.85 | 1,021.43 | 627.42 | 2.628 | | |
| 17,600.00 | 6,840.00 | 17,557.98 | 6,840.00 | 316.07 | 317.25 | 90.00 | 699.73 | -12,499.68 | 1,648.82 | 1,016.00 | 632.82 | 2.605 | | |
| 17,700.00 | 6,840.00 | 17,657.98 | 6,840.00 | 318.77 | 319.96 | 90.00 | 700.18 | -12,599.67 | 1,648.79 | 1,010.56 | 638.23 | 2.583 | | |
| 17,800.00 | 6,840.00 | 17,757.98 | 6,840.00 | 321.47 | 322.66 | 90.00 | 700.63 | -12,699.67 | 1,648.77 | 1,005.13 | 643.64 | 2.562 | | |
| 17,900.00 | 6,840.00 | 17,857.98 | 6,840.00 | 324.17 | 325.36 | 90.00 | 701.09 | -12,799.67 | 1,648.74 | 999.70 | 649.05 | 2.540 | | |
| 18,000.00 | 6,840.00 | 17,957.98 | 6,840.00 | 326.87 | 328.06 | 90.00 | 701.54 | -12,899.67 | 1,648.72 | 994.26 | 654.45 | 2.519 | | |
| 18,100.00 | 6,840.00 | 18,057.98 | 6,840.00 | 329.57 | 330.77 | 90.00 | 701.99 | -12,999.67 | 1,648.69 | 988.83 | 659.86 | 2.499 | | |
| 18,200.00 | 6,840.00 | 18,157.98 | 6,840.00 | 332.27 | 333.47 | 90.00 | 702.44 | -13,099.67 | 1,648.67 | 983.39 | 665.27 | 2.478 | | |
| 18,300.00 | 6,840.00 | 18,257.98 | 6,840.00 | 334.97 | 336.18 | 90.00 | 702.89 | -13,199.67 | 1,648.64 | 977.96 | 670.68 | 2.458 | | |
| 18,400.00 | 6,840.00 | 18,357.98 | 6,840.00 | 337.67 | 338.88 | 90.00 | 703.34 | -13,299.67 | 1,648.62 | 972.52 | 676.09 | 2.438 | | |
| 18,500.00 | 6,840.00 | 18,457.98 | 6,840.00 | 340.38 | 341.59 | 90.00 | 703.80 | -13,399.67 | 1,648.59 | 967.09 | 681.50 | 2.419 | | |
| 18,600.00 | 6,840.00 | 18,557.98 | 6,840.00 | 343.08 | 344.29 | 90.00 | 704.25 | -13,499.67 | 1,648.56 | 961.65 | 686.91 | 2.400 | | |
| 18,700.00 | 6,840.00 | 18,657.98 | 6,840.00 | 345.78 | 347.00 | 90.00 | 704.70 | -13,599.66 | 1,648.54 | 956.21 | 692.32 | 2.381 | | |
| 18,800.00 | 6,840.00 | 18,757.98 | 6,840.00 | 348.48 | 349.70 | 90.00 | 705.15 | -13,699.66 | 1,648.51 | 950.78 | 697.74 | 2.363 | | |
| 18,900.00 | 6,840.00 | 18,857.98 | 6,840.00 | 351.19 | 352.41 | 90.00 | 705.60 | -13,799.66 | 1,648.49 | 945.34 | 703.15 | 2.344 | | |
| 19,000.00 | 6,840.00 | 18,957.98 | 6,840.00 | 353.89 | 355.11 | 90.00 | 706.05 | -13,899.66 | 1,648.46 | 939.90 | 708.56 | 2.326 | | |
| 19,100.00 | 6,840.00 | 19,057.98 | 6,840.00 | 356.59 | 357.82 | 90.00 | 706.51 | -13,999.66 | 1,648.44 | 934.46 | 713.98 | 2.309 | | |
| 19,200.00 | 6,840.00 | 19,157.98 | 6,840.00 | 359.30 | 360.53 | 90.00 | 706.96 | -14,099.66 | 1,648.41 | 929.02 | 719.39 | 2.291 | | |
| 19,300.00 | 6,840.00 | 19,257.98 | 6,840.00 | 362.00 | 363.23 | 90.00 | 707.41 | -14,199.66 | 1,648.38 | 923.58 | 724.80 | 2.274 | | |
| 19,400.00 | 6,840.00 | 19,357.98 | 6,840.00 | 364.71 | 365.94 | 90.00 | 707.86 | -14,299.66 | 1,648.36 | 918.14 | 730.22 | 2.257 | | |
| 19,500.00 | 6,840.00 | 19,457.98 | 6,840.00 | 367.41 | 368.65 | 90.00 | 708.31 | -14,399.66 | 1,648.33 | 912.70 | 735.63 | 2.241 | | |
| 19,600.00 | 6,840.00 | 19,557.98 | 6,840.00 | 370.11 | 371.35 | 90.00 | 708.77 | -14,499.66 | 1,648.31 | 907.26 | 741.05 | 2.224 | | |
| 19,700.00 | 6,840.00 | 19,657.98 | 6,840.00 | 372.82 | 374.06 | 90.00 | 709.22 | -14,599.65 | 1,648.28 | 901.82 | 746.46 | 2.208 | | |
| 19,800.00 | 6,840.00 | 19,757.98 | 6,840.00 | 375.53 | 376.77 | 90.00 | 709.67 | -14,699.65 | 1,648.26 | 896.38 | 751.88 | 2.192 | | |
| 19,900.00 | 6,840.00 | 19,857.98 | 6,840.00 | 378.23 | 379.47 | 90.00 | 710.12 | -14,799.65 | 1,648.23 | 890.94 | 757.29 | 2.176 | | |
| 20,000.00 | 6,840.00 | 19,957.98 | 6,840.00 | 380.94 | 382.18 | 90.00 | 710.57 | -14,899.65 | 1,648.21 | 885.49 | 762.71 | 2.161 | | |
| 20,100.00 | 6,840.00 | 20,057.98 | 6,840.00 | 383.64 | 384.89 | 90.00 | 711.02 | -14,999.65 | 1,648.18 | 880.05 | 768.13 | 2.146 | | |
| 20,200.00 | 6,840.00 | 20,157.98 | 6,840.00 | 386.35 | 387.60 | 90.00 | 711.48 | -15,099.65 | 1,648.15 | 874.61 | 773.54 | 2.131 | | |
| 20,300.00 | 6,840.00 | 20,257.98 | 6,840.00 | 389.05 | 390.31 | 90.00 | 711.93 | -15,199.65 | 1,648.13 | 869.17 | 778.96 | 2.116 | | |
| 20,400.00 | 6,840.00 | 20,357.98 | 6,840.00 | 391.76 | 393.02 | 90.00 | 712.38 | -15,299.65 | 1,648.10 | 863.72 | 784.38 | 2.101 | | |
| 20,442.82 | 6,840.00 | 20,400.80 | 6,840.00 | 392.92 | 394.18 | 90.00 | 712.57 | -15,342.46 | 1,648.09 | 861.39 | 786.70 | 2.095 SF | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-09 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 89.98 | 0.00 | 89.98 | | | | | |
| 100.00 | 100.00 | 100.00 | 100.00 | 0.13 | 0.13 | 0.00 | 89.98 | 0.00 | 89.98 | 89.71 | 0.27 | 334.691 | | |
| 200.00 | 200.00 | 200.00 | 200.00 | 0.49 | 0.49 | 0.00 | 89.98 | 0.00 | 89.98 | 89.00 | 0.99 | 91.280 | | |
| 300.00 | 300.00 | 300.00 | 300.00 | 0.85 | 0.85 | 0.00 | 89.98 | 0.00 | 89.98 | 88.28 | 1.70 | 52.846 | | |
| 400.00 | 400.00 | 400.00 | 400.00 | 1.21 | 1.21 | 0.00 | 89.98 | 0.00 | 89.98 | 87.56 | 2.42 | 37.188 | | |
| 500.00 | 500.00 | 500.00 | 500.00 | 1.57 | 1.57 | 0.00 | 89.98 | 0.00 | 89.98 | 86.85 | 3.14 | 28.688 | CC, ES | |
| 600.00 | 599.98 | 600.02 | 599.98 | 1.92 | 1.93 | 116.77 | 89.98 | 0.00 | 90.76 | 86.91 | 3.84 | 23.620 | | |
| 700.00 | 699.84 | 700.16 | 699.84 | 2.26 | 2.29 | 119.60 | 89.98 | 0.00 | 93.23 | 88.69 | 4.55 | 20.512 | | |
| 800.00 | 799.45 | 800.55 | 799.45 | 2.62 | 2.65 | 123.95 | 89.98 | 0.00 | 97.84 | 92.58 | 5.26 | 18.600 | | |
| 900.00 | 898.70 | 901.30 | 898.70 | 2.99 | 3.01 | 129.33 | 89.98 | 0.00 | 105.16 | 99.17 | 5.99 | 17.564 | | |
| 1,000.00 | 997.47 | 997.47 | 997.47 | 3.39 | 3.35 | 135.14 | 89.98 | 0.00 | 115.76 | 109.05 | 6.71 | 17.263 | | |
| 1,100.00 | 1,095.62 | 1,097.04 | 1,097.03 | 3.81 | 3.70 | 140.25 | 90.17 | -1.63 | 129.55 | 122.11 | 7.44 | 17.423 | | |
| 1,200.00 | 1,193.06 | 1,197.02 | 1,196.86 | 4.27 | 4.05 | 143.87 | 90.73 | -6.73 | 145.68 | 137.51 | 8.17 | 17.832 | | |
| 1,300.00 | 1,289.64 | 1,297.32 | 1,296.78 | 4.77 | 4.41 | 146.29 | 91.69 | -15.32 | 163.72 | 154.80 | 8.92 | 18.353 | | |
| 1,400.00 | 1,385.27 | 1,397.89 | 1,396.61 | 5.31 | 4.77 | 147.79 | 93.04 | -27.42 | 183.38 | 173.69 | 9.69 | 18.917 | | |
| 1,500.00 | 1,479.82 | 1,498.68 | 1,496.17 | 5.91 | 5.16 | 148.57 | 94.78 | -43.03 | 204.49 | 194.00 | 10.50 | 19.481 | | |
| 1,600.00 | 1,573.19 | 1,599.66 | 1,595.29 | 6.55 | 5.56 | 148.86 | 96.91 | -62.15 | 226.91 | 215.56 | 11.34 | 20.008 | | |
| 1,700.00 | 1,666.16 | 1,701.21 | 1,694.23 | 7.23 | 6.00 | 148.66 | 99.45 | -84.86 | 248.66 | 236.43 | 12.23 | 20.336 | | |
| 1,800.00 | 1,759.13 | 1,803.32 | 1,792.84 | 7.93 | 6.48 | 147.79 | 102.39 | -111.21 | 268.83 | 255.65 | 13.18 | 20.397 | | |
| 1,900.00 | 1,852.10 | 1,905.76 | 1,890.74 | 8.64 | 7.00 | 146.38 | 105.72 | -141.12 | 287.51 | 273.30 | 14.21 | 20.234 | | |
| 2,000.00 | 1,945.06 | 2,008.24 | 1,987.56 | 9.35 | 7.56 | 144.51 | 109.45 | -174.52 | 304.89 | 289.57 | 15.33 | 19.892 | | |
| 2,100.00 | 2,038.03 | 2,109.17 | 2,081.73 | 10.08 | 8.17 | 142.31 | 113.47 | -210.59 | 321.29 | 304.75 | 16.54 | 19.419 | | |
| 2,200.00 | 2,131.00 | 2,207.09 | 2,172.80 | 10.81 | 8.80 | 140.25 | 117.46 | -246.35 | 337.81 | 320.01 | 17.80 | 18.974 | | |
| 2,300.00 | 2,223.97 | 2,305.02 | 2,263.88 | 11.54 | 9.44 | 138.39 | 121.45 | -282.10 | 354.73 | 335.62 | 19.10 | 18.570 | | |
| 2,400.00 | 2,316.94 | 2,402.94 | 2,354.95 | 12.28 | 10.11 | 136.69 | 125.43 | -317.86 | 371.97 | 351.54 | 20.43 | 18.205 | | |
| 2,500.00 | 2,409.90 | 2,500.86 | 2,446.02 | 13.02 | 10.78 | 135.14 | 129.42 | -353.62 | 389.51 | 367.72 | 21.79 | 17.877 | | |
| 2,600.00 | 2,502.87 | 2,598.78 | 2,537.10 | 13.77 | 11.47 | 133.73 | 133.41 | -389.38 | 407.31 | 384.14 | 23.17 | 17.582 | | |
| 2,700.00 | 2,595.84 | 2,703.29 | 2,628.17 | 14.51 | 12.21 | 132.43 | 137.40 | -425.14 | 425.32 | 400.71 | 24.61 | 17.284 | | |
| 2,800.00 | 2,688.81 | 2,805.37 | 2,719.24 | 15.26 | 12.94 | 131.24 | 141.39 | -460.90 | 443.53 | 417.48 | 26.05 | 17.028 | | |
| 2,900.00 | 2,781.77 | 2,907.45 | 2,810.32 | 16.01 | 13.68 | 130.15 | 145.37 | -496.65 | 461.91 | 434.41 | 27.50 | 16.797 | | |
| 3,000.00 | 2,874.74 | 3,009.52 | 2,901.39 | 16.76 | 14.43 | 129.13 | 149.36 | -532.41 | 480.45 | 451.49 | 28.96 | 16.589 | | |
| 3,100.00 | 2,967.71 | 3,088.40 | 2,992.46 | 17.52 | 15.01 | 128.19 | 153.35 | -568.17 | 499.12 | 468.86 | 30.26 | 16.492 | | |
| 3,200.00 | 3,060.68 | 3,186.32 | 3,083.54 | 18.27 | 15.74 | 127.32 | 157.34 | -603.93 | 517.91 | 486.20 | 31.71 | 16.333 | | |
| 3,300.00 | 3,153.65 | 3,284.25 | 3,174.61 | 19.03 | 16.46 | 126.51 | 161.33 | -639.69 | 536.81 | 503.65 | 33.16 | 16.188 | | |
| 3,400.00 | 3,246.61 | 3,382.17 | 3,265.68 | 19.78 | 17.19 | 125.76 | 165.31 | -675.45 | 555.80 | 521.19 | 34.62 | 16.055 | | |
| 3,500.00 | 3,339.58 | 3,480.09 | 3,356.76 | 20.54 | 17.93 | 125.05 | 169.30 | -711.20 | 574.89 | 538.81 | 36.08 | 15.934 | | |
| 3,600.00 | 3,432.55 | 3,578.02 | 3,447.83 | 21.30 | 18.66 | 124.39 | 173.29 | -746.96 | 594.05 | 556.51 | 37.54 | 15.824 | | |
| 3,700.00 | 3,525.52 | 3,675.94 | 3,538.90 | 22.06 | 19.40 | 123.77 | 177.28 | -782.72 | 613.28 | 574.27 | 39.01 | 15.722 | | |
| 3,800.00 | 3,618.49 | 3,773.86 | 3,629.98 | 22.82 | 20.14 | 123.19 | 181.27 | -818.48 | 632.58 | 592.10 | 40.48 | 15.628 | | |
| 3,900.00 | 3,711.45 | 3,871.79 | 3,721.05 | 23.57 | 20.88 | 122.65 | 185.25 | -854.24 | 651.94 | 609.99 | 41.95 | 15.542 | | |
| 4,000.00 | 3,804.42 | 3,969.71 | 3,812.12 | 24.33 | 21.63 | 122.13 | 189.24 | -890.00 | 671.35 | 627.93 | 43.42 | 15.462 | | |
| 4,100.00 | 3,897.39 | 4,067.63 | 3,903.20 | 25.09 | 22.37 | 121.64 | 193.23 | -925.75 | 690.81 | 645.92 | 44.89 | 15.387 | | |
| 4,200.00 | 3,990.36 | 4,165.56 | 3,994.27 | 25.86 | 23.12 | 121.18 | 197.22 | -961.51 | 710.32 | 663.95 | 46.37 | 15.318 | | |
| 4,300.00 | 4,083.32 | 4,263.48 | 4,085.35 | 26.62 | 23.86 | 120.75 | 201.21 | -997.27 | 729.87 | 682.02 | 47.85 | 15.254 | | |
| 4,400.00 | 4,176.29 | 4,361.40 | 4,176.42 | 27.38 | 24.61 | 120.33 | 205.19 | -1,033.03 | 749.45 | 700.13 | 49.32 | 15.194 | | |
| 4,500.00 | 4,269.26 | 4,459.33 | 4,267.49 | 28.14 | 25.36 | 119.94 | 209.18 | -1,068.79 | 769.08 | 718.27 | 50.80 | 15.139 | | |
| 4,600.00 | 4,362.23 | 4,557.25 | 4,358.57 | 28.90 | 26.11 | 119.57 | 213.17 | -1,104.55 | 788.73 | 736.45 | 52.28 | 15.086 | | |
| 4,700.00 | 4,455.20 | 4,655.17 | 4,449.64 | 29.66 | 26.86 | 119.22 | 217.16 | -1,140.31 | 808.42 | 754.66 | 53.76 | 15.037 | | |
| 4,800.00 | 4,548.16 | 4,753.09 | 4,540.71 | 30.43 | 27.61 | 118.88 | 221.15 | -1,176.06 | 828.13 | 772.89 | 55.24 | 14.991 | | |
| 4,900.00 | 4,641.13 | 4,851.02 | 4,631.79 | 31.19 | 28.36 | 118.56 | 225.13 | -1,211.82 | 847.88 | 791.15 | 56.72 | 14.948 | | |
| 5,000.00 | 4,734.10 | 4,948.94 | 4,722.86 | 31.95 | 29.11 | 118.25 | 229.12 | -1,247.58 | 867.64 | 809.44 | 58.20 | 14.907 | | |
| 5,100.00 | 4,827.07 | 5,046.86 | 4,813.93 | 32.71 | 29.87 | 117.96 | 233.11 | -1,283.34 | 887.43 | 827.75 | 59.68 | 14.869 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-09 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 5,144.79 | 4,905.01 | 33.48 | 30.62 | 117.68 | 237.10 | -1,319.10 | 907.24 | 846.07 | 61.17 | 14.833 | | |
| 5,300.00 | 5,013.00 | 5,242.71 | 4,996.08 | 34.24 | 31.37 | 117.41 | 241.09 | -1,354.86 | 927.07 | 864.42 | 62.65 | 14.798 | | |
| 5,400.00 | 5,105.97 | 5,340.63 | 5,087.15 | 35.00 | 32.13 | 117.15 | 245.08 | -1,390.61 | 946.92 | 882.79 | 64.13 | 14.766 | | |
| 5,500.00 | 5,198.94 | 5,438.56 | 5,178.23 | 35.77 | 32.88 | 116.90 | 249.06 | -1,426.37 | 966.79 | 901.17 | 65.61 | 14.735 | | |
| 5,600.00 | 5,291.91 | 5,536.48 | 5,269.30 | 36.53 | 33.64 | 116.67 | 253.05 | -1,462.13 | 986.67 | 919.58 | 67.09 | 14.706 | | |
| 5,700.00 | 5,384.87 | 5,634.40 | 5,360.37 | 37.29 | 34.39 | 116.44 | 257.04 | -1,497.89 | 1,006.57 | 937.99 | 68.58 | 14.678 | | |
| 5,800.00 | 5,477.84 | 5,732.33 | 5,451.45 | 38.06 | 35.15 | 116.22 | 261.03 | -1,533.65 | 1,026.48 | 956.42 | 70.06 | 14.652 | | |
| 5,900.00 | 5,570.81 | 5,830.25 | 5,542.52 | 38.82 | 35.90 | 116.01 | 265.02 | -1,569.41 | 1,046.41 | 974.87 | 71.54 | 14.626 | | |
| 6,000.00 | 5,663.78 | 5,928.17 | 5,633.59 | 39.59 | 36.66 | 115.81 | 269.00 | -1,605.16 | 1,066.35 | 993.32 | 73.03 | 14.603 | | |
| 6,100.00 | 5,756.75 | 6,026.10 | 5,724.67 | 40.35 | 37.42 | 115.61 | 272.99 | -1,640.92 | 1,086.30 | 1,011.79 | 74.51 | 14.580 | | |
| 6,200.00 | 5,849.71 | 6,124.02 | 5,815.74 | 41.12 | 38.17 | 115.42 | 276.98 | -1,676.68 | 1,106.27 | 1,030.28 | 75.99 | 14.558 | | |
| 6,300.00 | 5,942.68 | 6,221.94 | 5,906.82 | 41.88 | 38.93 | 115.24 | 280.97 | -1,712.44 | 1,126.24 | 1,048.77 | 77.47 | 14.537 | | |
| 6,400.00 | 6,035.65 | 6,319.87 | 5,997.89 | 42.64 | 39.69 | 115.07 | 284.96 | -1,748.20 | 1,146.23 | 1,067.27 | 78.96 | 14.517 | | |
| 6,500.00 | 6,128.62 | 6,417.79 | 6,088.96 | 43.41 | 40.45 | 114.90 | 288.94 | -1,783.96 | 1,166.22 | 1,085.78 | 80.44 | 14.498 | | |
| 6,600.00 | 6,221.59 | 6,515.71 | 6,180.04 | 44.17 | 41.20 | 114.73 | 292.93 | -1,819.71 | 1,186.23 | 1,104.31 | 81.92 | 14.480 | | |
| 6,700.00 | 6,314.55 | 6,613.64 | 6,271.11 | 44.94 | 41.96 | 114.57 | 296.92 | -1,855.47 | 1,206.24 | 1,122.84 | 83.41 | 14.462 | | |
| 6,800.00 | 6,407.52 | 6,711.56 | 6,362.18 | 45.70 | 42.72 | 114.42 | 300.91 | -1,891.23 | 1,226.27 | 1,141.38 | 84.89 | 14.445 | | |
| 6,900.00 | 6,499.98 | 6,809.51 | 6,453.28 | 46.49 | 43.48 | 109.41 | 304.90 | -1,927.00 | 1,246.21 | 1,159.82 | 86.39 | 14.426 | | |
| 7,000.00 | 6,586.50 | 6,910.06 | 6,544.79 | 47.49 | 44.35 | 101.77 | 308.93 | -1,968.25 | 1,265.00 | 1,176.83 | 88.18 | 14.346 | | |
| 7,100.00 | 6,663.58 | 7,013.30 | 6,630.06 | 48.75 | 45.55 | 97.14 | 312.77 | -2,026.07 | 1,281.82 | 1,191.22 | 90.59 | 14.149 | | |
| 7,200.00 | 6,728.87 | 7,118.60 | 6,704.92 | 50.23 | 47.09 | 94.08 | 316.26 | -2,099.83 | 1,296.12 | 1,202.47 | 93.64 | 13.841 | | |
| 7,300.00 | 6,780.38 | 7,225.85 | 6,766.01 | 51.91 | 48.94 | 92.04 | 319.23 | -2,187.74 | 1,307.44 | 1,210.17 | 97.27 | 13.441 | | |
| 7,400.00 | 6,816.56 | 7,334.75 | 6,810.22 | 53.74 | 51.06 | 90.75 | 321.54 | -2,287.07 | 1,315.42 | 1,214.05 | 101.36 | 12.977 | | |
| 7,500.00 | 6,836.29 | 7,444.83 | 6,835.03 | 55.65 | 53.34 | 90.11 | 323.07 | -2,394.13 | 1,319.78 | 1,214.02 | 105.76 | 12.479 | | |
| 7,600.00 | 6,840.00 | 7,552.08 | 6,840.00 | 57.58 | 55.62 | 90.00 | 323.78 | -2,501.16 | 1,320.60 | 1,210.44 | 110.16 | 11.988 | | |
| 7,700.00 | 6,840.00 | 7,652.08 | 6,840.00 | 59.56 | 57.77 | 90.00 | 324.24 | -2,601.16 | 1,320.58 | 1,206.16 | 114.42 | 11.541 | | |
| 7,800.00 | 6,840.00 | 7,752.08 | 6,840.00 | 61.60 | 59.97 | 90.00 | 324.70 | -2,701.16 | 1,320.56 | 1,201.78 | 118.78 | 11.118 | | |
| 7,900.00 | 6,840.00 | 7,852.08 | 6,840.00 | 63.69 | 62.21 | 90.00 | 325.16 | -2,801.16 | 1,320.55 | 1,197.32 | 123.22 | 10.717 | | |
| 8,000.00 | 6,840.00 | 7,952.08 | 6,840.00 | 65.82 | 64.49 | 90.00 | 325.62 | -2,901.16 | 1,320.53 | 1,192.78 | 127.74 | 10.337 | | |
| 8,100.00 | 6,840.00 | 8,052.08 | 6,840.00 | 67.99 | 66.80 | 90.00 | 326.08 | -3,001.15 | 1,320.51 | 1,188.18 | 132.33 | 9.979 | | |
| 8,200.00 | 6,840.00 | 8,152.08 | 6,840.00 | 70.21 | 69.14 | 90.00 | 326.54 | -3,101.15 | 1,320.49 | 1,183.51 | 136.99 | 9.640 | | |
| 8,300.00 | 6,840.00 | 8,252.08 | 6,840.00 | 72.45 | 71.51 | 90.00 | 327.00 | -3,201.15 | 1,320.48 | 1,178.78 | 141.69 | 9.319 | | |
| 8,400.00 | 6,840.00 | 8,352.08 | 6,840.00 | 74.73 | 73.90 | 90.00 | 327.46 | -3,301.15 | 1,320.46 | 1,174.01 | 146.45 | 9.016 | | |
| 8,500.00 | 6,840.00 | 8,452.08 | 6,840.00 | 77.04 | 76.31 | 90.00 | 327.92 | -3,401.15 | 1,320.44 | 1,169.19 | 151.26 | 8.730 | | |
| 8,600.00 | 6,840.00 | 8,552.08 | 6,840.00 | 79.38 | 78.75 | 90.00 | 328.38 | -3,501.15 | 1,320.43 | 1,164.32 | 156.10 | 8.459 | | |
| 8,700.00 | 6,840.00 | 8,652.08 | 6,840.00 | 81.74 | 81.20 | 90.00 | 328.84 | -3,601.15 | 1,320.41 | 1,159.42 | 160.99 | 8.202 | | |
| 8,800.00 | 6,840.00 | 8,752.08 | 6,840.00 | 84.12 | 83.67 | 90.00 | 329.30 | -3,701.15 | 1,320.39 | 1,154.49 | 165.91 | 7.959 | | |
| 8,900.00 | 6,840.00 | 8,852.08 | 6,840.00 | 86.52 | 86.15 | 90.00 | 329.76 | -3,801.15 | 1,320.37 | 1,149.52 | 170.86 | 7.728 | | |
| 9,000.00 | 6,840.00 | 8,952.08 | 6,840.00 | 88.94 | 88.65 | 90.00 | 330.22 | -3,901.14 | 1,320.36 | 1,144.52 | 175.83 | 7.509 | | |
| 9,100.00 | 6,840.00 | 9,052.08 | 6,840.00 | 91.38 | 91.16 | 90.00 | 330.68 | -4,001.14 | 1,320.34 | 1,139.50 | 180.84 | 7.301 | | |
| 9,200.00 | 6,840.00 | 9,152.08 | 6,840.00 | 93.83 | 93.68 | 90.00 | 331.14 | -4,101.14 | 1,320.32 | 1,134.45 | 185.87 | 7.103 | | |
| 9,300.00 | 6,840.00 | 9,252.08 | 6,840.00 | 96.30 | 96.21 | 90.00 | 331.60 | -4,201.14 | 1,320.31 | 1,129.38 | 190.92 | 6.915 | | |
| 9,400.00 | 6,840.00 | 9,352.08 | 6,840.00 | 98.79 | 98.75 | 90.00 | 332.06 | -4,301.14 | 1,320.29 | 1,124.29 | 196.00 | 6.736 | | |
| 9,500.00 | 6,840.00 | 9,452.08 | 6,840.00 | 101.28 | 101.30 | 90.00 | 332.52 | -4,401.14 | 1,320.27 | 1,119.18 | 201.09 | 6.566 | | |
| 9,600.00 | 6,840.00 | 9,552.08 | 6,840.00 | 103.79 | 103.86 | 90.00 | 332.98 | -4,501.14 | 1,320.26 | 1,114.06 | 206.20 | 6.403 | | |
| 9,700.00 | 6,840.00 | 9,652.08 | 6,840.00 | 106.30 | 106.43 | 90.00 | 333.44 | -4,601.14 | 1,320.24 | 1,108.91 | 211.33 | 6.247 | | |
| 9,800.00 | 6,840.00 | 9,752.08 | 6,840.00 | 108.83 | 109.01 | 90.00 | 333.90 | -4,701.14 | 1,320.22 | 1,103.75 | 216.47 | 6.099 | | |
| 9,900.00 | 6,840.00 | 9,852.08 | 6,840.00 | 111.37 | 111.59 | 90.00 | 334.36 | -4,801.14 | 1,320.20 | 1,098.58 | 221.62 | 5.957 | | |
| 10,000.00 | 6,840.00 | 9,952.08 | 6,840.00 | 113.91 | 114.18 | 90.00 | 334.82 | -4,901.13 | 1,320.19 | 1,093.39 | 226.79 | 5.821 | | |
| 10,100.00 | 6,840.00 | 10,052.08 | 6,840.00 | 116.47 | 116.77 | 90.00 | 335.28 | -5,001.13 | 1,320.17 | 1,088.19 | 231.98 | 5.691 | | |
| 10,200.00 | 6,840.00 | 10,152.08 | 6,840.00 | 119.03 | 119.37 | 90.00 | 335.74 | -5,101.13 | 1,320.15 | 1,082.98 | 237.17 | 5.566 | | |
| 10,300.00 | 6,840.00 | 10,252.08 | 6,840.00 | 121.59 | 121.98 | 90.00 | 336.20 | -5,201.13 | 1,320.14 | 1,077.76 | 242.37 | 5.447 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-09 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 10,352.08 | 6,840.00 | 124.17 | 124.59 | 90.00 | 336.66 | -5,301.13 | 1,320.12 | 1,072.53 | 247.59 | 5.332 | | |
| 10,500.00 | 6,840.00 | 10,452.08 | 6,840.00 | 126.75 | 127.20 | 90.00 | 337.12 | -5,401.13 | 1,320.10 | 1,067.29 | 252.81 | 5.222 | | |
| 10,600.00 | 6,840.00 | 10,552.08 | 6,840.00 | 129.34 | 129.82 | 90.00 | 337.58 | -5,501.13 | 1,320.08 | 1,062.04 | 258.04 | 5.116 | | |
| 10,700.00 | 6,840.00 | 10,652.08 | 6,840.00 | 131.93 | 132.45 | 90.00 | 338.04 | -5,601.13 | 1,320.07 | 1,056.78 | 263.29 | 5.014 | | |
| 10,800.00 | 6,840.00 | 10,752.08 | 6,840.00 | 134.53 | 135.07 | 90.00 | 338.50 | -5,701.13 | 1,320.05 | 1,051.51 | 268.53 | 4.916 | | |
| 10,900.00 | 6,840.00 | 10,852.08 | 6,840.00 | 137.13 | 137.71 | 90.00 | 338.96 | -5,801.12 | 1,320.03 | 1,046.24 | 273.79 | 4.821 | | |
| 11,000.00 | 6,840.00 | 10,952.08 | 6,840.00 | 139.73 | 140.34 | 90.00 | 339.42 | -5,901.12 | 1,320.02 | 1,040.96 | 279.05 | 4.730 | | |
| 11,100.00 | 6,840.00 | 11,052.08 | 6,840.00 | 142.35 | 142.98 | 90.00 | 339.88 | -6,001.12 | 1,320.00 | 1,035.67 | 284.32 | 4.643 | | |
| 11,200.00 | 6,840.00 | 11,152.08 | 6,840.00 | 144.96 | 145.62 | 90.00 | 340.34 | -6,101.12 | 1,319.98 | 1,030.38 | 289.60 | 4.558 | | |
| 11,300.00 | 6,840.00 | 11,252.08 | 6,840.00 | 147.58 | 148.26 | 90.00 | 340.80 | -6,201.12 | 1,319.96 | 1,025.08 | 294.88 | 4.476 | | |
| 11,400.00 | 6,840.00 | 11,352.08 | 6,840.00 | 150.20 | 150.91 | 90.00 | 341.26 | -6,301.12 | 1,319.95 | 1,019.78 | 300.17 | 4.397 | | |
| 11,500.00 | 6,840.00 | 11,452.08 | 6,840.00 | 152.83 | 153.55 | 90.00 | 341.72 | -6,401.12 | 1,319.93 | 1,014.46 | 305.46 | 4.321 | | |
| 11,600.00 | 6,840.00 | 11,552.08 | 6,840.00 | 155.46 | 156.21 | 90.00 | 342.18 | -6,501.12 | 1,319.91 | 1,009.15 | 310.76 | 4.247 | | |
| 11,700.00 | 6,840.00 | 11,652.08 | 6,840.00 | 158.09 | 158.86 | 90.00 | 342.65 | -6,601.12 | 1,319.90 | 1,003.83 | 316.07 | 4.176 | | |
| 11,800.00 | 6,840.00 | 11,752.08 | 6,840.00 | 160.73 | 161.51 | 90.00 | 343.11 | -6,701.11 | 1,319.88 | 998.50 | 321.37 | 4.107 | | |
| 11,900.00 | 6,840.00 | 11,852.08 | 6,840.00 | 163.36 | 164.17 | 90.00 | 343.57 | -6,801.11 | 1,319.86 | 993.18 | 326.69 | 4.040 | | |
| 12,000.00 | 6,840.00 | 11,952.08 | 6,840.00 | 166.01 | 166.83 | 90.00 | 344.03 | -6,901.11 | 1,319.84 | 987.84 | 332.00 | 3.975 | | |
| 12,100.00 | 6,840.00 | 12,052.08 | 6,840.00 | 168.65 | 169.49 | 90.00 | 344.49 | -7,001.11 | 1,319.83 | 982.50 | 337.32 | 3.913 | | |
| 12,200.00 | 6,840.00 | 12,152.08 | 6,840.00 | 171.30 | 172.16 | 90.00 | 344.95 | -7,101.11 | 1,319.81 | 977.16 | 342.65 | 3.852 | | |
| 12,300.00 | 6,840.00 | 12,252.08 | 6,840.00 | 173.94 | 174.82 | 90.00 | 345.41 | -7,201.11 | 1,319.79 | 971.82 | 347.97 | 3.793 | | |
| 12,400.00 | 6,840.00 | 12,352.08 | 6,840.00 | 176.59 | 177.49 | 90.00 | 345.87 | -7,301.11 | 1,319.78 | 966.47 | 353.30 | 3.736 | | |
| 12,500.00 | 6,840.00 | 12,452.08 | 6,840.00 | 179.25 | 180.16 | 90.00 | 346.33 | -7,401.11 | 1,319.76 | 961.12 | 358.64 | 3.680 | | |
| 12,600.00 | 6,840.00 | 12,552.08 | 6,840.00 | 181.90 | 182.83 | 90.00 | 346.79 | -7,501.11 | 1,319.74 | 955.77 | 363.98 | 3.626 | | |
| 12,700.00 | 6,840.00 | 12,652.08 | 6,840.00 | 184.56 | 185.50 | 90.00 | 347.25 | -7,601.11 | 1,319.72 | 950.41 | 369.32 | 3.573 | | |
| 12,800.00 | 6,840.00 | 12,752.08 | 6,840.00 | 187.22 | 188.17 | 90.00 | 347.71 | -7,701.10 | 1,319.71 | 945.05 | 374.66 | 3.522 | | |
| 12,900.00 | 6,840.00 | 12,852.08 | 6,840.00 | 189.88 | 190.84 | 90.00 | 348.17 | -7,801.10 | 1,319.69 | 939.68 | 380.01 | 3.473 | | |
| 13,000.00 | 6,840.00 | 12,952.08 | 6,840.00 | 192.54 | 193.52 | 90.00 | 348.63 | -7,901.10 | 1,319.67 | 934.32 | 385.35 | 3.425 | | |
| 13,100.00 | 6,840.00 | 13,052.08 | 6,840.00 | 195.20 | 196.20 | 90.00 | 349.09 | -8,001.10 | 1,319.66 | 928.95 | 390.71 | 3.378 | | |
| 13,200.00 | 6,840.00 | 13,152.08 | 6,840.00 | 197.87 | 198.87 | 90.00 | 349.55 | -8,101.10 | 1,319.64 | 923.58 | 396.06 | 3.332 | | |
| 13,300.00 | 6,840.00 | 13,252.08 | 6,840.00 | 200.53 | 201.55 | 90.00 | 350.01 | -8,201.10 | 1,319.62 | 918.21 | 401.41 | 3.287 | | |
| 13,400.00 | 6,840.00 | 13,352.08 | 6,840.00 | 203.20 | 204.23 | 90.00 | 350.47 | -8,301.10 | 1,319.60 | 912.83 | 406.77 | 3.244 | | |
| 13,500.00 | 6,840.00 | 13,452.08 | 6,840.00 | 205.87 | 206.91 | 90.00 | 350.93 | -8,401.10 | 1,319.59 | 907.46 | 412.13 | 3.202 | | |
| 13,600.00 | 6,840.00 | 13,552.08 | 6,840.00 | 208.54 | 209.60 | 90.00 | 351.39 | -8,501.10 | 1,319.57 | 902.08 | 417.49 | 3.161 | | |
| 13,700.00 | 6,840.00 | 13,652.08 | 6,840.00 | 211.22 | 212.28 | 90.00 | 351.85 | -8,601.09 | 1,319.55 | 896.69 | 422.86 | 3.121 | | |
| 13,800.00 | 6,840.00 | 13,752.08 | 6,840.00 | 213.89 | 214.96 | 90.00 | 352.31 | -8,701.09 | 1,319.54 | 891.31 | 428.22 | 3.081 | | |
| 13,900.00 | 6,840.00 | 13,852.08 | 6,840.00 | 216.56 | 217.65 | 90.00 | 352.77 | -8,801.09 | 1,319.52 | 885.93 | 433.59 | 3.043 | | |
| 14,000.00 | 6,840.00 | 13,952.08 | 6,840.00 | 219.24 | 220.33 | 90.00 | 353.23 | -8,901.09 | 1,319.50 | 880.54 | 438.96 | 3.006 | | |
| 14,100.00 | 6,840.00 | 14,052.08 | 6,840.00 | 221.92 | 223.02 | 90.00 | 353.69 | -9,001.09 | 1,319.49 | 875.15 | 444.33 | 2.970 | | |
| 14,200.00 | 6,840.00 | 14,152.08 | 6,840.00 | 224.59 | 225.71 | 90.00 | 354.15 | -9,101.09 | 1,319.47 | 869.76 | 449.71 | 2.934 | | |
| 14,300.00 | 6,840.00 | 14,252.08 | 6,840.00 | 227.27 | 228.40 | 90.00 | 354.61 | -9,201.09 | 1,319.45 | 864.37 | 455.08 | 2.899 | | |
| 14,400.00 | 6,840.00 | 14,352.08 | 6,840.00 | 229.95 | 231.08 | 90.00 | 355.07 | -9,301.09 | 1,319.43 | 858.98 | 460.46 | 2.865 | | |
| 14,500.00 | 6,840.00 | 14,452.08 | 6,840.00 | 232.63 | 233.77 | 90.00 | 355.53 | -9,401.09 | 1,319.42 | 853.58 | 465.83 | 2.832 | | |
| 14,600.00 | 6,840.00 | 14,552.08 | 6,840.00 | 235.31 | 236.46 | 90.00 | 355.99 | -9,501.09 | 1,319.40 | 848.19 | 471.21 | 2.800 | | |
| 14,700.00 | 6,840.00 | 14,652.08 | 6,840.00 | 238.00 | 239.15 | 90.00 | 356.45 | -9,601.08 | 1,319.38 | 842.79 | 476.59 | 2.768 | | |
| 14,800.00 | 6,840.00 | 14,752.08 | 6,840.00 | 240.68 | 241.85 | 90.00 | 356.91 | -9,701.08 | 1,319.37 | 837.39 | 481.98 | 2.737 | | |
| 14,900.00 | 6,840.00 | 14,852.08 | 6,840.00 | 243.36 | 244.54 | 90.00 | 357.37 | -9,801.08 | 1,319.35 | 831.99 | 487.36 | 2.707 | | |
| 15,000.00 | 6,840.00 | 14,952.08 | 6,840.00 | 246.05 | 247.23 | 90.00 | 357.83 | -9,901.08 | 1,319.33 | 826.59 | 492.74 | 2.678 | | |
| 15,100.00 | 6,840.00 | 15,052.08 | 6,840.00 | 248.74 | 249.92 | 90.00 | 358.29 | -10,001.08 | 1,319.31 | 821.19 | 498.13 | 2.649 | | |
| 15,200.00 | 6,840.00 | 15,152.08 | 6,840.00 | 251.42 | 252.62 | 90.00 | 358.75 | -10,101.08 | 1,319.30 | 815.78 | 503.52 | 2.620 | | |
| 15,300.00 | 6,840.00 | 15,252.08 | 6,840.00 | 254.11 | 255.31 | 90.00 | 359.21 | -10,201.08 | 1,319.28 | 810.38 | 508.90 | 2.592 | | |
| 15,400.00 | 6,840.00 | 15,352.08 | 6,840.00 | 256.80 | 258.01 | 90.00 | 359.67 | -10,301.08 | 1,319.26 | 804.97 | 514.29 | 2.565 | | |
| 15,500.00 | 6,840.00 | 15,452.08 | 6,840.00 | 259.49 | 260.70 | 90.00 | 360.13 | -10,401.08 | 1,319.25 | 799.56 | 519.68 | 2.539 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-09 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,600.00 | 6,840.00 | 15,552.08 | 6,840.00 | 262.17 | 263.40 | 90.00 | 360.59 | -10,501.07 | 1,319.23 | 794.16 | 525.07 | 2.512 | | |
| 15,700.00 | 6,840.00 | 15,652.08 | 6,840.00 | 264.86 | 266.10 | 90.00 | 361.05 | -10,601.07 | 1,319.21 | 788.75 | 530.46 | 2.487 | | |
| 15,800.00 | 6,840.00 | 15,752.08 | 6,840.00 | 267.55 | 268.79 | 90.00 | 361.52 | -10,701.07 | 1,319.19 | 783.34 | 535.86 | 2.462 | | |
| 15,900.00 | 6,840.00 | 15,852.08 | 6,840.00 | 270.25 | 271.49 | 90.00 | 361.98 | -10,801.07 | 1,319.18 | 777.93 | 541.25 | 2.437 | | |
| 16,000.00 | 6,840.00 | 15,952.08 | 6,840.00 | 272.94 | 274.19 | 90.00 | 362.44 | -10,901.07 | 1,319.16 | 772.51 | 546.65 | 2.413 | | |
| 16,100.00 | 6,840.00 | 16,052.08 | 6,840.00 | 275.63 | 276.89 | 90.00 | 362.90 | -11,001.07 | 1,319.14 | 767.10 | 552.04 | 2.390 | | |
| 16,200.00 | 6,840.00 | 16,152.08 | 6,840.00 | 278.32 | 279.58 | 90.00 | 363.36 | -11,101.07 | 1,319.13 | 761.69 | 557.44 | 2.366 | | |
| 16,300.00 | 6,840.00 | 16,252.08 | 6,840.00 | 281.02 | 282.28 | 90.00 | 363.82 | -11,201.07 | 1,319.11 | 756.27 | 562.84 | 2.344 | | |
| 16,400.00 | 6,840.00 | 16,352.08 | 6,840.00 | 283.71 | 284.98 | 90.00 | 364.28 | -11,301.07 | 1,319.09 | 750.86 | 568.23 | 2.321 | | |
| 16,500.00 | 6,840.00 | 16,452.08 | 6,840.00 | 286.40 | 287.68 | 90.00 | 364.74 | -11,401.07 | 1,319.07 | 745.44 | 573.63 | 2.300 | | |
| 16,600.00 | 6,840.00 | 16,552.08 | 6,840.00 | 289.10 | 290.38 | 90.00 | 365.20 | -11,501.06 | 1,319.06 | 740.02 | 579.03 | 2.278 | | |
| 16,700.00 | 6,840.00 | 16,652.08 | 6,840.00 | 291.79 | 293.08 | 90.00 | 365.66 | -11,601.06 | 1,319.04 | 734.61 | 584.43 | 2.257 | | |
| 16,800.00 | 6,840.00 | 16,752.08 | 6,840.00 | 294.49 | 295.78 | 90.00 | 366.12 | -11,701.06 | 1,319.02 | 729.19 | 589.83 | 2.236 | | |
| 16,900.00 | 6,840.00 | 16,852.08 | 6,840.00 | 297.19 | 298.49 | 90.00 | 366.58 | -11,801.06 | 1,319.01 | 723.77 | 595.24 | 2.216 | | |
| 17,000.00 | 6,840.00 | 16,952.08 | 6,840.00 | 299.88 | 301.19 | 90.00 | 367.04 | -11,901.06 | 1,318.99 | 718.35 | 600.64 | 2.196 | | |
| 17,100.00 | 6,840.00 | 17,052.08 | 6,840.00 | 302.58 | 303.89 | 90.00 | 367.50 | -12,001.06 | 1,318.97 | 712.93 | 606.04 | 2.176 | | |
| 17,200.00 | 6,840.00 | 17,152.08 | 6,840.00 | 305.28 | 306.59 | 90.00 | 367.96 | -12,101.06 | 1,318.95 | 707.51 | 611.45 | 2.157 | | |
| 17,300.00 | 6,840.00 | 17,252.08 | 6,840.00 | 307.97 | 309.29 | 90.00 | 368.42 | -12,201.06 | 1,318.94 | 702.09 | 616.85 | 2.138 | | |
| 17,400.00 | 6,840.00 | 17,352.08 | 6,840.00 | 310.67 | 312.00 | 90.00 | 368.88 | -12,301.06 | 1,318.92 | 696.67 | 622.25 | 2.120 | | |
| 17,500.00 | 6,840.00 | 17,452.08 | 6,840.00 | 313.37 | 314.70 | 90.00 | 369.34 | -12,401.05 | 1,318.90 | 691.24 | 627.66 | 2.101 | | |
| 17,600.00 | 6,840.00 | 17,552.08 | 6,840.00 | 316.07 | 317.40 | 90.00 | 369.80 | -12,501.05 | 1,318.89 | 685.82 | 633.07 | 2.083 | | |
| 17,700.00 | 6,840.00 | 17,652.08 | 6,840.00 | 318.77 | 320.11 | 90.00 | 370.26 | -12,601.05 | 1,318.87 | 680.40 | 638.47 | 2.066 | | |
| 17,800.00 | 6,840.00 | 17,752.08 | 6,840.00 | 321.47 | 322.81 | 90.00 | 370.72 | -12,701.05 | 1,318.85 | 674.97 | 643.88 | 2.048 | | |
| 17,900.00 | 6,840.00 | 17,852.08 | 6,840.00 | 324.17 | 325.52 | 90.00 | 371.18 | -12,801.05 | 1,318.83 | 669.55 | 649.29 | 2.031 | | |
| 18,000.00 | 6,840.00 | 17,952.08 | 6,840.00 | 326.87 | 328.22 | 90.00 | 371.64 | -12,901.05 | 1,318.82 | 664.12 | 654.70 | 2.014 | | |
| 18,100.00 | 6,840.00 | 18,052.08 | 6,840.00 | 329.57 | 330.93 | 90.00 | 372.10 | -13,001.05 | 1,318.80 | 658.69 | 660.11 | 1.998 | | |
| 18,200.00 | 6,840.00 | 18,152.08 | 6,840.00 | 332.27 | 333.63 | 90.00 | 372.56 | -13,101.05 | 1,318.78 | 653.27 | 665.52 | 1.982 | | |
| 18,300.00 | 6,840.00 | 18,252.08 | 6,840.00 | 334.97 | 336.34 | 90.00 | 373.02 | -13,201.05 | 1,318.77 | 647.84 | 670.93 | 1.966 | | |
| 18,400.00 | 6,840.00 | 18,352.08 | 6,840.00 | 337.67 | 339.04 | 90.00 | 373.48 | -13,301.05 | 1,318.75 | 642.41 | 676.34 | 1.950 | | |
| 18,500.00 | 6,840.00 | 18,452.08 | 6,840.00 | 340.38 | 341.75 | 90.00 | 373.94 | -13,401.04 | 1,318.73 | 636.99 | 681.75 | 1.934 | | |
| 18,600.00 | 6,840.00 | 18,552.08 | 6,840.00 | 343.08 | 344.45 | 90.00 | 374.40 | -13,501.04 | 1,318.72 | 631.56 | 687.16 | 1.919 | | |
| 18,700.00 | 6,840.00 | 18,652.08 | 6,840.00 | 345.78 | 347.16 | 90.00 | 374.86 | -13,601.04 | 1,318.70 | 626.13 | 692.57 | 1.904 | | |
| 18,800.00 | 6,840.00 | 18,752.08 | 6,840.00 | 348.48 | 349.87 | 90.00 | 375.32 | -13,701.04 | 1,318.68 | 620.70 | 697.98 | 1.889 | | |
| 18,900.00 | 6,840.00 | 18,852.08 | 6,840.00 | 351.19 | 352.57 | 90.00 | 375.78 | -13,801.04 | 1,318.66 | 615.27 | 703.39 | 1.875 | | |
| 19,000.00 | 6,840.00 | 18,952.08 | 6,840.00 | 353.89 | 355.28 | 90.00 | 376.24 | -13,901.04 | 1,318.65 | 609.84 | 708.81 | 1.860 | | |
| 19,100.00 | 6,840.00 | 19,052.08 | 6,840.00 | 356.59 | 357.99 | 90.00 | 376.70 | -14,001.04 | 1,318.63 | 604.41 | 714.22 | 1.846 | | |
| 19,200.00 | 6,840.00 | 19,152.08 | 6,840.00 | 359.30 | 360.69 | 90.00 | 377.16 | -14,101.04 | 1,318.61 | 598.98 | 719.64 | 1.832 | | |
| 19,300.00 | 6,840.00 | 19,252.08 | 6,840.00 | 362.00 | 363.40 | 90.00 | 377.62 | -14,201.04 | 1,318.60 | 593.55 | 725.05 | 1.819 | | |
| 19,400.00 | 6,840.00 | 19,352.08 | 6,840.00 | 364.71 | 366.11 | 90.00 | 378.08 | -14,301.03 | 1,318.58 | 588.11 | 730.46 | 1.805 | | |
| 19,500.00 | 6,840.00 | 19,452.08 | 6,840.00 | 367.41 | 368.82 | 90.00 | 378.54 | -14,401.03 | 1,318.56 | 582.68 | 735.88 | 1.792 | | |
| 19,600.00 | 6,840.00 | 19,552.08 | 6,840.00 | 370.11 | 371.52 | 90.00 | 379.00 | -14,501.03 | 1,318.54 | 577.25 | 741.29 | 1.779 | | |
| 19,700.00 | 6,840.00 | 19,652.08 | 6,840.00 | 372.82 | 374.23 | 90.00 | 379.46 | -14,601.03 | 1,318.53 | 571.82 | 746.71 | 1.766 | | |
| 19,800.00 | 6,840.00 | 19,752.08 | 6,840.00 | 375.53 | 376.94 | 90.00 | 379.92 | -14,701.03 | 1,318.51 | 566.38 | 752.13 | 1.753 | | |
| 19,900.00 | 6,840.00 | 19,852.08 | 6,840.00 | 378.23 | 379.65 | 90.00 | 380.38 | -14,801.03 | 1,318.49 | 560.95 | 757.54 | 1.740 | | |
| 20,000.00 | 6,840.00 | 19,952.08 | 6,840.00 | 380.94 | 382.36 | 90.00 | 380.85 | -14,901.03 | 1,318.48 | 555.52 | 762.96 | 1.728 | | |
| 20,100.00 | 6,840.00 | 20,052.08 | 6,840.00 | 383.64 | 385.07 | 90.00 | 381.31 | -15,001.03 | 1,318.46 | 550.08 | 768.38 | 1.716 | | |
| 20,200.00 | 6,840.00 | 20,152.08 | 6,840.00 | 386.35 | 387.77 | 90.00 | 381.77 | -15,101.03 | 1,318.44 | 544.65 | 773.79 | 1.704 | | |
| 20,300.00 | 6,840.00 | 20,252.08 | 6,840.00 | 389.05 | 390.48 | 90.00 | 382.23 | -15,201.03 | 1,318.42 | 539.21 | 779.21 | 1.692 | | |
| 20,400.00 | 6,840.00 | 20,352.08 | 6,840.00 | 391.76 | 393.19 | 90.00 | 382.69 | -15,301.02 | 1,318.41 | 533.78 | 784.63 | 1.680 | | |
| 20,442.82 | 6,840.00 | 20,394.90 | 6,840.00 | 392.92 | 394.35 | 90.00 | 382.88 | -15,343.84 | 1,318.40 | 531.45 | 786.95 | 1.675 SF | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-10 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 1.00 | -1.00 | 0.00 | 0.00 | 0.00 | 68.12 | 0.00 | 68.12 | | | | | |
| 100.00 | 100.00 | 101.00 | 99.00 | 0.13 | 0.14 | 0.00 | 68.12 | 0.00 | 68.12 | 67.85 | 0.27 | 250.056 | | |
| 200.00 | 200.00 | 201.00 | 199.00 | 0.49 | 0.50 | 0.00 | 68.12 | 0.00 | 68.12 | 67.14 | 0.99 | 68.856 | | |
| 300.00 | 300.00 | 301.00 | 299.00 | 0.85 | 0.85 | 0.00 | 68.12 | 0.00 | 68.12 | 66.42 | 1.71 | 39.925 | | |
| 400.00 | 400.00 | 401.00 | 399.00 | 1.21 | 1.21 | 0.00 | 68.12 | 0.00 | 68.12 | 65.70 | 2.42 | 28.113 | | |
| 500.00 | 500.00 | 501.00 | 499.00 | 1.57 | 1.57 | 0.00 | 68.12 | 0.00 | 68.12 | 64.98 | 3.14 | 21.694 CC, ES | | |
| 600.00 | 599.98 | 601.02 | 598.98 | 1.92 | 1.93 | 117.09 | 68.12 | 0.00 | 68.90 | 65.06 | 3.85 | 17.916 | | |
| 700.00 | 699.84 | 701.16 | 698.84 | 2.26 | 2.29 | 120.78 | 68.12 | 0.00 | 71.44 | 66.89 | 4.55 | 15.704 | | |
| 800.00 | 799.45 | 801.55 | 798.45 | 2.62 | 2.65 | 126.32 | 68.12 | 0.00 | 76.27 | 71.01 | 5.26 | 14.491 | | |
| 900.00 | 898.70 | 897.70 | 897.70 | 2.99 | 2.99 | 132.88 | 68.12 | 0.00 | 84.09 | 78.12 | 5.97 | 14.080 | | |
| 1,000.00 | 997.47 | 997.88 | 997.86 | 3.39 | 3.34 | 138.78 | 68.06 | -1.67 | 94.76 | 88.06 | 6.69 | 14.157 | | |
| 1,100.00 | 1,095.62 | 1,098.46 | 1,098.30 | 3.81 | 3.69 | 142.93 | 67.87 | -6.87 | 107.29 | 99.87 | 7.42 | 14.465 | | |
| 1,200.00 | 1,193.06 | 1,199.40 | 1,198.85 | 4.27 | 4.05 | 145.69 | 67.55 | -15.62 | 121.26 | 113.11 | 8.16 | 14.869 | | |
| 1,300.00 | 1,289.64 | 1,300.67 | 1,299.36 | 4.77 | 4.42 | 147.41 | 67.10 | -27.95 | 136.41 | 127.50 | 8.91 | 15.303 | | |
| 1,400.00 | 1,385.27 | 1,402.25 | 1,399.68 | 5.31 | 4.81 | 148.34 | 66.51 | -43.88 | 152.59 | 142.89 | 9.70 | 15.731 | | |
| 1,500.00 | 1,479.82 | 1,504.10 | 1,499.63 | 5.91 | 5.23 | 148.68 | 65.79 | -63.42 | 169.70 | 159.18 | 10.52 | 16.129 | | |
| 1,600.00 | 1,573.19 | 1,606.22 | 1,599.08 | 6.55 | 5.67 | 148.62 | 64.94 | -86.55 | 187.64 | 176.25 | 11.39 | 16.477 | | |
| 1,700.00 | 1,666.16 | 1,708.87 | 1,698.17 | 7.23 | 6.16 | 148.03 | 63.96 | -113.36 | 204.48 | 192.17 | 12.31 | 16.611 | | |
| 1,800.00 | 1,759.13 | 1,812.01 | 1,796.68 | 7.93 | 6.69 | 146.72 | 62.83 | -143.85 | 219.33 | 206.02 | 13.31 | 16.479 | | |
| 1,900.00 | 1,852.10 | 1,915.37 | 1,894.25 | 8.64 | 7.28 | 144.82 | 61.58 | -177.94 | 232.34 | 217.93 | 14.41 | 16.124 | | |
| 2,000.00 | 1,945.06 | 2,015.79 | 1,988.07 | 9.35 | 7.89 | 142.59 | 60.26 | -213.73 | 244.14 | 228.54 | 15.60 | 15.652 | | |
| 2,100.00 | 2,038.03 | 2,114.68 | 2,080.37 | 10.08 | 8.52 | 140.56 | 58.96 | -249.17 | 256.16 | 239.33 | 16.84 | 15.216 | | |
| 2,200.00 | 2,131.00 | 2,213.56 | 2,172.67 | 10.81 | 9.17 | 138.72 | 57.66 | -284.61 | 268.48 | 250.37 | 18.11 | 14.821 | | |
| 2,300.00 | 2,223.97 | 2,312.44 | 2,264.98 | 11.54 | 9.84 | 137.03 | 56.35 | -320.04 | 281.05 | 261.62 | 19.43 | 14.467 | | |
| 2,400.00 | 2,316.94 | 2,411.32 | 2,357.28 | 12.28 | 10.52 | 135.49 | 55.05 | -355.48 | 293.83 | 273.06 | 20.77 | 14.148 | | |
| 2,500.00 | 2,409.90 | 2,510.20 | 2,449.58 | 13.02 | 11.20 | 134.08 | 53.75 | -390.92 | 306.81 | 284.68 | 22.13 | 13.862 | | |
| 2,600.00 | 2,502.87 | 2,609.08 | 2,541.89 | 13.77 | 11.90 | 132.79 | 52.44 | -426.36 | 319.96 | 296.44 | 23.52 | 13.605 | | |
| 2,700.00 | 2,595.84 | 2,707.96 | 2,634.19 | 14.51 | 12.60 | 131.59 | 51.14 | -461.80 | 333.26 | 308.34 | 24.92 | 13.374 | | |
| 2,800.00 | 2,688.81 | 2,806.85 | 2,726.49 | 15.26 | 13.31 | 130.49 | 49.84 | -497.24 | 346.69 | 320.35 | 26.33 | 13.166 | | |
| 2,900.00 | 2,781.77 | 2,905.73 | 2,818.80 | 16.01 | 14.02 | 129.47 | 48.53 | -532.67 | 360.23 | 332.47 | 27.76 | 12.978 | | |
| 3,000.00 | 2,874.74 | 3,004.61 | 2,911.10 | 16.76 | 14.73 | 128.52 | 47.23 | -568.11 | 373.88 | 344.69 | 29.19 | 12.808 | | |
| 3,100.00 | 2,967.71 | 3,103.49 | 3,003.41 | 17.52 | 15.45 | 127.64 | 45.93 | -603.55 | 387.62 | 356.99 | 30.63 | 12.653 | | |
| 3,200.00 | 3,060.68 | 3,202.37 | 3,095.71 | 18.27 | 16.18 | 126.83 | 44.62 | -638.99 | 401.45 | 369.37 | 32.08 | 12.512 | | |
| 3,300.00 | 3,153.65 | 3,301.25 | 3,188.01 | 19.03 | 16.90 | 126.06 | 43.32 | -674.43 | 415.35 | 381.82 | 33.54 | 12.384 | | |
| 3,400.00 | 3,246.61 | 3,400.13 | 3,280.32 | 19.78 | 17.63 | 125.35 | 42.01 | -709.86 | 429.32 | 394.33 | 35.00 | 12.267 | | |
| 3,500.00 | 3,339.58 | 3,500.99 | 3,372.62 | 20.54 | 18.37 | 124.68 | 40.71 | -745.30 | 443.36 | 406.88 | 36.48 | 12.154 | | |
| 3,600.00 | 3,432.55 | 3,602.10 | 3,464.92 | 21.30 | 19.12 | 124.05 | 39.41 | -780.74 | 457.45 | 419.48 | 37.96 | 12.050 | | |
| 3,700.00 | 3,525.52 | 3,703.22 | 3,557.23 | 22.06 | 19.87 | 123.46 | 38.10 | -816.18 | 471.58 | 432.14 | 39.45 | 11.954 | | |
| 3,800.00 | 3,618.49 | 3,804.34 | 3,649.53 | 22.82 | 20.62 | 122.90 | 36.80 | -851.62 | 485.77 | 444.83 | 40.94 | 11.866 | | |
| 3,900.00 | 3,711.45 | 3,905.46 | 3,741.83 | 23.57 | 21.37 | 122.37 | 35.50 | -887.06 | 500.00 | 457.57 | 42.43 | 11.784 | | |
| 4,000.00 | 3,804.42 | 4,006.58 | 3,834.14 | 24.33 | 22.13 | 121.88 | 34.19 | -922.49 | 514.26 | 470.34 | 43.93 | 11.708 | | |
| 4,100.00 | 3,897.39 | 4,107.70 | 3,926.44 | 25.09 | 22.88 | 121.41 | 32.89 | -957.93 | 528.57 | 483.15 | 45.42 | 11.637 | | |
| 4,200.00 | 3,990.36 | 4,208.82 | 4,018.74 | 25.86 | 23.64 | 120.96 | 31.59 | -993.37 | 542.90 | 495.98 | 46.92 | 11.571 | | |
| 4,300.00 | 4,083.32 | 4,309.94 | 4,111.05 | 26.62 | 24.39 | 120.54 | 30.28 | -1,028.81 | 557.27 | 508.85 | 48.42 | 11.510 | | |
| 4,400.00 | 4,176.29 | 4,388.95 | 4,203.35 | 27.38 | 24.99 | 120.14 | 28.98 | -1,064.25 | 571.66 | 521.91 | 49.75 | 11.490 | | |
| 4,500.00 | 4,269.26 | 4,487.83 | 4,295.66 | 28.14 | 25.73 | 119.76 | 27.68 | -1,099.68 | 586.08 | 534.85 | 51.24 | 11.439 | | |
| 4,600.00 | 4,362.23 | 4,586.71 | 4,387.96 | 28.90 | 26.47 | 119.40 | 26.37 | -1,135.12 | 600.53 | 547.81 | 52.72 | 11.390 | | |
| 4,700.00 | 4,455.20 | 4,685.59 | 4,480.26 | 29.66 | 27.21 | 119.05 | 25.07 | -1,170.56 | 615.00 | 560.79 | 54.21 | 11.345 | | |
| 4,800.00 | 4,548.16 | 4,784.47 | 4,572.57 | 30.43 | 27.95 | 118.72 | 23.77 | -1,206.00 | 629.48 | 573.79 | 55.69 | 11.302 | | |
| 4,900.00 | 4,641.13 | 4,883.35 | 4,664.87 | 31.19 | 28.70 | 118.40 | 22.46 | -1,241.44 | 643.99 | 586.81 | 57.18 | 11.262 | | |
| 5,000.00 | 4,734.10 | 4,982.23 | 4,757.17 | 31.95 | 29.44 | 118.10 | 21.16 | -1,276.88 | 658.52 | 599.85 | 58.67 | 11.224 | | |
| 5,100.00 | 4,827.07 | 5,081.11 | 4,849.48 | 32.71 | 30.19 | 117.82 | 19.86 | -1,312.31 | 673.06 | 612.90 | 60.16 | 11.188 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-10 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 5,180.00 | 4,941.78 | 33.48 | 30.93 | 117.54 | 18.55 | -1,347.75 | 687.62 | 625.97 | 61.65 | 11.154 | | |
| 5,300.00 | 5,013.00 | 5,278.88 | 5,034.08 | 34.24 | 31.68 | 117.27 | 17.25 | -1,383.19 | 702.19 | 639.06 | 63.13 | 11.122 | | |
| 5,400.00 | 5,105.97 | 5,377.76 | 5,126.39 | 35.00 | 32.42 | 117.02 | 15.95 | -1,418.63 | 716.78 | 652.16 | 64.62 | 11.092 | | |
| 5,500.00 | 5,198.94 | 5,476.64 | 5,218.69 | 35.77 | 33.17 | 116.78 | 14.64 | -1,454.07 | 731.38 | 665.27 | 66.11 | 11.063 | | |
| 5,600.00 | 5,291.91 | 5,575.52 | 5,310.99 | 36.53 | 33.91 | 116.54 | 13.34 | -1,489.50 | 746.00 | 678.39 | 67.60 | 11.035 | | |
| 5,700.00 | 5,384.87 | 5,674.40 | 5,403.30 | 37.29 | 34.66 | 116.32 | 12.03 | -1,524.94 | 760.62 | 691.53 | 69.09 | 11.009 | | |
| 5,800.00 | 5,477.84 | 5,773.28 | 5,495.60 | 38.06 | 35.41 | 116.10 | 10.73 | -1,560.38 | 775.26 | 704.68 | 70.58 | 10.984 | | |
| 5,900.00 | 5,570.81 | 5,872.17 | 5,587.91 | 38.82 | 36.16 | 115.89 | 9.43 | -1,595.82 | 789.91 | 717.83 | 72.07 | 10.960 | | |
| 6,000.00 | 5,663.78 | 5,971.05 | 5,680.21 | 39.59 | 36.90 | 115.69 | 8.12 | -1,631.26 | 804.56 | 731.00 | 73.56 | 10.937 | | |
| 6,100.00 | 5,756.75 | 6,069.93 | 5,772.51 | 40.35 | 37.65 | 115.50 | 6.82 | -1,666.70 | 819.23 | 744.18 | 75.05 | 10.915 | | |
| 6,200.00 | 5,849.71 | 6,168.81 | 5,864.82 | 41.12 | 38.40 | 115.31 | 5.52 | -1,702.13 | 833.90 | 757.36 | 76.54 | 10.894 | | |
| 6,300.00 | 5,942.68 | 6,267.69 | 5,957.12 | 41.88 | 39.15 | 115.13 | 4.21 | -1,737.57 | 848.59 | 770.55 | 78.04 | 10.874 | | |
| 6,400.00 | 6,035.65 | 6,366.57 | 6,049.42 | 42.64 | 39.89 | 114.96 | 2.91 | -1,773.01 | 863.28 | 783.75 | 79.53 | 10.855 | | |
| 6,500.00 | 6,128.62 | 6,465.45 | 6,141.73 | 43.41 | 40.64 | 114.79 | 1.61 | -1,808.45 | 877.98 | 796.96 | 81.02 | 10.837 | | |
| 6,600.00 | 6,221.59 | 6,564.33 | 6,234.03 | 44.17 | 41.39 | 114.62 | 0.30 | -1,843.89 | 892.68 | 810.18 | 82.51 | 10.819 | | |
| 6,700.00 | 6,314.55 | 6,663.22 | 6,326.33 | 44.94 | 42.14 | 114.47 | -1.00 | -1,879.33 | 907.40 | 823.40 | 84.00 | 10.802 | | |
| 6,800.00 | 6,407.52 | 6,762.10 | 6,418.64 | 45.70 | 42.89 | 114.31 | -2.30 | -1,914.76 | 922.12 | 836.63 | 85.49 | 10.786 | | |
| 6,900.00 | 6,499.98 | 6,860.35 | 6,509.80 | 46.49 | 43.66 | 109.46 | -3.58 | -1,951.31 | 936.76 | 849.74 | 87.03 | 10.764 | | |
| 7,000.00 | 6,586.50 | 6,957.57 | 6,593.95 | 47.49 | 44.66 | 101.86 | -4.70 | -1,999.76 | 950.47 | 861.47 | 89.00 | 10.680 | | |
| 7,100.00 | 6,663.58 | 7,054.70 | 6,668.64 | 48.75 | 45.93 | 97.23 | -5.60 | -2,061.65 | 962.67 | 871.17 | 91.50 | 10.521 | | |
| 7,200.00 | 6,728.87 | 7,151.83 | 6,731.83 | 50.23 | 47.46 | 94.17 | -6.26 | -2,135.27 | 973.00 | 878.49 | 94.51 | 10.295 | | |
| 7,300.00 | 6,780.38 | 7,249.03 | 6,781.72 | 51.91 | 49.21 | 92.12 | -6.67 | -2,218.56 | 981.15 | 883.19 | 97.96 | 10.016 | | |
| 7,400.00 | 6,816.56 | 7,346.34 | 6,816.87 | 53.74 | 51.14 | 90.82 | -6.81 | -2,309.16 | 986.86 | 885.11 | 101.75 | 9.699 | | |
| 7,500.00 | 6,836.29 | 7,443.74 | 6,836.21 | 55.65 | 53.16 | 90.17 | -6.67 | -2,404.51 | 989.97 | 884.22 | 105.75 | 9.362 | | |
| 7,600.00 | 6,840.00 | 7,542.03 | 6,840.00 | 57.58 | 55.24 | 90.06 | -6.28 | -2,502.65 | 990.54 | 880.69 | 109.85 | 9.017 | | |
| 7,700.00 | 6,840.00 | 7,642.03 | 6,840.00 | 59.56 | 57.39 | 90.06 | -5.82 | -2,602.65 | 990.52 | 876.42 | 114.11 | 8.681 | | |
| 7,800.00 | 6,840.00 | 7,742.03 | 6,840.00 | 61.60 | 59.58 | 90.06 | -5.35 | -2,702.65 | 990.51 | 872.05 | 118.46 | 8.362 | | |
| 7,900.00 | 6,840.00 | 7,842.03 | 6,840.00 | 63.69 | 61.82 | 90.06 | -4.89 | -2,802.65 | 990.50 | 867.60 | 122.89 | 8.060 | | |
| 8,000.00 | 6,840.00 | 7,942.03 | 6,840.00 | 65.82 | 64.09 | 90.06 | -4.43 | -2,902.65 | 990.48 | 863.07 | 127.41 | 7.774 | | |
| 8,100.00 | 6,840.00 | 8,042.03 | 6,840.00 | 67.99 | 66.40 | 90.06 | -3.96 | -3,002.64 | 990.47 | 858.47 | 131.99 | 7.504 | | |
| 8,200.00 | 6,840.00 | 8,142.03 | 6,840.00 | 70.21 | 68.73 | 90.06 | -3.50 | -3,102.64 | 990.45 | 853.81 | 136.64 | 7.249 | | |
| 8,300.00 | 6,840.00 | 8,242.03 | 6,840.00 | 72.45 | 71.10 | 90.06 | -3.04 | -3,202.64 | 990.44 | 849.09 | 141.34 | 7.007 | | |
| 8,400.00 | 6,840.00 | 8,342.03 | 6,840.00 | 74.73 | 73.49 | 90.06 | -2.58 | -3,302.64 | 990.42 | 844.33 | 146.10 | 6.779 | | |
| 8,500.00 | 6,840.00 | 8,442.03 | 6,840.00 | 77.04 | 75.90 | 90.06 | -2.11 | -3,402.64 | 990.41 | 839.51 | 150.90 | 6.563 | | |
| 8,600.00 | 6,840.00 | 8,542.03 | 6,840.00 | 79.38 | 78.33 | 90.06 | -1.65 | -3,502.64 | 990.40 | 834.65 | 155.74 | 6.359 | | |
| 8,700.00 | 6,840.00 | 8,642.03 | 6,840.00 | 81.74 | 80.78 | 90.06 | -1.19 | -3,602.64 | 990.38 | 829.76 | 160.63 | 6.166 | | |
| 8,800.00 | 6,840.00 | 8,742.03 | 6,840.00 | 84.12 | 83.25 | 90.06 | -0.72 | -3,702.64 | 990.37 | 824.83 | 165.54 | 5.983 | | |
| 8,900.00 | 6,840.00 | 8,842.03 | 6,840.00 | 86.52 | 85.73 | 90.06 | -0.26 | -3,802.64 | 990.35 | 819.86 | 170.49 | 5.809 | | |
| 9,000.00 | 6,840.00 | 8,942.03 | 6,840.00 | 88.94 | 88.23 | 90.06 | 0.20 | -3,902.64 | 990.34 | 814.87 | 175.47 | 5.644 | | |
| 9,100.00 | 6,840.00 | 9,042.03 | 6,840.00 | 91.38 | 90.74 | 90.06 | 0.67 | -4,002.63 | 990.33 | 809.85 | 180.47 | 5.487 | | |
| 9,200.00 | 6,840.00 | 9,142.03 | 6,840.00 | 93.83 | 93.26 | 90.06 | 1.13 | -4,102.63 | 990.31 | 804.81 | 185.50 | 5.339 | | |
| 9,300.00 | 6,840.00 | 9,242.03 | 6,840.00 | 96.30 | 95.79 | 90.06 | 1.59 | -4,202.63 | 990.30 | 799.75 | 190.55 | 5.197 | | |
| 9,400.00 | 6,840.00 | 9,342.03 | 6,840.00 | 98.79 | 98.33 | 90.06 | 2.06 | -4,302.63 | 990.28 | 794.66 | 195.62 | 5.062 | | |
| 9,500.00 | 6,840.00 | 9,442.03 | 6,840.00 | 101.28 | 100.88 | 90.06 | 2.52 | -4,402.63 | 990.27 | 789.55 | 200.71 | 4.934 | | |
| 9,600.00 | 6,840.00 | 9,542.03 | 6,840.00 | 103.79 | 103.44 | 90.06 | 2.98 | -4,502.63 | 990.25 | 784.43 | 205.82 | 4.811 | | |
| 9,700.00 | 6,840.00 | 9,642.03 | 6,840.00 | 106.30 | 106.01 | 90.06 | 3.44 | -4,602.63 | 990.24 | 779.29 | 210.95 | 4.694 | | |
| 9,800.00 | 6,840.00 | 9,742.03 | 6,840.00 | 108.83 | 108.59 | 90.06 | 3.91 | -4,702.63 | 990.23 | 774.14 | 216.09 | 4.582 | | |
| 9,900.00 | 6,840.00 | 9,842.03 | 6,840.00 | 111.37 | 111.17 | 90.06 | 4.37 | -4,802.63 | 990.21 | 768.97 | 221.24 | 4.476 | | |
| 10,000.00 | 6,840.00 | 9,942.03 | 6,840.00 | 113.91 | 113.76 | 90.06 | 4.83 | -4,902.62 | 990.20 | 763.78 | 226.41 | 4.373 | | |
| 10,100.00 | 6,840.00 | 10,042.03 | 6,840.00 | 116.47 | 116.35 | 90.06 | 5.30 | -5,002.62 | 990.18 | 758.59 | 231.59 | 4.276 | | |
| 10,200.00 | 6,840.00 | 10,142.03 | 6,840.00 | 119.03 | 118.95 | 90.06 | 5.76 | -5,102.62 | 990.17 | 753.38 | 236.79 | 4.182 | | |
| 10,300.00 | 6,840.00 | 10,242.03 | 6,840.00 | 121.59 | 121.56 | 90.06 | 6.22 | -5,202.62 | 990.15 | 748.16 | 241.99 | 4.092 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-10 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 10,342.03 | 6,840.00 | 124.17 | 124.17 | 90.06 | 6.69 | -5,302.62 | 990.14 | 742.94 | 247.20 | 4.005 | | |
| 10,500.00 | 6,840.00 | 10,442.03 | 6,840.00 | 126.75 | 126.78 | 90.06 | 7.15 | -5,402.62 | 990.13 | 737.70 | 252.43 | 3.922 | | |
| 10,600.00 | 6,840.00 | 10,542.03 | 6,840.00 | 129.34 | 129.40 | 90.06 | 7.61 | -5,502.62 | 990.11 | 732.45 | 257.66 | 3.843 | | |
| 10,700.00 | 6,840.00 | 10,642.03 | 6,840.00 | 131.93 | 132.02 | 90.06 | 8.08 | -5,602.62 | 990.10 | 727.20 | 262.90 | 3.766 | | |
| 10,800.00 | 6,840.00 | 10,742.03 | 6,840.00 | 134.53 | 134.65 | 90.06 | 8.54 | -5,702.62 | 990.08 | 721.94 | 268.15 | 3.692 | | |
| 10,900.00 | 6,840.00 | 10,842.03 | 6,840.00 | 137.13 | 137.28 | 90.06 | 9.00 | -5,802.61 | 990.07 | 716.67 | 273.40 | 3.621 | | |
| 11,000.00 | 6,840.00 | 10,942.03 | 6,840.00 | 139.73 | 139.92 | 90.06 | 9.47 | -5,902.61 | 990.05 | 711.39 | 278.67 | 3.553 | | |
| 11,100.00 | 6,840.00 | 11,042.03 | 6,840.00 | 142.35 | 142.55 | 90.06 | 9.93 | -6,002.61 | 990.04 | 706.10 | 283.94 | 3.487 | | |
| 11,200.00 | 6,840.00 | 11,142.03 | 6,840.00 | 144.96 | 145.19 | 90.06 | 10.39 | -6,102.61 | 990.03 | 700.81 | 289.21 | 3.423 | | |
| 11,300.00 | 6,840.00 | 11,242.03 | 6,840.00 | 147.58 | 147.84 | 90.06 | 10.85 | -6,202.61 | 990.01 | 695.52 | 294.49 | 3.362 | | |
| 11,400.00 | 6,840.00 | 11,342.03 | 6,840.00 | 150.20 | 150.48 | 90.06 | 11.32 | -6,302.61 | 990.00 | 690.22 | 299.78 | 3.302 | | |
| 11,500.00 | 6,840.00 | 11,442.03 | 6,840.00 | 152.83 | 153.13 | 90.06 | 11.78 | -6,402.61 | 989.98 | 684.91 | 305.07 | 3.245 | | |
| 11,600.00 | 6,840.00 | 11,542.03 | 6,840.00 | 155.46 | 155.78 | 90.06 | 12.24 | -6,502.61 | 989.97 | 679.60 | 310.37 | 3.190 | | |
| 11,700.00 | 6,840.00 | 11,642.03 | 6,840.00 | 158.09 | 158.44 | 90.06 | 12.71 | -6,602.61 | 989.95 | 674.28 | 315.67 | 3.136 | | |
| 11,800.00 | 6,840.00 | 11,742.03 | 6,840.00 | 160.73 | 161.09 | 90.06 | 13.17 | -6,702.61 | 989.94 | 668.96 | 320.98 | 3.084 | | |
| 11,900.00 | 6,840.00 | 11,842.03 | 6,840.00 | 163.36 | 163.75 | 90.06 | 13.63 | -6,802.60 | 989.93 | 663.63 | 326.29 | 3.034 | | |
| 12,000.00 | 6,840.00 | 11,942.03 | 6,840.00 | 166.01 | 166.41 | 90.06 | 14.10 | -6,902.60 | 989.91 | 658.30 | 331.61 | 2.985 | | |
| 12,100.00 | 6,840.00 | 12,042.03 | 6,840.00 | 168.65 | 169.07 | 90.06 | 14.56 | -7,002.60 | 989.90 | 652.97 | 336.93 | 2.938 | | |
| 12,200.00 | 6,840.00 | 12,142.03 | 6,840.00 | 171.30 | 171.74 | 90.06 | 15.02 | -7,102.60 | 989.88 | 647.63 | 342.25 | 2.892 | | |
| 12,300.00 | 6,840.00 | 12,242.03 | 6,840.00 | 173.94 | 174.40 | 90.06 | 15.49 | -7,202.60 | 989.87 | 642.29 | 347.58 | 2.848 | | |
| 12,400.00 | 6,840.00 | 12,342.03 | 6,840.00 | 176.59 | 177.07 | 90.06 | 15.95 | -7,302.60 | 989.85 | 636.94 | 352.91 | 2.805 | | |
| 12,500.00 | 6,840.00 | 12,442.03 | 6,840.00 | 179.25 | 179.74 | 90.06 | 16.41 | -7,402.60 | 989.84 | 631.60 | 358.24 | 2.763 | | |
| 12,600.00 | 6,840.00 | 12,542.03 | 6,840.00 | 181.90 | 182.41 | 90.06 | 16.87 | -7,502.60 | 989.83 | 626.24 | 363.58 | 2.722 | | |
| 12,700.00 | 6,840.00 | 12,642.03 | 6,840.00 | 184.56 | 185.08 | 90.06 | 17.34 | -7,602.60 | 989.81 | 620.89 | 368.92 | 2.683 | | |
| 12,800.00 | 6,840.00 | 12,742.03 | 6,840.00 | 187.22 | 187.75 | 90.06 | 17.80 | -7,702.59 | 989.80 | 615.53 | 374.26 | 2.645 | | |
| 12,900.00 | 6,840.00 | 12,842.03 | 6,840.00 | 189.88 | 190.42 | 90.06 | 18.26 | -7,802.59 | 989.78 | 610.17 | 379.61 | 2.607 | | |
| 13,000.00 | 6,840.00 | 12,942.03 | 6,840.00 | 192.54 | 193.10 | 90.06 | 18.73 | -7,902.59 | 989.77 | 604.81 | 384.96 | 2.571 | | |
| 13,100.00 | 6,840.00 | 13,042.03 | 6,840.00 | 195.20 | 195.78 | 90.06 | 19.19 | -8,002.59 | 989.76 | 599.45 | 390.31 | 2.536 | | |
| 13,200.00 | 6,840.00 | 13,142.03 | 6,840.00 | 197.87 | 198.45 | 90.06 | 19.65 | -8,102.59 | 989.74 | 594.08 | 395.66 | 2.501 | | |
| 13,300.00 | 6,840.00 | 13,242.03 | 6,840.00 | 200.53 | 201.13 | 90.06 | 20.12 | -8,202.59 | 989.73 | 588.71 | 401.02 | 2.468 | | |
| 13,400.00 | 6,840.00 | 13,342.03 | 6,840.00 | 203.20 | 203.81 | 90.06 | 20.58 | -8,302.59 | 989.71 | 583.34 | 406.38 | 2.435 | | |
| 13,500.00 | 6,840.00 | 13,442.03 | 6,840.00 | 205.87 | 206.49 | 90.06 | 21.04 | -8,402.59 | 989.70 | 577.96 | 411.74 | 2.404 | | |
| 13,600.00 | 6,840.00 | 13,542.03 | 6,840.00 | 208.54 | 209.18 | 90.06 | 21.51 | -8,502.59 | 989.68 | 572.59 | 417.10 | 2.373 | | |
| 13,700.00 | 6,840.00 | 13,642.03 | 6,840.00 | 211.22 | 211.86 | 90.06 | 21.97 | -8,602.58 | 989.67 | 567.21 | 422.46 | 2.343 | | |
| 13,800.00 | 6,840.00 | 13,742.03 | 6,840.00 | 213.89 | 214.54 | 90.06 | 22.43 | -8,702.58 | 989.66 | 561.83 | 427.83 | 2.313 | | |
| 13,900.00 | 6,840.00 | 13,842.03 | 6,840.00 | 216.56 | 217.23 | 90.06 | 22.90 | -8,802.58 | 989.64 | 556.45 | 433.20 | 2.285 | | |
| 14,000.00 | 6,840.00 | 13,942.03 | 6,840.00 | 219.24 | 219.91 | 90.06 | 23.36 | -8,902.58 | 989.63 | 551.06 | 438.57 | 2.257 | | |
| 14,100.00 | 6,840.00 | 14,042.03 | 6,840.00 | 221.92 | 222.60 | 90.06 | 23.82 | -9,002.58 | 989.61 | 545.68 | 443.94 | 2.229 | | |
| 14,200.00 | 6,840.00 | 14,142.03 | 6,840.00 | 224.59 | 225.29 | 90.06 | 24.28 | -9,102.58 | 989.60 | 540.29 | 449.31 | 2.202 | | |
| 14,300.00 | 6,840.00 | 14,242.03 | 6,840.00 | 227.27 | 227.98 | 90.06 | 24.75 | -9,202.58 | 989.58 | 534.90 | 454.68 | 2.176 | | |
| 14,400.00 | 6,840.00 | 14,342.03 | 6,840.00 | 229.95 | 230.67 | 90.06 | 25.21 | -9,302.58 | 989.57 | 529.51 | 460.06 | 2.151 | | |
| 14,500.00 | 6,840.00 | 14,442.03 | 6,840.00 | 232.63 | 233.35 | 90.06 | 25.67 | -9,402.58 | 989.56 | 524.12 | 465.44 | 2.126 | | |
| 14,600.00 | 6,840.00 | 14,542.03 | 6,840.00 | 235.31 | 236.04 | 90.06 | 26.14 | -9,502.58 | 989.54 | 518.73 | 470.82 | 2.102 | | |
| 14,700.00 | 6,840.00 | 14,642.03 | 6,840.00 | 238.00 | 238.74 | 90.06 | 26.60 | -9,602.57 | 989.53 | 513.33 | 476.20 | 2.078 | | |
| 14,800.00 | 6,840.00 | 14,742.03 | 6,840.00 | 240.68 | 241.43 | 90.06 | 27.06 | -9,702.57 | 989.51 | 507.94 | 481.58 | 2.055 | | |
| 14,900.00 | 6,840.00 | 14,842.03 | 6,840.00 | 243.36 | 244.12 | 90.06 | 27.53 | -9,802.57 | 989.50 | 502.54 | 486.96 | 2.032 | | |
| 15,000.00 | 6,840.00 | 14,942.03 | 6,840.00 | 246.05 | 246.81 | 90.06 | 27.99 | -9,902.57 | 989.48 | 497.14 | 492.34 | 2.010 | | |
| 15,100.00 | 6,840.00 | 15,042.03 | 6,840.00 | 248.74 | 249.51 | 90.06 | 28.45 | -10,002.57 | 989.47 | 491.74 | 497.73 | 1.988 | | |
| 15,200.00 | 6,840.00 | 15,142.03 | 6,840.00 | 251.42 | 252.20 | 90.06 | 28.92 | -10,102.57 | 989.46 | 486.34 | 503.12 | 1.967 | | |
| 15,300.00 | 6,840.00 | 15,242.03 | 6,840.00 | 254.11 | 254.89 | 90.06 | 29.38 | -10,202.57 | 989.44 | 480.94 | 508.50 | 1.946 | | |
| 15,400.00 | 6,840.00 | 15,342.03 | 6,840.00 | 256.80 | 257.59 | 90.06 | 29.84 | -10,302.57 | 989.43 | 475.53 | 513.89 | 1.925 | | |
| 15,500.00 | 6,840.00 | 15,442.03 | 6,840.00 | 259.49 | 260.29 | 90.06 | 30.30 | -10,402.57 | 989.41 | 470.13 | 519.28 | 1.905 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-10 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,600.00 | 6,840.00 | 15,542.03 | 6,840.00 | 262.17 | 262.98 | 90.06 | 30.77 | -10,502.56 | 989.40 | 464.73 | 524.67 | 1.886 | | |
| 15,700.00 | 6,840.00 | 15,642.03 | 6,840.00 | 264.86 | 265.68 | 90.06 | 31.23 | -10,602.56 | 989.38 | 459.32 | 530.07 | 1.867 | | |
| 15,800.00 | 6,840.00 | 15,742.03 | 6,840.00 | 267.55 | 268.37 | 90.06 | 31.69 | -10,702.56 | 989.37 | 453.91 | 535.46 | 1.848 | | |
| 15,900.00 | 6,840.00 | 15,842.03 | 6,840.00 | 270.25 | 271.07 | 90.06 | 32.16 | -10,802.56 | 989.36 | 448.50 | 540.85 | 1.829 | | |
| 16,000.00 | 6,840.00 | 15,942.03 | 6,840.00 | 272.94 | 273.77 | 90.06 | 32.62 | -10,902.56 | 989.34 | 443.10 | 546.25 | 1.811 | | |
| 16,100.00 | 6,840.00 | 16,042.03 | 6,840.00 | 275.63 | 276.47 | 90.06 | 33.08 | -11,002.56 | 989.33 | 437.69 | 551.64 | 1.793 | | |
| 16,200.00 | 6,840.00 | 16,142.03 | 6,840.00 | 278.32 | 279.17 | 90.06 | 33.55 | -11,102.56 | 989.31 | 432.27 | 557.04 | 1.776 | | |
| 16,300.00 | 6,840.00 | 16,242.03 | 6,840.00 | 281.02 | 281.87 | 90.06 | 34.01 | -11,202.56 | 989.30 | 426.86 | 562.44 | 1.759 | | |
| 16,400.00 | 6,840.00 | 16,342.03 | 6,840.00 | 283.71 | 284.57 | 90.06 | 34.47 | -11,302.56 | 989.28 | 421.45 | 567.83 | 1.742 | | |
| 16,500.00 | 6,840.00 | 16,442.03 | 6,840.00 | 286.40 | 287.27 | 90.06 | 34.94 | -11,402.55 | 989.27 | 416.04 | 573.23 | 1.726 | | |
| 16,600.00 | 6,840.00 | 16,542.03 | 6,840.00 | 289.10 | 289.97 | 90.06 | 35.40 | -11,502.55 | 989.26 | 410.62 | 578.63 | 1.710 | | |
| 16,700.00 | 6,840.00 | 16,642.03 | 6,840.00 | 291.79 | 292.67 | 90.06 | 35.86 | -11,602.55 | 989.24 | 405.21 | 584.03 | 1.694 | | |
| 16,800.00 | 6,840.00 | 16,742.03 | 6,840.00 | 294.49 | 295.37 | 90.06 | 36.33 | -11,702.55 | 989.23 | 399.79 | 589.43 | 1.678 | | |
| 16,900.00 | 6,840.00 | 16,842.03 | 6,840.00 | 297.19 | 298.07 | 90.06 | 36.79 | -11,802.55 | 989.21 | 394.38 | 594.84 | 1.663 | | |
| 17,000.00 | 6,840.00 | 16,942.03 | 6,840.00 | 299.88 | 300.77 | 90.06 | 37.25 | -11,902.55 | 989.20 | 388.96 | 600.24 | 1.648 | | |
| 17,100.00 | 6,840.00 | 17,042.03 | 6,840.00 | 302.58 | 303.47 | 90.06 | 37.71 | -12,002.55 | 989.19 | 383.54 | 605.64 | 1.633 | | |
| 17,200.00 | 6,840.00 | 17,142.03 | 6,840.00 | 305.28 | 306.18 | 90.06 | 38.18 | -12,102.55 | 989.17 | 378.13 | 611.04 | 1.619 | | |
| 17,300.00 | 6,840.00 | 17,242.03 | 6,840.00 | 307.97 | 308.88 | 90.06 | 38.64 | -12,202.55 | 989.16 | 372.71 | 616.45 | 1.605 | | |
| 17,400.00 | 6,840.00 | 17,342.03 | 6,840.00 | 310.67 | 311.58 | 90.06 | 39.10 | -12,302.55 | 989.14 | 367.29 | 621.85 | 1.591 | | |
| 17,500.00 | 6,840.00 | 17,442.03 | 6,840.00 | 313.37 | 314.28 | 90.06 | 39.57 | -12,402.54 | 989.13 | 361.87 | 627.26 | 1.577 | | |
| 17,600.00 | 6,840.00 | 17,542.03 | 6,840.00 | 316.07 | 316.99 | 90.06 | 40.03 | -12,502.54 | 989.11 | 356.45 | 632.67 | 1.563 | | |
| 17,700.00 | 6,840.00 | 17,642.03 | 6,840.00 | 318.77 | 319.69 | 90.06 | 40.49 | -12,602.54 | 989.10 | 351.03 | 638.07 | 1.550 | | |
| 17,800.00 | 6,840.00 | 17,742.03 | 6,840.00 | 321.47 | 322.40 | 90.06 | 40.96 | -12,702.54 | 989.09 | 345.61 | 643.48 | 1.537 | | |
| 17,900.00 | 6,840.00 | 17,842.03 | 6,840.00 | 324.17 | 325.10 | 90.06 | 41.42 | -12,802.54 | 989.07 | 340.18 | 648.89 | 1.524 | | |
| 18,000.00 | 6,840.00 | 17,942.03 | 6,840.00 | 326.87 | 327.81 | 90.06 | 41.88 | -12,902.54 | 989.06 | 334.76 | 654.30 | 1.512 | | |
| 18,100.00 | 6,840.00 | 18,042.03 | 6,840.00 | 329.57 | 330.51 | 90.06 | 42.35 | -13,002.54 | 989.04 | 329.34 | 659.71 | 1.499 Level 3 | | |
| 18,200.00 | 6,840.00 | 18,142.03 | 6,840.00 | 332.27 | 333.21 | 90.06 | 42.81 | -13,102.54 | 989.03 | 323.91 | 665.11 | 1.487 Level 3 | | |
| 18,300.00 | 6,840.00 | 18,242.03 | 6,840.00 | 334.97 | 335.92 | 90.06 | 43.27 | -13,202.54 | 989.01 | 318.49 | 670.52 | 1.475 Level 3 | | |
| 18,400.00 | 6,840.00 | 18,342.03 | 6,840.00 | 337.67 | 338.63 | 90.06 | 43.73 | -13,302.53 | 989.00 | 313.07 | 675.93 | 1.463 Level 3 | | |
| 18,500.00 | 6,840.00 | 18,442.03 | 6,840.00 | 340.38 | 341.33 | 90.06 | 44.20 | -13,402.53 | 988.99 | 307.64 | 681.35 | 1.452 Level 3 | | |
| 18,600.00 | 6,840.00 | 18,542.03 | 6,840.00 | 343.08 | 344.04 | 90.06 | 44.66 | -13,502.53 | 988.97 | 302.21 | 686.76 | 1.440 Level 3 | | |
| 18,700.00 | 6,840.00 | 18,642.03 | 6,840.00 | 345.78 | 346.74 | 90.06 | 45.12 | -13,602.53 | 988.96 | 296.79 | 692.17 | 1.429 Level 3 | | |
| 18,800.00 | 6,840.00 | 18,742.03 | 6,840.00 | 348.48 | 349.45 | 90.06 | 45.59 | -13,702.53 | 988.94 | 291.36 | 697.58 | 1.418 Level 3 | | |
| 18,900.00 | 6,840.00 | 18,842.03 | 6,840.00 | 351.19 | 352.16 | 90.06 | 46.05 | -13,802.53 | 988.93 | 285.94 | 702.99 | 1.407 Level 3 | | |
| 19,000.00 | 6,840.00 | 18,942.03 | 6,840.00 | 353.89 | 354.86 | 90.06 | 46.51 | -13,902.53 | 988.91 | 280.51 | 708.41 | 1.396 Level 3 | | |
| 19,100.00 | 6,840.00 | 19,042.03 | 6,840.00 | 356.59 | 357.57 | 90.06 | 46.98 | -14,002.53 | 988.90 | 275.08 | 713.82 | 1.385 Level 3 | | |
| 19,200.00 | 6,840.00 | 19,142.03 | 6,840.00 | 359.30 | 360.28 | 90.06 | 47.44 | -14,102.53 | 988.89 | 269.65 | 719.23 | 1.375 Level 3 | | |
| 19,300.00 | 6,840.00 | 19,242.03 | 6,840.00 | 362.00 | 362.99 | 90.06 | 47.90 | -14,202.52 | 988.87 | 264.22 | 724.65 | 1.365 Level 3 | | |
| 19,400.00 | 6,840.00 | 19,342.03 | 6,840.00 | 364.71 | 365.69 | 90.06 | 48.37 | -14,302.52 | 988.86 | 258.79 | 730.06 | 1.354 Level 3 | | |
| 19,500.00 | 6,840.00 | 19,442.03 | 6,840.00 | 367.41 | 368.40 | 90.06 | 48.83 | -14,402.52 | 988.84 | 253.37 | 735.48 | 1.344 Level 3 | | |
| 19,600.00 | 6,840.00 | 19,542.03 | 6,840.00 | 370.11 | 371.11 | 90.06 | 49.29 | -14,502.52 | 988.83 | 247.94 | 740.89 | 1.335 Level 3 | | |
| 19,700.00 | 6,840.00 | 19,642.03 | 6,840.00 | 372.82 | 373.82 | 90.06 | 49.76 | -14,602.52 | 988.81 | 242.51 | 746.31 | 1.325 Level 3 | | |
| 19,800.00 | 6,840.00 | 19,742.03 | 6,840.00 | 375.53 | 376.53 | 90.06 | 50.22 | -14,702.52 | 988.80 | 237.08 | 751.72 | 1.315 Level 3 | | |
| 19,900.00 | 6,840.00 | 19,842.03 | 6,840.00 | 378.23 | 379.23 | 90.06 | 50.68 | -14,802.52 | 988.79 | 231.65 | 757.14 | 1.306 Level 3 | | |
| 20,000.00 | 6,840.00 | 19,942.03 | 6,840.00 | 380.94 | 381.94 | 90.06 | 51.14 | -14,902.52 | 988.77 | 226.21 | 762.56 | 1.297 Level 3 | | |
| 20,100.00 | 6,840.00 | 20,042.03 | 6,840.00 | 383.64 | 384.65 | 90.06 | 51.61 | -15,002.52 | 988.76 | 220.78 | 767.97 | 1.287 Level 3 | | |
| 20,200.00 | 6,840.00 | 20,142.03 | 6,840.00 | 386.35 | 387.36 | 90.06 | 52.07 | -15,102.52 | 988.74 | 215.35 | 773.39 | 1.278 Level 3 | | |
| 20,300.00 | 6,840.00 | 20,242.03 | 6,840.00 | 389.05 | 390.07 | 90.06 | 52.53 | -15,202.51 | 988.73 | 209.92 | 778.81 | 1.270 Level 3 | | |
| 20,400.00 | 6,840.00 | 20,342.03 | 6,840.00 | 391.76 | 392.78 | 90.06 | 53.00 | -15,302.51 | 988.71 | 204.49 | 784.23 | 1.261 Level 3 | | |
| 20,442.82 | 6,840.00 | 20,384.84 | 6,840.00 | 392.92 | 393.94 | 90.06 | 53.20 | -15,345.33 | 988.71 | 202.16 | 786.55 | 1.257 Level 3, SF | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-11 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 45.17 | 0.00 | 45.17 | | | | | |
| 100.00 | 100.00 | 100.00 | 100.00 | 0.13 | 0.13 | 0.00 | 45.17 | 0.00 | 45.17 | 44.90 | 0.27 | 168.023 | | |
| 200.00 | 200.00 | 200.00 | 200.00 | 0.49 | 0.49 | 0.00 | 45.17 | 0.00 | 45.17 | 44.19 | 0.99 | 45.825 | | |
| 300.00 | 300.00 | 300.00 | 300.00 | 0.85 | 0.85 | 0.00 | 45.17 | 0.00 | 45.17 | 43.47 | 1.70 | 26.530 | | |
| 400.00 | 400.00 | 400.00 | 400.00 | 1.21 | 1.21 | 0.00 | 45.17 | 0.00 | 45.17 | 42.75 | 2.42 | 18.669 | | |
| 500.00 | 500.00 | 500.00 | 500.00 | 1.57 | 1.57 | 0.00 | 45.17 | 0.00 | 45.17 | 42.04 | 3.14 | 14.402 CC | | |
| 600.00 | 599.98 | 600.02 | 599.98 | 1.92 | 1.93 | 117.74 | 45.17 | 0.00 | 45.96 | 42.12 | 3.84 | 11.962 | | |
| 700.00 | 699.84 | 700.16 | 699.84 | 2.26 | 2.29 | 123.16 | 45.17 | 0.00 | 48.62 | 44.07 | 4.55 | 10.696 | | |
| 800.00 | 799.45 | 799.45 | 799.45 | 2.62 | 2.64 | 130.84 | 45.17 | 0.00 | 53.89 | 48.63 | 5.26 | 10.254 | | |
| 900.00 | 898.70 | 899.89 | 899.86 | 2.99 | 2.99 | 137.93 | 44.86 | -1.71 | 61.61 | 55.65 | 5.97 | 10.328 | | |
| 1,000.00 | 997.47 | 1,000.66 | 1,000.49 | 3.39 | 3.34 | 142.82 | 43.90 | -6.91 | 70.71 | 64.03 | 6.68 | 10.590 | | |
| 1,100.00 | 1,095.62 | 1,101.75 | 1,101.20 | 3.81 | 3.70 | 146.05 | 42.29 | -15.61 | 80.79 | 73.39 | 7.40 | 10.916 | | |
| 1,200.00 | 1,193.06 | 1,203.16 | 1,201.83 | 4.27 | 4.07 | 148.06 | 40.03 | -27.85 | 91.62 | 83.48 | 8.14 | 11.255 | | |
| 1,300.00 | 1,289.64 | 1,304.87 | 1,302.26 | 4.77 | 4.46 | 149.20 | 37.11 | -43.63 | 103.06 | 94.16 | 8.90 | 11.577 | | |
| 1,400.00 | 1,385.27 | 1,406.87 | 1,402.34 | 5.31 | 4.88 | 149.70 | 33.54 | -62.97 | 115.04 | 105.35 | 9.69 | 11.871 | | |
| 1,500.00 | 1,479.82 | 1,509.15 | 1,501.93 | 5.91 | 5.33 | 149.73 | 29.31 | -85.87 | 127.53 | 117.01 | 10.52 | 12.122 | | |
| 1,600.00 | 1,573.19 | 1,611.70 | 1,600.88 | 6.55 | 5.83 | 149.42 | 24.42 | -112.33 | 140.44 | 129.04 | 11.40 | 12.320 | | |
| 1,700.00 | 1,666.16 | 1,714.70 | 1,699.24 | 7.23 | 6.37 | 148.49 | 18.87 | -142.38 | 151.83 | 139.49 | 12.34 | 12.303 | | |
| 1,800.00 | 1,759.13 | 1,818.05 | 1,796.76 | 7.93 | 6.96 | 146.71 | 12.66 | -176.02 | 160.82 | 147.45 | 13.37 | 12.026 | | |
| 1,900.00 | 1,852.10 | 1,918.68 | 1,890.79 | 8.64 | 7.59 | 144.48 | 6.15 | -211.25 | 168.22 | 153.71 | 14.51 | 11.592 | | |
| 2,000.00 | 1,945.06 | 2,018.20 | 1,983.74 | 9.35 | 8.23 | 142.42 | -0.31 | -246.24 | 175.75 | 160.04 | 15.71 | 11.188 | | |
| 2,100.00 | 2,038.03 | 2,117.73 | 2,076.68 | 10.08 | 8.89 | 140.53 | -6.78 | -281.23 | 183.49 | 166.54 | 16.95 | 10.825 | | |
| 2,200.00 | 2,131.00 | 2,217.25 | 2,169.63 | 10.81 | 9.57 | 138.80 | -13.24 | -316.21 | 191.41 | 173.18 | 18.23 | 10.499 | | |
| 2,300.00 | 2,223.97 | 2,316.78 | 2,262.58 | 11.54 | 10.25 | 137.20 | -19.70 | -351.20 | 199.50 | 179.95 | 19.54 | 10.208 | | |
| 2,400.00 | 2,316.94 | 2,416.30 | 2,355.53 | 12.28 | 10.95 | 135.73 | -26.17 | -386.19 | 207.72 | 186.84 | 20.88 | 9.946 | | |
| 2,500.00 | 2,409.90 | 2,515.82 | 2,448.48 | 13.02 | 11.65 | 134.37 | -32.63 | -421.17 | 216.08 | 193.83 | 22.25 | 9.712 | | |
| 2,600.00 | 2,502.87 | 2,615.35 | 2,541.42 | 13.77 | 12.35 | 133.12 | -39.09 | -456.16 | 224.54 | 200.91 | 23.63 | 9.502 | | |
| 2,700.00 | 2,595.84 | 2,714.87 | 2,634.37 | 14.51 | 13.07 | 131.95 | -45.55 | -491.15 | 233.10 | 208.07 | 25.03 | 9.312 | | |
| 2,800.00 | 2,688.81 | 2,814.40 | 2,727.32 | 15.26 | 13.78 | 130.87 | -52.02 | -526.13 | 241.76 | 215.31 | 26.45 | 9.142 | | |
| 2,900.00 | 2,781.77 | 2,913.92 | 2,820.27 | 16.01 | 14.50 | 129.86 | -58.48 | -561.12 | 250.49 | 222.62 | 27.87 | 8.987 | | |
| 3,000.00 | 2,874.74 | 3,013.45 | 2,913.21 | 16.76 | 15.23 | 128.92 | -64.94 | -596.11 | 259.29 | 229.98 | 29.31 | 8.847 | | |
| 3,100.00 | 2,967.71 | 3,112.97 | 3,006.16 | 17.52 | 15.95 | 128.05 | -71.41 | -631.09 | 268.16 | 237.41 | 30.75 | 8.720 | | |
| 3,200.00 | 3,060.68 | 3,212.50 | 3,099.11 | 18.27 | 16.68 | 127.22 | -77.87 | -666.08 | 277.09 | 244.88 | 32.20 | 8.604 | | |
| 3,300.00 | 3,153.65 | 3,312.02 | 3,192.06 | 19.03 | 17.41 | 126.45 | -84.33 | -701.07 | 286.07 | 252.41 | 33.66 | 8.498 | | |
| 3,400.00 | 3,246.61 | 3,411.55 | 3,285.01 | 19.78 | 18.15 | 125.73 | -90.80 | -736.05 | 295.10 | 259.97 | 35.13 | 8.401 | | |
| 3,500.00 | 3,339.58 | 3,511.07 | 3,377.95 | 20.54 | 18.88 | 125.05 | -97.26 | -771.04 | 304.17 | 267.57 | 36.59 | 8.312 | | |
| 3,600.00 | 3,432.55 | 3,610.60 | 3,470.90 | 21.30 | 19.62 | 124.41 | -103.72 | -806.03 | 313.28 | 275.21 | 38.07 | 8.230 | | |
| 3,700.00 | 3,525.52 | 3,710.12 | 3,563.85 | 22.06 | 20.35 | 123.81 | -110.18 | -841.01 | 322.43 | 282.89 | 39.54 | 8.154 | | |
| 3,800.00 | 3,618.49 | 3,809.64 | 3,656.80 | 22.82 | 21.09 | 123.24 | -116.65 | -876.00 | 331.61 | 290.59 | 41.02 | 8.084 | | |
| 3,900.00 | 3,711.45 | 3,909.17 | 3,749.75 | 23.57 | 21.83 | 122.70 | -123.11 | -910.99 | 340.82 | 298.32 | 42.50 | 8.019 | | |
| 4,000.00 | 3,804.42 | 4,008.69 | 3,842.69 | 24.33 | 22.57 | 122.19 | -129.57 | -945.97 | 350.07 | 306.08 | 43.99 | 7.958 | | |
| 4,100.00 | 3,897.39 | 4,108.22 | 3,935.64 | 25.09 | 23.31 | 121.70 | -136.04 | -980.96 | 359.33 | 313.86 | 45.47 | 7.902 | | |
| 4,200.00 | 3,990.36 | 4,207.74 | 4,028.59 | 25.86 | 24.05 | 121.24 | -142.50 | -1,015.95 | 368.63 | 321.67 | 46.96 | 7.850 | | |
| 4,300.00 | 4,083.32 | 4,307.27 | 4,121.54 | 26.62 | 24.79 | 120.80 | -148.96 | -1,050.94 | 377.94 | 329.49 | 48.45 | 7.801 | | |
| 4,400.00 | 4,176.29 | 4,406.79 | 4,214.48 | 27.38 | 25.54 | 120.38 | -155.43 | -1,085.92 | 387.28 | 337.34 | 49.94 | 7.755 | | |
| 4,500.00 | 4,269.26 | 4,506.32 | 4,307.43 | 28.14 | 26.28 | 119.99 | -161.89 | -1,120.91 | 396.63 | 345.20 | 51.43 | 7.712 | | |
| 4,600.00 | 4,362.23 | 4,605.84 | 4,400.38 | 28.90 | 27.02 | 119.61 | -168.35 | -1,155.90 | 406.01 | 353.08 | 52.93 | 7.671 | | |
| 4,700.00 | 4,455.20 | 4,705.37 | 4,493.33 | 29.66 | 27.77 | 119.25 | -174.81 | -1,190.88 | 415.40 | 360.98 | 54.42 | 7.633 | | |
| 4,800.00 | 4,548.16 | 4,804.89 | 4,586.28 | 30.43 | 28.51 | 118.90 | -181.28 | -1,225.87 | 424.80 | 368.89 | 55.91 | 7.597 | | |
| 4,900.00 | 4,641.13 | 4,904.42 | 4,679.22 | 31.19 | 29.26 | 118.57 | -187.74 | -1,260.86 | 434.22 | 376.81 | 57.41 | 7.563 | | |
| 5,000.00 | 4,734.10 | 5,003.94 | 4,772.17 | 31.95 | 30.00 | 118.25 | -194.20 | -1,295.84 | 443.66 | 384.75 | 58.91 | 7.532 | | |
| 5,100.00 | 4,827.07 | 5,103.46 | 4,865.12 | 32.71 | 30.75 | 117.95 | -200.67 | -1,330.83 | 453.10 | 392.70 | 60.40 | 7.501 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-11 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 5,202.99 | 4,958.07 | 33.48 | 31.50 | 117.66 | -207.13 | -1,365.82 | 462.56 | 400.66 | 61.90 | 7.473 | | |
| 5,300.00 | 5,013.00 | 5,302.51 | 5,051.02 | 34.24 | 32.24 | 117.38 | -213.59 | -1,400.80 | 472.03 | 408.64 | 63.40 | 7.446 | | |
| 5,400.00 | 5,105.97 | 5,402.04 | 5,143.96 | 35.00 | 32.99 | 117.11 | -220.05 | -1,435.79 | 481.52 | 416.62 | 64.90 | 7.420 | | |
| 5,500.00 | 5,198.94 | 5,501.56 | 5,236.91 | 35.77 | 33.74 | 116.85 | -226.52 | -1,470.78 | 491.01 | 424.61 | 66.39 | 7.395 | | |
| 5,600.00 | 5,291.91 | 5,601.09 | 5,329.86 | 36.53 | 34.48 | 116.60 | -232.98 | -1,505.76 | 500.51 | 432.61 | 67.89 | 7.372 | | |
| 5,700.00 | 5,384.87 | 5,700.61 | 5,422.81 | 37.29 | 35.23 | 116.36 | -239.44 | -1,540.75 | 510.02 | 440.62 | 69.39 | 7.350 | | |
| 5,800.00 | 5,477.84 | 5,800.14 | 5,515.76 | 38.06 | 35.98 | 116.13 | -245.91 | -1,575.74 | 519.54 | 448.64 | 70.89 | 7.329 | | |
| 5,900.00 | 5,570.81 | 5,900.34 | 5,608.70 | 38.82 | 36.73 | 115.91 | -252.37 | -1,610.72 | 529.06 | 456.67 | 72.40 | 7.308 | | |
| 6,000.00 | 5,663.78 | 6,000.81 | 5,701.65 | 39.59 | 37.49 | 115.69 | -258.83 | -1,645.71 | 538.60 | 464.69 | 73.90 | 7.288 | | |
| 6,100.00 | 5,756.75 | 6,101.29 | 5,794.60 | 40.35 | 38.24 | 115.49 | -265.30 | -1,680.70 | 548.14 | 472.73 | 75.41 | 7.269 | | |
| 6,200.00 | 5,849.71 | 6,201.76 | 5,887.55 | 41.12 | 39.00 | 115.29 | -271.76 | -1,715.68 | 557.69 | 480.77 | 76.92 | 7.250 | | |
| 6,300.00 | 5,942.68 | 6,302.24 | 5,980.49 | 41.88 | 39.75 | 115.09 | -278.22 | -1,750.67 | 567.24 | 488.82 | 78.43 | 7.233 | | |
| 6,400.00 | 6,035.65 | 6,402.72 | 6,073.44 | 42.64 | 40.51 | 114.91 | -284.68 | -1,785.66 | 576.80 | 496.87 | 79.93 | 7.216 | | |
| 6,500.00 | 6,128.62 | 6,503.19 | 6,166.39 | 43.41 | 41.27 | 114.73 | -291.15 | -1,820.64 | 586.37 | 504.93 | 81.44 | 7.200 | | |
| 6,600.00 | 6,221.59 | 6,603.67 | 6,259.34 | 44.17 | 42.02 | 114.55 | -297.61 | -1,855.63 | 595.94 | 512.99 | 82.95 | 7.185 | | |
| 6,700.00 | 6,314.55 | 6,695.86 | 6,352.29 | 44.94 | 42.72 | 114.38 | -304.07 | -1,890.62 | 605.52 | 521.12 | 84.39 | 7.175 | | |
| 6,800.00 | 6,407.52 | 6,795.38 | 6,445.23 | 45.70 | 43.47 | 114.22 | -310.54 | -1,925.60 | 615.10 | 529.21 | 85.90 | 7.161 | | |
| 6,900.00 | 6,499.98 | 6,892.33 | 6,534.05 | 46.49 | 44.27 | 109.29 | -316.69 | -1,963.76 | 624.74 | 537.20 | 87.54 | 7.137 | | |
| 7,000.00 | 6,586.50 | 6,987.43 | 6,614.01 | 47.49 | 45.32 | 101.70 | -322.15 | -2,014.75 | 633.88 | 544.22 | 89.66 | 7.070 | | |
| 7,100.00 | 6,663.58 | 7,081.67 | 6,683.89 | 48.75 | 46.61 | 97.10 | -326.84 | -2,077.65 | 642.06 | 549.84 | 92.22 | 6.962 | | |
| 7,200.00 | 6,728.87 | 7,175.24 | 6,742.18 | 50.23 | 48.11 | 94.06 | -330.65 | -2,150.61 | 649.02 | 553.83 | 95.18 | 6.819 | | |
| 7,300.00 | 6,780.38 | 7,268.29 | 6,787.65 | 51.91 | 49.79 | 92.03 | -333.52 | -2,231.63 | 654.51 | 556.03 | 98.48 | 6.646 | | |
| 7,400.00 | 6,816.56 | 7,360.98 | 6,819.36 | 53.74 | 51.61 | 90.76 | -335.37 | -2,318.60 | 658.37 | 556.34 | 102.03 | 6.453 | | |
| 7,500.00 | 6,836.29 | 7,453.46 | 6,836.66 | 55.65 | 53.50 | 90.11 | -336.18 | -2,409.34 | 660.47 | 554.74 | 105.73 | 6.247 | | |
| 7,600.00 | 6,840.00 | 7,548.38 | 6,840.00 | 57.58 | 55.47 | 90.00 | -335.97 | -2,504.14 | 660.84 | 551.23 | 109.62 | 6.029 | | |
| 7,700.00 | 6,840.00 | 7,648.38 | 6,840.00 | 59.56 | 57.59 | 90.00 | -335.50 | -2,604.14 | 660.84 | 546.98 | 113.86 | 5.804 | | |
| 7,800.00 | 6,840.00 | 7,748.38 | 6,840.00 | 61.60 | 59.76 | 90.00 | -335.03 | -2,704.14 | 660.83 | 542.63 | 118.20 | 5.591 | | |
| 7,900.00 | 6,840.00 | 7,848.38 | 6,840.00 | 63.69 | 61.96 | 90.00 | -334.56 | -2,804.14 | 660.82 | 538.19 | 122.63 | 5.389 | | |
| 8,000.00 | 6,840.00 | 7,948.38 | 6,840.00 | 65.82 | 64.21 | 90.00 | -334.10 | -2,904.14 | 660.81 | 533.67 | 127.14 | 5.198 | | |
| 8,100.00 | 6,840.00 | 8,048.38 | 6,840.00 | 67.99 | 66.49 | 90.00 | -333.63 | -3,004.13 | 660.80 | 529.09 | 131.71 | 5.017 | | |
| 8,200.00 | 6,840.00 | 8,148.38 | 6,840.00 | 70.21 | 68.81 | 90.00 | -333.16 | -3,104.13 | 660.79 | 524.44 | 136.35 | 4.846 | | |
| 8,300.00 | 6,840.00 | 8,248.38 | 6,840.00 | 72.45 | 71.15 | 90.00 | -332.69 | -3,204.13 | 660.78 | 519.73 | 141.05 | 4.685 | | |
| 8,400.00 | 6,840.00 | 8,348.38 | 6,840.00 | 74.73 | 73.52 | 90.00 | -332.22 | -3,304.13 | 660.78 | 514.98 | 145.80 | 4.532 | | |
| 8,500.00 | 6,840.00 | 8,448.38 | 6,840.00 | 77.04 | 75.92 | 90.00 | -331.75 | -3,404.13 | 660.77 | 510.17 | 150.60 | 4.388 | | |
| 8,600.00 | 6,840.00 | 8,548.38 | 6,840.00 | 79.38 | 78.33 | 90.00 | -331.28 | -3,504.13 | 660.76 | 505.32 | 155.44 | 4.251 | | |
| 8,700.00 | 6,840.00 | 8,648.38 | 6,840.00 | 81.74 | 80.77 | 90.00 | -330.81 | -3,604.13 | 660.75 | 500.44 | 160.31 | 4.122 | | |
| 8,800.00 | 6,840.00 | 8,748.38 | 6,840.00 | 84.12 | 83.22 | 90.00 | -330.35 | -3,704.13 | 660.74 | 495.52 | 165.22 | 3.999 | | |
| 8,900.00 | 6,840.00 | 8,848.38 | 6,840.00 | 86.52 | 85.69 | 90.00 | -329.88 | -3,804.13 | 660.73 | 490.56 | 170.17 | 3.883 | | |
| 9,000.00 | 6,840.00 | 8,948.38 | 6,840.00 | 88.94 | 88.17 | 90.00 | -329.41 | -3,904.12 | 660.73 | 485.58 | 175.14 | 3.773 | | |
| 9,100.00 | 6,840.00 | 9,048.38 | 6,840.00 | 91.38 | 90.67 | 90.00 | -328.94 | -4,004.12 | 660.72 | 480.57 | 180.14 | 3.668 | | |
| 9,200.00 | 6,840.00 | 9,148.38 | 6,840.00 | 93.83 | 93.18 | 90.00 | -328.47 | -4,104.12 | 660.71 | 475.54 | 185.17 | 3.568 | | |
| 9,300.00 | 6,840.00 | 9,248.38 | 6,840.00 | 96.30 | 95.70 | 90.00 | -328.00 | -4,204.12 | 660.70 | 470.48 | 190.22 | 3.473 | | |
| 9,400.00 | 6,840.00 | 9,348.38 | 6,840.00 | 98.79 | 98.23 | 90.00 | -327.53 | -4,304.12 | 660.69 | 465.40 | 195.29 | 3.383 | | |
| 9,500.00 | 6,840.00 | 9,448.38 | 6,840.00 | 101.28 | 100.77 | 90.00 | -327.06 | -4,404.12 | 660.68 | 460.31 | 200.37 | 3.297 | | |
| 9,600.00 | 6,840.00 | 9,548.38 | 6,840.00 | 103.79 | 103.32 | 90.00 | -326.59 | -4,504.12 | 660.67 | 455.19 | 205.48 | 3.215 | | |
| 9,700.00 | 6,840.00 | 9,648.38 | 6,840.00 | 106.30 | 105.88 | 90.00 | -326.13 | -4,604.12 | 660.67 | 450.06 | 210.60 | 3.137 | | |
| 9,800.00 | 6,840.00 | 9,748.38 | 6,840.00 | 108.83 | 108.45 | 90.00 | -325.66 | -4,704.12 | 660.66 | 444.91 | 215.74 | 3.062 | | |
| 9,900.00 | 6,840.00 | 9,848.38 | 6,840.00 | 111.37 | 111.02 | 90.00 | -325.19 | -4,804.11 | 660.65 | 439.75 | 220.90 | 2.991 | | |
| 10,000.00 | 6,840.00 | 9,948.38 | 6,840.00 | 113.91 | 113.60 | 90.00 | -324.72 | -4,904.11 | 660.64 | 434.58 | 226.06 | 2.922 | | |
| 10,100.00 | 6,840.00 | 10,048.38 | 6,840.00 | 116.47 | 116.19 | 90.00 | -324.25 | -5,004.11 | 660.63 | 429.39 | 231.24 | 2.857 | | |
| 10,200.00 | 6,840.00 | 10,148.38 | 6,840.00 | 119.03 | 118.79 | 90.00 | -323.78 | -5,104.11 | 660.62 | 424.19 | 236.43 | 2.794 | | |
| 10,300.00 | 6,840.00 | 10,248.38 | 6,840.00 | 121.59 | 121.38 | 90.00 | -323.31 | -5,204.11 | 660.61 | 418.98 | 241.64 | 2.734 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-11 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 10,348.38 | 6,840.00 | 124.17 | 123.99 | 90.00 | -322.84 | -5,304.11 | 660.61 | 413.76 | 246.85 | 2.676 | | |
| 10,500.00 | 6,840.00 | 10,448.38 | 6,840.00 | 126.75 | 126.60 | 90.00 | -322.38 | -5,404.11 | 660.60 | 408.53 | 252.07 | 2.621 | | |
| 10,600.00 | 6,840.00 | 10,548.38 | 6,840.00 | 129.34 | 129.21 | 90.00 | -321.91 | -5,504.11 | 660.59 | 403.29 | 257.30 | 2.567 | | |
| 10,700.00 | 6,840.00 | 10,648.38 | 6,840.00 | 131.93 | 131.83 | 90.00 | -321.44 | -5,604.11 | 660.58 | 398.04 | 262.54 | 2.516 | | |
| 10,800.00 | 6,840.00 | 10,748.38 | 6,840.00 | 134.53 | 134.45 | 90.00 | -320.97 | -5,704.10 | 660.57 | 392.78 | 267.79 | 2.467 | | |
| 10,900.00 | 6,840.00 | 10,848.38 | 6,840.00 | 137.13 | 137.08 | 90.00 | -320.50 | -5,804.10 | 660.56 | 387.52 | 273.04 | 2.419 | | |
| 11,000.00 | 6,840.00 | 10,948.38 | 6,840.00 | 139.73 | 139.71 | 90.00 | -320.03 | -5,904.10 | 660.55 | 382.25 | 278.30 | 2.374 | | |
| 11,100.00 | 6,840.00 | 11,048.38 | 6,840.00 | 142.35 | 142.34 | 90.00 | -319.56 | -6,004.10 | 660.55 | 376.97 | 283.57 | 2.329 | | |
| 11,200.00 | 6,840.00 | 11,148.38 | 6,840.00 | 144.96 | 144.98 | 90.00 | -319.09 | -6,104.10 | 660.54 | 371.69 | 288.85 | 2.287 | | |
| 11,300.00 | 6,840.00 | 11,248.38 | 6,840.00 | 147.58 | 147.62 | 90.00 | -318.63 | -6,204.10 | 660.53 | 366.40 | 294.13 | 2.246 | | |
| 11,400.00 | 6,840.00 | 11,348.38 | 6,840.00 | 150.20 | 150.26 | 90.00 | -318.16 | -6,304.10 | 660.52 | 361.11 | 299.41 | 2.206 | | |
| 11,500.00 | 6,840.00 | 11,448.38 | 6,840.00 | 152.83 | 152.90 | 90.00 | -317.69 | -6,404.10 | 660.51 | 355.81 | 304.71 | 2.168 | | |
| 11,600.00 | 6,840.00 | 11,548.38 | 6,840.00 | 155.46 | 155.55 | 90.00 | -317.22 | -6,504.10 | 660.50 | 350.50 | 310.00 | 2.131 | | |
| 11,700.00 | 6,840.00 | 11,648.38 | 6,840.00 | 158.09 | 158.20 | 90.00 | -316.75 | -6,604.09 | 660.49 | 345.19 | 315.30 | 2.095 | | |
| 11,800.00 | 6,840.00 | 11,748.38 | 6,840.00 | 160.73 | 160.85 | 90.00 | -316.28 | -6,704.09 | 660.49 | 339.87 | 320.61 | 2.060 | | |
| 11,900.00 | 6,840.00 | 11,848.38 | 6,840.00 | 163.36 | 163.51 | 90.00 | -315.81 | -6,804.09 | 660.48 | 334.55 | 325.92 | 2.026 | | |
| 12,000.00 | 6,840.00 | 11,948.38 | 6,840.00 | 166.01 | 166.17 | 90.00 | -315.34 | -6,904.09 | 660.47 | 329.23 | 331.24 | 1.994 | | |
| 12,100.00 | 6,840.00 | 12,048.38 | 6,840.00 | 168.65 | 168.82 | 90.00 | -314.87 | -7,004.09 | 660.46 | 323.90 | 336.56 | 1.962 | | |
| 12,200.00 | 6,840.00 | 12,148.38 | 6,840.00 | 171.30 | 171.48 | 90.00 | -314.41 | -7,104.09 | 660.45 | 318.57 | 341.88 | 1.932 | | |
| 12,300.00 | 6,840.00 | 12,248.38 | 6,840.00 | 173.94 | 174.15 | 90.00 | -313.94 | -7,204.09 | 660.44 | 313.24 | 347.21 | 1.902 | | |
| 12,400.00 | 6,840.00 | 12,348.38 | 6,840.00 | 176.59 | 176.81 | 90.00 | -313.47 | -7,304.09 | 660.43 | 307.90 | 352.54 | 1.873 | | |
| 12,500.00 | 6,840.00 | 12,448.38 | 6,840.00 | 179.25 | 179.48 | 90.00 | -313.00 | -7,404.09 | 660.43 | 302.56 | 357.87 | 1.845 | | |
| 12,600.00 | 6,840.00 | 12,548.38 | 6,840.00 | 181.90 | 182.15 | 90.00 | -312.53 | -7,504.08 | 660.42 | 297.21 | 363.21 | 1.818 | | |
| 12,700.00 | 6,840.00 | 12,648.38 | 6,840.00 | 184.56 | 184.81 | 90.00 | -312.06 | -7,604.08 | 660.41 | 291.86 | 368.55 | 1.792 | | |
| 12,800.00 | 6,840.00 | 12,748.38 | 6,840.00 | 187.22 | 187.48 | 90.00 | -311.59 | -7,704.08 | 660.40 | 286.51 | 373.89 | 1.766 | | |
| 12,900.00 | 6,840.00 | 12,848.38 | 6,840.00 | 189.88 | 190.16 | 90.00 | -311.12 | -7,804.08 | 660.39 | 281.16 | 379.23 | 1.741 | | |
| 13,000.00 | 6,840.00 | 12,948.38 | 6,840.00 | 192.54 | 192.83 | 90.00 | -310.66 | -7,904.08 | 660.38 | 275.80 | 384.58 | 1.717 | | |
| 13,100.00 | 6,840.00 | 13,048.38 | 6,840.00 | 195.20 | 195.50 | 90.00 | -310.19 | -8,004.08 | 660.37 | 270.44 | 389.93 | 1.694 | | |
| 13,200.00 | 6,840.00 | 13,148.38 | 6,840.00 | 197.87 | 198.18 | 90.00 | -309.72 | -8,104.08 | 660.37 | 265.08 | 395.28 | 1.671 | | |
| 13,300.00 | 6,840.00 | 13,248.38 | 6,840.00 | 200.53 | 200.86 | 90.00 | -309.25 | -8,204.08 | 660.36 | 259.72 | 400.64 | 1.648 | | |
| 13,400.00 | 6,840.00 | 13,348.38 | 6,840.00 | 203.20 | 203.54 | 90.00 | -308.78 | -8,304.08 | 660.35 | 254.35 | 406.00 | 1.626 | | |
| 13,500.00 | 6,840.00 | 13,448.38 | 6,840.00 | 205.87 | 206.21 | 90.00 | -308.31 | -8,404.07 | 660.34 | 248.98 | 411.36 | 1.605 | | |
| 13,600.00 | 6,840.00 | 13,548.38 | 6,840.00 | 208.54 | 208.89 | 90.00 | -307.84 | -8,504.07 | 660.33 | 243.61 | 416.72 | 1.585 | | |
| 13,700.00 | 6,840.00 | 13,648.38 | 6,840.00 | 211.22 | 211.58 | 90.00 | -307.37 | -8,604.07 | 660.32 | 238.24 | 422.08 | 1.564 | | |
| 13,800.00 | 6,840.00 | 13,748.38 | 6,840.00 | 213.89 | 214.26 | 90.00 | -306.91 | -8,704.07 | 660.31 | 232.87 | 427.45 | 1.545 | | |
| 13,900.00 | 6,840.00 | 13,848.38 | 6,840.00 | 216.56 | 216.94 | 90.00 | -306.44 | -8,804.07 | 660.31 | 227.49 | 432.81 | 1.526 | | |
| 14,000.00 | 6,840.00 | 13,948.38 | 6,840.00 | 219.24 | 219.63 | 90.00 | -305.97 | -8,904.07 | 660.30 | 222.11 | 438.18 | 1.507 | | |
| 14,100.00 | 6,840.00 | 14,048.38 | 6,840.00 | 221.92 | 222.31 | 90.00 | -305.50 | -9,004.07 | 660.29 | 216.73 | 443.55 | 1.489 Level 3 | | |
| 14,200.00 | 6,840.00 | 14,148.38 | 6,840.00 | 224.59 | 225.00 | 90.00 | -305.03 | -9,104.07 | 660.28 | 211.35 | 448.93 | 1.471 Level 3 | | |
| 14,300.00 | 6,840.00 | 14,248.38 | 6,840.00 | 227.27 | 227.68 | 90.00 | -304.56 | -9,204.07 | 660.27 | 205.97 | 454.30 | 1.453 Level 3 | | |
| 14,400.00 | 6,840.00 | 14,348.38 | 6,840.00 | 229.95 | 230.37 | 90.00 | -304.09 | -9,304.06 | 660.26 | 200.59 | 459.68 | 1.436 Level 3 | | |
| 14,500.00 | 6,840.00 | 14,448.38 | 6,840.00 | 232.63 | 233.06 | 90.00 | -303.62 | -9,404.06 | 660.25 | 195.20 | 465.05 | 1.420 Level 3 | | |
| 14,600.00 | 6,840.00 | 14,548.38 | 6,840.00 | 235.31 | 235.75 | 90.00 | -303.16 | -9,504.06 | 660.25 | 189.81 | 470.43 | 1.403 Level 3 | | |
| 14,700.00 | 6,840.00 | 14,648.38 | 6,840.00 | 238.00 | 238.44 | 90.00 | -302.69 | -9,604.06 | 660.24 | 184.43 | 475.81 | 1.388 Level 3 | | |
| 14,800.00 | 6,840.00 | 14,748.38 | 6,840.00 | 240.68 | 241.13 | 90.00 | -302.22 | -9,704.06 | 660.23 | 179.04 | 481.19 | 1.372 Level 3 | | |
| 14,900.00 | 6,840.00 | 14,848.38 | 6,840.00 | 243.36 | 243.82 | 90.00 | -301.75 | -9,804.06 | 660.22 | 173.64 | 486.58 | 1.357 Level 3 | | |
| 15,000.00 | 6,840.00 | 14,948.38 | 6,840.00 | 246.05 | 246.51 | 90.00 | -301.28 | -9,904.06 | 660.21 | 168.25 | 491.96 | 1.342 Level 3 | | |
| 15,100.00 | 6,840.00 | 15,048.38 | 6,840.00 | 248.74 | 249.20 | 90.00 | -300.81 | -10,004.06 | 660.20 | 162.86 | 497.34 | 1.327 Level 3 | | |
| 15,200.00 | 6,840.00 | 15,148.38 | 6,840.00 | 251.42 | 251.89 | 90.00 | -300.34 | -10,104.06 | 660.19 | 157.46 | 502.73 | 1.313 Level 3 | | |
| 15,300.00 | 6,840.00 | 15,248.38 | 6,840.00 | 254.11 | 254.59 | 90.00 | -299.87 | -10,204.05 | 660.19 | 152.07 | 508.12 | 1.299 Level 3 | | |
| 15,400.00 | 6,840.00 | 15,348.38 | 6,840.00 | 256.80 | 257.28 | 90.00 | -299.40 | -10,304.05 | 660.18 | 146.67 | 513.51 | 1.286 Level 3 | | |
| 15,500.00 | 6,840.00 | 15,448.38 | 6,840.00 | 259.49 | 259.98 | 90.00 | -298.94 | -10,404.05 | 660.17 | 141.27 | 518.90 | 1.272 Level 3 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-11 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-----------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,600.00 | 6,840.00 | 15,548.38 | 6,840.00 | 262.17 | 262.67 | 90.00 | -298.47 | -10,504.05 | 660.16 | 135.87 | 524.29 | 1.259 Level 3 | | |
| 15,700.00 | 6,840.00 | 15,648.38 | 6,840.00 | 264.86 | 265.37 | 90.00 | -298.00 | -10,604.05 | 660.15 | 130.47 | 529.68 | 1.246 Level 2 | | |
| 15,800.00 | 6,840.00 | 15,748.38 | 6,840.00 | 267.55 | 268.06 | 90.00 | -297.53 | -10,704.05 | 660.14 | 125.07 | 535.07 | 1.234 Level 2 | | |
| 15,900.00 | 6,840.00 | 15,848.38 | 6,840.00 | 270.25 | 270.76 | 90.00 | -297.06 | -10,804.05 | 660.13 | 119.67 | 540.46 | 1.221 Level 2 | | |
| 16,000.00 | 6,840.00 | 15,948.38 | 6,840.00 | 272.94 | 273.46 | 90.00 | -296.59 | -10,904.05 | 660.13 | 114.27 | 545.86 | 1.209 Level 2 | | |
| 16,100.00 | 6,840.00 | 16,048.38 | 6,840.00 | 275.63 | 276.15 | 90.00 | -296.12 | -11,004.05 | 660.12 | 108.86 | 551.25 | 1.197 Level 2 | | |
| 16,200.00 | 6,840.00 | 16,148.38 | 6,840.00 | 278.32 | 278.85 | 90.00 | -295.65 | -11,104.05 | 660.11 | 103.46 | 556.65 | 1.186 Level 2 | | |
| 16,300.00 | 6,840.00 | 16,248.38 | 6,840.00 | 281.02 | 281.55 | 90.00 | -295.19 | -11,204.04 | 660.10 | 98.05 | 562.05 | 1.174 Level 2 | | |
| 16,400.00 | 6,840.00 | 16,348.38 | 6,840.00 | 283.71 | 284.25 | 90.00 | -294.72 | -11,304.04 | 660.09 | 92.65 | 567.45 | 1.163 Level 2 | | |
| 16,500.00 | 6,840.00 | 16,448.38 | 6,840.00 | 286.40 | 286.95 | 90.00 | -294.25 | -11,404.04 | 660.08 | 87.24 | 572.84 | 1.152 Level 2 | | |
| 16,600.00 | 6,840.00 | 16,548.38 | 6,840.00 | 289.10 | 289.65 | 90.00 | -293.78 | -11,504.04 | 660.07 | 81.83 | 578.24 | 1.142 Level 2 | | |
| 16,700.00 | 6,840.00 | 16,648.38 | 6,840.00 | 291.79 | 292.35 | 90.00 | -293.31 | -11,604.04 | 660.07 | 76.42 | 583.64 | 1.131 Level 2 | | |
| 16,800.00 | 6,840.00 | 16,748.38 | 6,840.00 | 294.49 | 295.05 | 90.00 | -292.84 | -11,704.04 | 660.06 | 71.01 | 589.04 | 1.121 Level 2 | | |
| 16,900.00 | 6,840.00 | 16,848.38 | 6,840.00 | 297.19 | 297.75 | 90.00 | -292.37 | -11,804.04 | 660.05 | 65.60 | 594.45 | 1.110 Level 2 | | |
| 17,000.00 | 6,840.00 | 16,948.38 | 6,840.00 | 299.88 | 300.45 | 90.00 | -291.90 | -11,904.04 | 660.04 | 60.19 | 599.85 | 1.100 Level 2 | | |
| 17,100.00 | 6,840.00 | 17,048.38 | 6,840.00 | 302.58 | 303.15 | 90.00 | -291.44 | -12,004.04 | 660.03 | 54.78 | 605.25 | 1.091 Level 2 | | |
| 17,200.00 | 6,840.00 | 17,148.38 | 6,840.00 | 305.28 | 305.85 | 90.00 | -290.97 | -12,104.03 | 660.02 | 49.37 | 610.66 | 1.081 Level 2 | | |
| 17,300.00 | 6,840.00 | 17,248.38 | 6,840.00 | 307.97 | 308.55 | 90.00 | -290.50 | -12,204.03 | 660.01 | 43.95 | 616.06 | 1.071 Level 2 | | |
| 17,400.00 | 6,840.00 | 17,348.38 | 6,840.00 | 310.67 | 311.26 | 90.00 | -290.03 | -12,304.03 | 660.01 | 38.54 | 621.46 | 1.062 Level 2 | | |
| 17,500.00 | 6,840.00 | 17,448.38 | 6,840.00 | 313.37 | 313.96 | 90.00 | -289.56 | -12,404.03 | 660.00 | 33.13 | 626.87 | 1.053 Level 2 | | |
| 17,600.00 | 6,840.00 | 17,548.38 | 6,840.00 | 316.07 | 316.66 | 90.00 | -289.09 | -12,504.03 | 659.99 | 27.71 | 632.28 | 1.044 Level 2 | | |
| 17,700.00 | 6,840.00 | 17,648.38 | 6,840.00 | 318.77 | 319.36 | 90.00 | -288.62 | -12,604.03 | 659.98 | 22.30 | 637.68 | 1.035 Level 2 | | |
| 17,800.00 | 6,840.00 | 17,748.38 | 6,840.00 | 321.47 | 322.07 | 90.00 | -288.15 | -12,704.03 | 659.97 | 16.88 | 643.09 | 1.026 Level 2 | | |
| 17,900.00 | 6,840.00 | 17,848.38 | 6,840.00 | 324.17 | 324.77 | 90.00 | -287.68 | -12,804.03 | 659.96 | 11.47 | 648.50 | 1.018 Level 2 | | |
| 18,000.00 | 6,840.00 | 17,948.38 | 6,840.00 | 326.87 | 327.47 | 90.00 | -287.22 | -12,904.03 | 659.95 | 6.05 | 653.91 | 1.009 Level 2 | | |
| 18,100.00 | 6,840.00 | 18,048.38 | 6,840.00 | 329.57 | 330.18 | 90.00 | -286.75 | -13,004.02 | 659.95 | 0.63 | 659.31 | 1.001 Level 2 | | |
| 18,200.00 | 6,840.00 | 18,148.38 | 6,840.00 | 332.27 | 332.88 | 90.00 | -286.28 | -13,104.02 | 659.94 | -4.79 | 664.72 | 0.993 Level 1 | | |
| 18,300.00 | 6,840.00 | 18,248.38 | 6,840.00 | 334.97 | 335.59 | 90.00 | -285.81 | -13,204.02 | 659.93 | -10.20 | 670.13 | 0.985 Level 1 | | |
| 18,400.00 | 6,840.00 | 18,348.38 | 6,840.00 | 337.67 | 338.29 | 90.00 | -285.34 | -13,304.02 | 659.92 | -15.62 | 675.54 | 0.977 Level 1 | | |
| 18,500.00 | 6,840.00 | 18,448.38 | 6,840.00 | 340.38 | 341.00 | 90.00 | -284.87 | -13,404.02 | 659.91 | -21.04 | 680.95 | 0.969 Level 1 | | |
| 18,600.00 | 6,840.00 | 18,548.38 | 6,840.00 | 343.08 | 343.70 | 90.00 | -284.40 | -13,504.02 | 659.90 | -26.46 | 686.37 | 0.961 Level 1 | | |
| 18,700.00 | 6,840.00 | 18,648.38 | 6,840.00 | 345.78 | 346.41 | 90.00 | -283.93 | -13,604.02 | 659.89 | -31.88 | 691.78 | 0.954 Level 1 | | |
| 18,800.00 | 6,840.00 | 18,748.38 | 6,840.00 | 348.48 | 349.12 | 90.00 | -283.47 | -13,704.02 | 659.89 | -37.30 | 697.19 | 0.946 Level 1 | | |
| 18,900.00 | 6,840.00 | 18,848.38 | 6,840.00 | 351.19 | 351.82 | 90.00 | -283.00 | -13,804.02 | 659.88 | -42.72 | 702.60 | 0.939 Level 1 | | |
| 19,000.00 | 6,840.00 | 18,948.38 | 6,840.00 | 353.89 | 354.53 | 90.00 | -282.53 | -13,904.01 | 659.87 | -48.15 | 708.01 | 0.932 Level 1 | | |
| 19,100.00 | 6,840.00 | 19,048.38 | 6,840.00 | 356.59 | 357.23 | 90.00 | -282.06 | -14,004.01 | 659.86 | -53.57 | 713.43 | 0.925 Level 1 | | |
| 19,200.00 | 6,840.00 | 19,148.38 | 6,840.00 | 359.30 | 359.94 | 90.00 | -281.59 | -14,104.01 | 659.85 | -58.99 | 718.84 | 0.918 Level 1 | | |
| 19,300.00 | 6,840.00 | 19,248.38 | 6,840.00 | 362.00 | 362.65 | 90.00 | -281.12 | -14,204.01 | 659.84 | -64.41 | 724.26 | 0.911 Level 1 | | |
| 19,400.00 | 6,840.00 | 19,348.38 | 6,840.00 | 364.71 | 365.35 | 90.00 | -280.65 | -14,304.01 | 659.83 | -69.84 | 729.67 | 0.904 Level 1 | | |
| 19,500.00 | 6,840.00 | 19,448.38 | 6,840.00 | 367.41 | 368.06 | 90.00 | -280.18 | -14,404.01 | 659.83 | -75.26 | 735.08 | 0.898 Level 1 | | |
| 19,600.00 | 6,840.00 | 19,548.38 | 6,840.00 | 370.11 | 370.77 | 90.00 | -279.72 | -14,504.01 | 659.82 | -80.68 | 740.50 | 0.891 Level 1 | | |
| 19,700.00 | 6,840.00 | 19,648.38 | 6,840.00 | 372.82 | 373.48 | 90.00 | -279.25 | -14,604.01 | 659.81 | -86.11 | 745.92 | 0.885 Level 1 | | |
| 19,800.00 | 6,840.00 | 19,748.38 | 6,840.00 | 375.53 | 376.18 | 90.00 | -278.78 | -14,704.01 | 659.80 | -91.53 | 751.33 | 0.878 Level 1 | | |
| 19,900.00 | 6,840.00 | 19,848.38 | 6,840.00 | 378.23 | 378.89 | 90.00 | -278.31 | -14,804.00 | 659.79 | -96.96 | 756.75 | 0.872 Level 1 | | |
| 20,000.00 | 6,840.00 | 19,948.38 | 6,840.00 | 380.94 | 381.60 | 90.00 | -277.84 | -14,904.00 | 659.78 | -102.38 | 762.16 | 0.866 Level 1 | | |
| 20,100.00 | 6,840.00 | 20,048.38 | 6,840.00 | 383.64 | 384.31 | 90.00 | -277.37 | -15,004.00 | 659.77 | -107.81 | 767.58 | 0.860 Level 1 | | |
| 20,200.00 | 6,840.00 | 20,148.38 | 6,840.00 | 386.35 | 387.02 | 90.00 | -276.90 | -15,104.00 | 659.77 | -113.23 | 773.00 | 0.854 Level 1 | | |
| 20,300.00 | 6,840.00 | 20,248.38 | 6,840.00 | 389.05 | 389.73 | 90.00 | -276.43 | -15,204.00 | 659.76 | -118.66 | 778.42 | 0.848 Level 1 | | |
| 20,400.00 | 6,840.00 | 20,348.38 | 6,840.00 | 391.76 | 392.44 | 90.00 | -275.97 | -15,304.00 | 659.75 | -124.08 | 783.83 | 0.842 Level 1 | | |
| 20,442.82 | 6,840.00 | 20,391.20 | 6,840.00 | 392.92 | 393.60 | 90.00 | -275.76 | -15,346.82 | 659.75 | -126.41 | 786.15 | 0.839 Level 1, ES, SF | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-12 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 22.59 | 0.00 | 22.59 | | | | | |
| 100.00 | 100.00 | 100.00 | 100.00 | 0.13 | 0.13 | 0.00 | 22.59 | 0.00 | 22.59 | 22.32 | 0.27 | 84.012 | | |
| 200.00 | 200.00 | 200.00 | 200.00 | 0.49 | 0.49 | 0.00 | 22.59 | 0.00 | 22.59 | 21.60 | 0.99 | 22.912 | | |
| 300.00 | 300.00 | 300.00 | 300.00 | 0.85 | 0.85 | 0.00 | 22.59 | 0.00 | 22.59 | 20.88 | 1.70 | 13.265 | | |
| 400.00 | 400.00 | 400.00 | 400.00 | 1.21 | 1.21 | 0.00 | 22.59 | 0.00 | 22.59 | 20.17 | 2.42 | 9.335 | | |
| 500.00 | 500.00 | 500.00 | 500.00 | 1.57 | 1.57 | 0.00 | 22.59 | 0.00 | 22.59 | 19.45 | 3.14 | 7.201 | CC | |
| 600.00 | 599.98 | 600.02 | 599.98 | 1.92 | 1.93 | 119.63 | 22.59 | 0.00 | 23.40 | 19.56 | 3.84 | 6.090 | | |
| 700.00 | 699.84 | 699.84 | 699.84 | 2.26 | 2.28 | 129.51 | 22.59 | 0.00 | 26.38 | 21.84 | 4.54 | 5.806 | | |
| 800.00 | 799.45 | 800.21 | 800.19 | 2.62 | 2.63 | 139.10 | 22.03 | -1.66 | 31.45 | 26.20 | 5.24 | 5.997 | | |
| 900.00 | 898.70 | 900.82 | 900.65 | 2.99 | 2.98 | 145.33 | 20.36 | -6.67 | 37.41 | 31.46 | 5.94 | 6.296 | | |
| 1,000.00 | 997.47 | 1,001.66 | 1,001.11 | 3.39 | 3.34 | 149.30 | 17.57 | -15.05 | 43.91 | 37.26 | 6.65 | 6.606 | | |
| 1,100.00 | 1,095.62 | 1,102.75 | 1,101.42 | 3.81 | 3.71 | 151.78 | 13.64 | -26.81 | 50.78 | 43.42 | 7.36 | 6.895 | | |
| 1,200.00 | 1,193.06 | 1,204.06 | 1,201.47 | 4.27 | 4.10 | 153.25 | 8.59 | -41.96 | 57.91 | 49.81 | 8.10 | 7.153 | | |
| 1,300.00 | 1,289.64 | 1,305.61 | 1,301.11 | 4.77 | 4.52 | 154.03 | 2.41 | -60.50 | 65.24 | 56.39 | 8.84 | 7.376 | | |
| 1,400.00 | 1,385.27 | 1,407.39 | 1,400.22 | 5.31 | 4.98 | 154.30 | -4.91 | -82.43 | 72.74 | 63.12 | 9.62 | 7.564 | | |
| 1,500.00 | 1,479.82 | 1,509.39 | 1,498.66 | 5.91 | 5.48 | 154.22 | -13.35 | -107.74 | 80.40 | 69.98 | 10.42 | 7.714 | | |
| 1,600.00 | 1,573.19 | 1,611.61 | 1,596.30 | 6.55 | 6.02 | 153.86 | -22.92 | -136.43 | 88.14 | 76.88 | 11.27 | 7.824 | | |
| 1,700.00 | 1,666.16 | 1,714.14 | 1,693.09 | 7.23 | 6.61 | 152.69 | -33.63 | -168.51 | 93.94 | 81.77 | 12.17 | 7.717 | | |
| 1,800.00 | 1,759.13 | 1,815.41 | 1,787.61 | 7.93 | 7.25 | 150.60 | -45.13 | -203.00 | 97.24 | 84.05 | 13.19 | 7.370 | | |
| 1,900.00 | 1,852.10 | 1,915.30 | 1,880.67 | 8.64 | 7.91 | 148.53 | -56.61 | -237.42 | 100.31 | 86.02 | 14.29 | 7.017 | | |
| 2,000.00 | 1,945.06 | 2,015.19 | 1,973.74 | 9.35 | 8.59 | 146.57 | -68.09 | -271.84 | 103.51 | 88.06 | 15.45 | 6.701 | | |
| 2,100.00 | 2,038.03 | 2,115.08 | 2,066.80 | 10.08 | 9.28 | 144.74 | -79.58 | -306.26 | 106.81 | 90.17 | 16.64 | 6.417 | | |
| 2,200.00 | 2,131.00 | 2,214.97 | 2,159.87 | 10.81 | 9.98 | 143.02 | -91.06 | -340.68 | 110.22 | 92.34 | 17.88 | 6.164 | | |
| 2,300.00 | 2,223.97 | 2,314.85 | 2,252.94 | 11.54 | 10.68 | 141.40 | -102.54 | -375.10 | 113.73 | 94.57 | 19.16 | 5.937 | | |
| 2,400.00 | 2,316.94 | 2,414.74 | 2,346.00 | 12.28 | 11.40 | 139.88 | -114.02 | -409.51 | 117.32 | 96.86 | 20.46 | 5.733 | | |
| 2,500.00 | 2,409.90 | 2,514.63 | 2,439.07 | 13.02 | 12.12 | 138.45 | -125.50 | -443.93 | 120.99 | 99.19 | 21.80 | 5.550 | | |
| 2,600.00 | 2,502.87 | 2,614.52 | 2,532.13 | 13.77 | 12.84 | 137.11 | -136.98 | -478.35 | 124.72 | 101.57 | 23.16 | 5.386 | | |
| 2,700.00 | 2,595.84 | 2,714.41 | 2,625.20 | 14.51 | 13.57 | 135.84 | -148.46 | -512.77 | 128.53 | 103.99 | 24.54 | 5.238 | | |
| 2,800.00 | 2,688.81 | 2,814.30 | 2,718.27 | 15.26 | 14.31 | 134.65 | -159.95 | -547.19 | 132.39 | 106.45 | 25.93 | 5.105 | | |
| 2,900.00 | 2,781.77 | 2,914.19 | 2,811.33 | 16.01 | 15.04 | 133.52 | -171.43 | -581.61 | 136.30 | 108.96 | 27.35 | 4.984 | | |
| 3,000.00 | 2,874.74 | 3,014.07 | 2,904.40 | 16.76 | 15.78 | 132.46 | -182.91 | -616.03 | 140.27 | 111.49 | 28.78 | 4.874 | | |
| 3,100.00 | 2,967.71 | 3,113.96 | 2,997.46 | 17.52 | 16.52 | 131.46 | -194.39 | -650.44 | 144.28 | 114.06 | 30.22 | 4.775 | | |
| 3,200.00 | 3,060.68 | 3,213.85 | 3,090.53 | 18.27 | 17.26 | 130.51 | -205.87 | -684.86 | 148.33 | 116.66 | 31.67 | 4.684 | | |
| 3,300.00 | 3,153.65 | 3,313.74 | 3,183.60 | 19.03 | 18.01 | 129.62 | -217.35 | -719.28 | 152.42 | 119.29 | 33.13 | 4.601 | | |
| 3,400.00 | 3,246.61 | 3,413.63 | 3,276.66 | 19.78 | 18.75 | 128.77 | -228.83 | -753.70 | 156.55 | 121.95 | 34.60 | 4.525 | | |
| 3,500.00 | 3,339.58 | 3,513.52 | 3,369.73 | 20.54 | 19.50 | 127.96 | -240.32 | -788.12 | 160.71 | 124.63 | 36.08 | 4.455 | | |
| 3,600.00 | 3,432.55 | 3,613.41 | 3,462.79 | 21.30 | 20.25 | 127.19 | -251.80 | -822.54 | 164.90 | 127.34 | 37.56 | 4.391 | | |
| 3,700.00 | 3,525.52 | 3,713.29 | 3,555.86 | 22.06 | 21.00 | 126.47 | -263.28 | -856.95 | 169.11 | 130.07 | 39.05 | 4.331 | | |
| 3,800.00 | 3,618.49 | 3,813.18 | 3,648.93 | 22.82 | 21.75 | 125.77 | -274.76 | -891.37 | 173.36 | 132.82 | 40.54 | 4.276 | | |
| 3,900.00 | 3,711.45 | 3,913.07 | 3,741.99 | 23.57 | 22.50 | 125.12 | -286.24 | -925.79 | 177.62 | 135.59 | 42.03 | 4.226 | | |
| 4,000.00 | 3,804.42 | 4,012.96 | 3,835.06 | 24.33 | 23.25 | 124.49 | -297.72 | -960.21 | 181.91 | 138.38 | 43.53 | 4.179 | | |
| 4,100.00 | 3,897.39 | 4,112.85 | 3,928.12 | 25.09 | 24.00 | 123.89 | -309.20 | -994.63 | 186.22 | 141.19 | 45.04 | 4.135 | | |
| 4,200.00 | 3,990.36 | 4,212.74 | 4,021.19 | 25.86 | 24.75 | 123.32 | -320.69 | -1,029.05 | 190.55 | 144.01 | 46.54 | 4.094 | | |
| 4,300.00 | 4,083.32 | 4,312.63 | 4,114.26 | 26.62 | 25.51 | 122.77 | -332.17 | -1,063.46 | 194.90 | 146.85 | 48.05 | 4.056 | | |
| 4,400.00 | 4,176.29 | 4,412.51 | 4,207.32 | 27.38 | 26.26 | 122.25 | -343.65 | -1,097.88 | 199.26 | 149.70 | 49.56 | 4.020 | | |
| 4,500.00 | 4,269.26 | 4,512.40 | 4,300.39 | 28.14 | 27.01 | 121.75 | -355.13 | -1,132.30 | 203.64 | 152.57 | 51.08 | 3.987 | | |
| 4,600.00 | 4,362.23 | 4,612.29 | 4,393.45 | 28.90 | 27.77 | 121.27 | -366.61 | -1,166.72 | 208.04 | 155.45 | 52.59 | 3.956 | | |
| 4,700.00 | 4,455.20 | 4,712.18 | 4,486.52 | 29.66 | 28.52 | 120.81 | -378.09 | -1,201.14 | 212.45 | 158.34 | 54.11 | 3.927 | | |
| 4,800.00 | 4,548.16 | 4,812.07 | 4,579.59 | 30.43 | 29.28 | 120.37 | -389.57 | -1,235.56 | 216.87 | 161.25 | 55.62 | 3.899 | | |
| 4,900.00 | 4,641.13 | 4,911.96 | 4,672.65 | 31.19 | 30.03 | 119.95 | -401.05 | -1,269.97 | 221.30 | 164.16 | 57.14 | 3.873 | | |
| 5,000.00 | 4,734.10 | 5,011.85 | 4,765.72 | 31.95 | 30.79 | 119.54 | -412.54 | -1,304.39 | 225.75 | 167.09 | 58.66 | 3.848 | | |
| 5,100.00 | 4,827.07 | 5,111.73 | 4,858.78 | 32.71 | 31.55 | 119.15 | -424.02 | -1,338.81 | 230.21 | 170.03 | 60.18 | 3.825 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-12 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 5,211.62 | 4,951.85 | 33.48 | 32.30 | 118.77 | -435.50 | -1,373.23 | 234.67 | 172.97 | 61.70 | 3.803 | | |
| 5,300.00 | 5,013.00 | 5,311.51 | 5,044.92 | 34.24 | 33.06 | 118.41 | -446.98 | -1,407.65 | 239.15 | 175.93 | 63.22 | 3.783 | | |
| 5,400.00 | 5,105.97 | 5,411.40 | 5,137.98 | 35.00 | 33.82 | 118.06 | -458.46 | -1,442.07 | 243.64 | 178.89 | 64.74 | 3.763 | | |
| 5,500.00 | 5,198.94 | 5,511.29 | 5,231.05 | 35.77 | 34.57 | 117.73 | -469.94 | -1,476.49 | 248.13 | 181.86 | 66.27 | 3.744 | | |
| 5,600.00 | 5,291.91 | 5,611.18 | 5,324.11 | 36.53 | 35.33 | 117.41 | -481.42 | -1,510.90 | 252.63 | 184.84 | 67.79 | 3.727 | | |
| 5,700.00 | 5,384.87 | 5,711.07 | 5,417.18 | 37.29 | 36.09 | 117.09 | -492.91 | -1,545.32 | 257.14 | 187.83 | 69.31 | 3.710 | | |
| 5,800.00 | 5,477.84 | 5,810.95 | 5,510.25 | 38.06 | 36.85 | 116.79 | -504.39 | -1,579.74 | 261.66 | 190.83 | 70.84 | 3.694 | | |
| 5,900.00 | 5,570.81 | 5,910.84 | 5,603.31 | 38.82 | 37.60 | 116.50 | -515.87 | -1,614.16 | 266.19 | 193.83 | 72.36 | 3.679 | | |
| 6,000.00 | 5,663.78 | 6,010.73 | 5,696.38 | 39.59 | 38.36 | 116.22 | -527.35 | -1,648.58 | 270.72 | 196.83 | 73.88 | 3.664 | | |
| 6,100.00 | 5,756.75 | 6,110.62 | 5,789.44 | 40.35 | 39.12 | 115.95 | -538.83 | -1,683.00 | 275.26 | 199.85 | 75.41 | 3.650 | | |
| 6,200.00 | 5,849.71 | 6,210.51 | 5,882.51 | 41.12 | 39.88 | 115.68 | -550.31 | -1,717.41 | 279.80 | 202.87 | 76.93 | 3.637 | | |
| 6,300.00 | 5,942.68 | 6,310.40 | 5,975.58 | 41.88 | 40.64 | 115.43 | -561.79 | -1,751.83 | 284.35 | 205.89 | 78.46 | 3.624 | | |
| 6,400.00 | 6,035.65 | 6,410.29 | 6,068.64 | 42.64 | 41.40 | 115.18 | -573.28 | -1,786.25 | 288.90 | 208.92 | 79.98 | 3.612 | | |
| 6,500.00 | 6,128.62 | 6,510.17 | 6,161.71 | 43.41 | 42.16 | 114.94 | -584.76 | -1,820.67 | 293.47 | 211.96 | 81.51 | 3.600 | | |
| 6,600.00 | 6,221.59 | 6,610.06 | 6,254.77 | 44.17 | 42.91 | 114.71 | -596.24 | -1,855.09 | 298.03 | 215.00 | 83.03 | 3.589 | | |
| 6,700.00 | 6,314.55 | 6,709.95 | 6,347.84 | 44.94 | 43.67 | 114.48 | -607.72 | -1,889.51 | 302.60 | 218.04 | 84.56 | 3.579 | | |
| 6,800.00 | 6,407.52 | 6,809.84 | 6,440.91 | 45.70 | 44.43 | 114.27 | -619.20 | -1,923.92 | 307.17 | 221.09 | 86.08 | 3.568 | | |
| 6,900.00 | 6,499.98 | 6,907.69 | 6,530.47 | 46.49 | 45.25 | 109.24 | -630.23 | -1,961.57 | 311.88 | 224.03 | 87.85 | 3.550 | | |
| 7,000.00 | 6,586.50 | 7,003.88 | 6,611.39 | 47.49 | 46.29 | 101.66 | -640.11 | -2,012.39 | 316.48 | 226.36 | 90.13 | 3.511 | | |
| 7,100.00 | 6,663.58 | 7,099.21 | 6,682.17 | 48.75 | 47.57 | 97.07 | -648.67 | -2,075.51 | 320.66 | 227.89 | 92.77 | 3.456 | | |
| 7,200.00 | 6,728.87 | 7,193.83 | 6,741.21 | 50.23 | 49.06 | 94.05 | -655.71 | -2,148.98 | 324.25 | 228.52 | 95.73 | 3.387 | | |
| 7,300.00 | 6,780.38 | 7,287.90 | 6,787.24 | 51.91 | 50.73 | 92.03 | -661.08 | -2,230.72 | 327.11 | 228.18 | 98.93 | 3.307 | | |
| 7,400.00 | 6,816.56 | 7,381.57 | 6,819.29 | 53.74 | 52.51 | 90.76 | -664.68 | -2,318.55 | 329.12 | 226.83 | 102.30 | 3.217 | | |
| 7,500.00 | 6,836.29 | 7,474.99 | 6,836.71 | 55.65 | 54.37 | 90.11 | -666.43 | -2,410.21 | 330.22 | 224.47 | 105.76 | 3.122 | | |
| 7,600.00 | 6,840.00 | 7,570.57 | 6,840.00 | 57.58 | 56.30 | 90.00 | -666.39 | -2,505.68 | 330.42 | 220.96 | 109.46 | 3.019 | | |
| 7,700.00 | 6,840.00 | 7,670.57 | 6,840.00 | 59.56 | 58.37 | 90.00 | -665.92 | -2,605.68 | 330.42 | 216.72 | 113.69 | 2.906 | | |
| 7,800.00 | 6,840.00 | 7,770.57 | 6,840.00 | 61.60 | 60.48 | 90.00 | -665.45 | -2,705.68 | 330.41 | 212.39 | 118.02 | 2.800 | | |
| 7,900.00 | 6,840.00 | 7,870.57 | 6,840.00 | 63.69 | 62.64 | 90.00 | -664.97 | -2,805.68 | 330.41 | 207.97 | 122.44 | 2.699 | | |
| 8,000.00 | 6,840.00 | 7,970.57 | 6,840.00 | 65.82 | 64.84 | 90.00 | -664.50 | -2,905.67 | 330.40 | 203.47 | 126.93 | 2.603 | | |
| 8,100.00 | 6,840.00 | 8,070.57 | 6,840.00 | 67.99 | 67.08 | 90.00 | -664.03 | -3,005.67 | 330.39 | 198.89 | 131.50 | 2.512 | | |
| 8,200.00 | 6,840.00 | 8,170.57 | 6,840.00 | 70.21 | 69.35 | 90.00 | -663.56 | -3,105.67 | 330.39 | 194.26 | 136.13 | 2.427 | | |
| 8,300.00 | 6,840.00 | 8,270.57 | 6,840.00 | 72.45 | 71.66 | 90.00 | -663.09 | -3,205.67 | 330.38 | 189.56 | 140.82 | 2.346 | | |
| 8,400.00 | 6,840.00 | 8,370.57 | 6,840.00 | 74.73 | 73.99 | 90.00 | -662.62 | -3,305.67 | 330.38 | 184.81 | 145.56 | 2.270 | | |
| 8,500.00 | 6,840.00 | 8,470.57 | 6,840.00 | 77.04 | 76.35 | 90.00 | -662.14 | -3,405.67 | 330.37 | 180.02 | 150.35 | 2.197 | | |
| 8,600.00 | 6,840.00 | 8,570.57 | 6,840.00 | 79.38 | 78.73 | 90.00 | -661.67 | -3,505.67 | 330.37 | 175.18 | 155.18 | 2.129 | | |
| 8,700.00 | 6,840.00 | 8,670.57 | 6,840.00 | 81.74 | 81.14 | 90.00 | -661.20 | -3,605.67 | 330.36 | 170.30 | 160.06 | 2.064 | | |
| 8,800.00 | 6,840.00 | 8,770.57 | 6,840.00 | 84.12 | 83.56 | 90.00 | -660.73 | -3,705.67 | 330.35 | 165.39 | 164.96 | 2.003 | | |
| 8,900.00 | 6,840.00 | 8,870.57 | 6,840.00 | 86.52 | 86.00 | 90.00 | -660.26 | -3,805.66 | 330.35 | 160.45 | 169.90 | 1.944 | | |
| 9,000.00 | 6,840.00 | 8,970.57 | 6,840.00 | 88.94 | 88.46 | 90.00 | -659.79 | -3,905.66 | 330.34 | 155.47 | 174.87 | 1.889 | | |
| 9,100.00 | 6,840.00 | 9,070.57 | 6,840.00 | 91.38 | 90.94 | 90.00 | -659.31 | -4,005.66 | 330.34 | 150.47 | 179.87 | 1.837 | | |
| 9,200.00 | 6,840.00 | 9,170.57 | 6,840.00 | 93.83 | 93.42 | 90.00 | -658.84 | -4,105.66 | 330.33 | 145.45 | 184.89 | 1.787 | | |
| 9,300.00 | 6,840.00 | 9,270.57 | 6,840.00 | 96.30 | 95.92 | 90.00 | -658.37 | -4,205.66 | 330.33 | 140.40 | 189.93 | 1.739 | | |
| 9,400.00 | 6,840.00 | 9,370.57 | 6,840.00 | 98.79 | 98.44 | 90.00 | -657.90 | -4,305.66 | 330.32 | 135.33 | 195.00 | 1.694 | | |
| 9,500.00 | 6,840.00 | 9,470.57 | 6,840.00 | 101.28 | 100.96 | 90.00 | -657.43 | -4,405.66 | 330.31 | 130.23 | 200.08 | 1.651 | | |
| 9,600.00 | 6,840.00 | 9,570.57 | 6,840.00 | 103.79 | 103.49 | 90.00 | -656.96 | -4,505.66 | 330.31 | 125.13 | 205.18 | 1.610 | | |
| 9,700.00 | 6,840.00 | 9,670.57 | 6,840.00 | 106.30 | 106.04 | 90.00 | -656.48 | -4,605.66 | 330.30 | 120.00 | 210.30 | 1.571 | | |
| 9,800.00 | 6,840.00 | 9,770.57 | 6,840.00 | 108.83 | 108.59 | 90.00 | -656.01 | -4,705.65 | 330.30 | 114.86 | 215.44 | 1.533 | | |
| 9,900.00 | 6,840.00 | 9,870.57 | 6,840.00 | 111.37 | 111.15 | 90.00 | -655.54 | -4,805.65 | 330.29 | 109.70 | 220.59 | 1.497 Level 3 | | |
| 10,000.00 | 6,840.00 | 9,970.57 | 6,840.00 | 113.91 | 113.71 | 90.00 | -655.07 | -4,905.65 | 330.29 | 104.53 | 225.75 | 1.463 Level 3 | | |
| 10,100.00 | 6,840.00 | 10,070.57 | 6,840.00 | 116.47 | 116.29 | 90.00 | -654.60 | -5,005.65 | 330.28 | 99.35 | 230.93 | 1.430 Level 3 | | |
| 10,200.00 | 6,840.00 | 10,170.57 | 6,840.00 | 119.03 | 118.87 | 90.00 | -654.13 | -5,105.65 | 330.27 | 94.16 | 236.12 | 1.399 Level 3 | | |
| 10,300.00 | 6,840.00 | 10,270.57 | 6,840.00 | 121.59 | 121.45 | 90.00 | -653.65 | -5,205.65 | 330.27 | 88.95 | 241.32 | 1.369 Level 3 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-12 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 10,370.57 | 6,840.00 | 124.17 | 124.05 | 90.00 | -653.18 | -5,305.65 | 330.26 | 83.74 | 246.53 | 1.340 | Level 3 | |
| 10,500.00 | 6,840.00 | 10,470.57 | 6,840.00 | 126.75 | 126.65 | 90.00 | -652.71 | -5,405.65 | 330.26 | 78.51 | 251.75 | 1.312 | Level 3 | |
| 10,600.00 | 6,840.00 | 10,570.57 | 6,840.00 | 129.34 | 129.25 | 90.00 | -652.24 | -5,505.65 | 330.25 | 73.28 | 256.98 | 1.285 | Level 3 | |
| 10,700.00 | 6,840.00 | 10,670.57 | 6,840.00 | 131.93 | 131.86 | 90.00 | -651.77 | -5,605.64 | 330.25 | 68.03 | 262.21 | 1.259 | Level 3 | |
| 10,800.00 | 6,840.00 | 10,770.57 | 6,840.00 | 134.53 | 134.47 | 90.00 | -651.30 | -5,705.64 | 330.24 | 62.78 | 267.46 | 1.235 | Level 2 | |
| 10,900.00 | 6,840.00 | 10,870.57 | 6,840.00 | 137.13 | 137.09 | 90.00 | -650.82 | -5,805.64 | 330.23 | 57.52 | 272.71 | 1.211 | Level 2 | |
| 11,000.00 | 6,840.00 | 10,970.57 | 6,840.00 | 139.73 | 139.71 | 90.00 | -650.35 | -5,905.64 | 330.23 | 52.26 | 277.97 | 1.188 | Level 2 | |
| 11,100.00 | 6,840.00 | 11,070.57 | 6,840.00 | 142.35 | 142.33 | 90.00 | -649.88 | -6,005.64 | 330.22 | 46.99 | 283.24 | 1.166 | Level 2 | |
| 11,200.00 | 6,840.00 | 11,170.57 | 6,840.00 | 144.96 | 144.96 | 90.00 | -649.41 | -6,105.64 | 330.22 | 41.71 | 288.51 | 1.145 | Level 2 | |
| 11,300.00 | 6,840.00 | 11,270.57 | 6,840.00 | 147.58 | 147.59 | 90.00 | -648.94 | -6,205.64 | 330.21 | 36.42 | 293.79 | 1.124 | Level 2 | |
| 11,400.00 | 6,840.00 | 11,370.57 | 6,840.00 | 150.20 | 150.22 | 90.00 | -648.47 | -6,305.64 | 330.21 | 31.13 | 299.08 | 1.104 | Level 2 | |
| 11,500.00 | 6,840.00 | 11,470.57 | 6,840.00 | 152.83 | 152.86 | 90.00 | -647.99 | -6,405.64 | 330.20 | 25.83 | 304.37 | 1.085 | Level 2 | |
| 11,600.00 | 6,840.00 | 11,570.57 | 6,840.00 | 155.46 | 155.50 | 90.00 | -647.52 | -6,505.63 | 330.19 | 20.53 | 309.66 | 1.066 | Level 2 | |
| 11,700.00 | 6,840.00 | 11,670.57 | 6,840.00 | 158.09 | 158.15 | 90.00 | -647.05 | -6,605.63 | 330.19 | 15.23 | 314.96 | 1.048 | Level 2 | |
| 11,800.00 | 6,840.00 | 11,770.57 | 6,840.00 | 160.73 | 160.79 | 90.00 | -646.58 | -6,705.63 | 330.18 | 9.92 | 320.27 | 1.031 | Level 2 | |
| 11,900.00 | 6,840.00 | 11,870.57 | 6,840.00 | 163.36 | 163.44 | 90.00 | -646.11 | -6,805.63 | 330.18 | 4.60 | 325.58 | 1.014 | Level 2 | |
| 12,000.00 | 6,840.00 | 11,970.57 | 6,840.00 | 166.01 | 166.09 | 90.00 | -645.64 | -6,905.63 | 330.17 | -0.72 | 330.89 | 0.998 | Level 1 | |
| 12,100.00 | 6,840.00 | 12,070.57 | 6,840.00 | 168.65 | 168.74 | 90.00 | -645.16 | -7,005.63 | 330.17 | -6.04 | 336.21 | 0.982 | Level 1 | |
| 12,200.00 | 6,840.00 | 12,170.57 | 6,840.00 | 171.30 | 171.40 | 90.00 | -644.69 | -7,105.63 | 330.16 | -11.37 | 341.53 | 0.967 | Level 1 | |
| 12,300.00 | 6,840.00 | 12,270.57 | 6,840.00 | 173.94 | 174.05 | 90.00 | -644.22 | -7,205.63 | 330.15 | -16.70 | 346.86 | 0.952 | Level 1 | |
| 12,400.00 | 6,840.00 | 12,370.57 | 6,840.00 | 176.59 | 176.71 | 90.00 | -643.75 | -7,305.63 | 330.15 | -22.04 | 352.19 | 0.937 | Level 1 | |
| 12,500.00 | 6,840.00 | 12,470.57 | 6,840.00 | 179.25 | 179.37 | 90.00 | -643.28 | -7,405.62 | 330.14 | -27.37 | 357.52 | 0.923 | Level 1 | |
| 12,600.00 | 6,840.00 | 12,570.57 | 6,840.00 | 181.90 | 182.04 | 90.00 | -642.81 | -7,505.62 | 330.14 | -32.72 | 362.85 | 0.910 | Level 1 | |
| 12,700.00 | 6,840.00 | 12,670.57 | 6,840.00 | 184.56 | 184.70 | 90.00 | -642.33 | -7,605.62 | 330.13 | -38.06 | 368.19 | 0.897 | Level 1 | |
| 12,800.00 | 6,840.00 | 12,770.57 | 6,840.00 | 187.22 | 187.37 | 90.00 | -641.86 | -7,705.62 | 330.13 | -43.41 | 373.53 | 0.884 | Level 1 | |
| 12,900.00 | 6,840.00 | 12,870.57 | 6,840.00 | 189.88 | 190.03 | 90.00 | -641.39 | -7,805.62 | 330.12 | -48.76 | 378.88 | 0.871 | Level 1 | |
| 13,000.00 | 6,840.00 | 12,970.57 | 6,840.00 | 192.54 | 192.70 | 90.00 | -640.92 | -7,905.62 | 330.11 | -54.11 | 384.23 | 0.859 | Level 1 | |
| 13,100.00 | 6,840.00 | 13,070.57 | 6,840.00 | 195.20 | 195.37 | 90.00 | -640.45 | -8,005.62 | 330.11 | -59.47 | 389.57 | 0.847 | Level 1 | |
| 13,200.00 | 6,840.00 | 13,170.57 | 6,840.00 | 197.87 | 198.04 | 90.00 | -639.98 | -8,105.62 | 330.10 | -64.82 | 394.93 | 0.836 | Level 1 | |
| 13,300.00 | 6,840.00 | 13,270.57 | 6,840.00 | 200.53 | 200.72 | 90.00 | -639.50 | -8,205.62 | 330.10 | -70.18 | 400.28 | 0.825 | Level 1 | |
| 13,400.00 | 6,840.00 | 13,370.57 | 6,840.00 | 203.20 | 203.39 | 90.00 | -639.03 | -8,305.61 | 330.09 | -75.55 | 405.64 | 0.814 | Level 1 | |
| 13,500.00 | 6,840.00 | 13,470.57 | 6,840.00 | 205.87 | 206.07 | 90.00 | -638.56 | -8,405.61 | 330.09 | -80.91 | 411.00 | 0.803 | Level 1 | |
| 13,600.00 | 6,840.00 | 13,570.57 | 6,840.00 | 208.54 | 208.74 | 90.00 | -638.09 | -8,505.61 | 330.08 | -86.28 | 416.36 | 0.793 | Level 1 | |
| 13,700.00 | 6,840.00 | 13,670.57 | 6,840.00 | 211.22 | 211.42 | 90.00 | -637.62 | -8,605.61 | 330.07 | -91.65 | 421.72 | 0.783 | Level 1 | |
| 13,800.00 | 6,840.00 | 13,770.57 | 6,840.00 | 213.89 | 214.10 | 90.00 | -637.15 | -8,705.61 | 330.07 | -97.02 | 427.08 | 0.773 | Level 1 | |
| 13,900.00 | 6,840.00 | 13,870.57 | 6,840.00 | 216.56 | 216.78 | 90.00 | -636.68 | -8,805.61 | 330.06 | -102.39 | 432.45 | 0.763 | Level 1 | |
| 14,000.00 | 6,840.00 | 13,970.57 | 6,840.00 | 219.24 | 219.46 | 90.00 | -636.20 | -8,905.61 | 330.06 | -107.76 | 437.82 | 0.754 | Level 1 | |
| 14,100.00 | 6,840.00 | 14,070.57 | 6,840.00 | 221.92 | 222.14 | 90.00 | -635.73 | -9,005.61 | 330.05 | -113.14 | 443.19 | 0.745 | Level 1 | |
| 14,200.00 | 6,840.00 | 14,170.57 | 6,840.00 | 224.59 | 224.82 | 90.00 | -635.26 | -9,105.61 | 330.05 | -118.52 | 448.56 | 0.736 | Level 1 | |
| 14,300.00 | 6,840.00 | 14,270.57 | 6,840.00 | 227.27 | 227.51 | 90.00 | -634.79 | -9,205.60 | 330.04 | -123.90 | 453.94 | 0.727 | Level 1 | |
| 14,400.00 | 6,840.00 | 14,370.57 | 6,840.00 | 229.95 | 230.19 | 90.00 | -634.32 | -9,305.60 | 330.03 | -129.28 | 459.31 | 0.719 | Level 1 | |
| 14,500.00 | 6,840.00 | 14,470.57 | 6,840.00 | 232.63 | 232.88 | 90.00 | -633.85 | -9,405.60 | 330.03 | -134.66 | 464.69 | 0.710 | Level 1 | |
| 14,600.00 | 6,840.00 | 14,570.57 | 6,840.00 | 235.31 | 235.56 | 90.00 | -633.37 | -9,505.60 | 330.02 | -140.04 | 470.07 | 0.702 | Level 1 | |
| 14,700.00 | 6,840.00 | 14,670.57 | 6,840.00 | 238.00 | 238.25 | 90.00 | -632.90 | -9,605.60 | 330.02 | -145.43 | 475.44 | 0.694 | Level 1 | |
| 14,800.00 | 6,840.00 | 14,770.57 | 6,840.00 | 240.68 | 240.94 | 90.00 | -632.43 | -9,705.60 | 330.01 | -150.81 | 480.83 | 0.686 | Level 1 | |
| 14,900.00 | 6,840.00 | 14,870.57 | 6,840.00 | 243.36 | 243.63 | 90.00 | -631.96 | -9,805.60 | 330.01 | -156.20 | 486.21 | 0.679 | Level 1 | |
| 15,000.00 | 6,840.00 | 14,970.57 | 6,840.00 | 246.05 | 246.32 | 90.00 | -631.49 | -9,905.60 | 330.00 | -161.59 | 491.59 | 0.671 | Level 1 | |
| 15,100.00 | 6,840.00 | 15,070.57 | 6,840.00 | 248.74 | 249.01 | 90.00 | -631.02 | -10,005.60 | 329.99 | -166.98 | 496.98 | 0.664 | Level 1 | |
| 15,200.00 | 6,840.00 | 15,170.57 | 6,840.00 | 251.42 | 251.70 | 90.00 | -630.54 | -10,105.59 | 329.99 | -172.37 | 502.36 | 0.657 | Level 1 | |
| 15,300.00 | 6,840.00 | 15,270.57 | 6,840.00 | 254.11 | 254.39 | 90.00 | -630.07 | -10,205.59 | 329.98 | -177.76 | 507.75 | 0.650 | Level 1 | |
| 15,400.00 | 6,840.00 | 15,370.57 | 6,840.00 | 256.80 | 257.08 | 90.00 | -629.60 | -10,305.59 | 329.98 | -183.16 | 513.14 | 0.643 | Level 1 | |
| 15,500.00 | 6,840.00 | 15,470.57 | 6,840.00 | 259.49 | 259.77 | 90.00 | -629.13 | -10,405.59 | 329.97 | -188.55 | 518.53 | 0.636 | Level 1 | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-12 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,600.00 | 6,840.00 | 15,570.57 | 6,840.00 | 262.17 | 262.46 | 90.00 | -628.66 | -10,505.59 | 329.97 | -193.95 | 523.92 | 0.630 | Level 1 | |
| 15,700.00 | 6,840.00 | 15,670.57 | 6,840.00 | 264.86 | 265.16 | 90.00 | -628.19 | -10,605.59 | 329.96 | -199.35 | 529.31 | 0.623 | Level 1 | |
| 15,800.00 | 6,840.00 | 15,770.57 | 6,840.00 | 267.55 | 267.85 | 90.00 | -627.71 | -10,705.59 | 329.95 | -204.74 | 534.70 | 0.617 | Level 1 | |
| 15,900.00 | 6,840.00 | 15,870.57 | 6,840.00 | 270.25 | 270.54 | 90.00 | -627.24 | -10,805.59 | 329.95 | -210.14 | 540.09 | 0.611 | Level 1 | |
| 16,000.00 | 6,840.00 | 15,970.57 | 6,840.00 | 272.94 | 273.24 | 90.00 | -626.77 | -10,905.59 | 329.94 | -215.54 | 545.49 | 0.605 | Level 1 | |
| 16,100.00 | 6,840.00 | 16,070.57 | 6,840.00 | 275.63 | 275.93 | 90.00 | -626.30 | -11,005.58 | 329.94 | -220.94 | 550.88 | 0.599 | Level 1 | |
| 16,200.00 | 6,840.00 | 16,170.57 | 6,840.00 | 278.32 | 278.63 | 90.00 | -625.83 | -11,105.58 | 329.93 | -226.34 | 556.28 | 0.593 | Level 1 | |
| 16,300.00 | 6,840.00 | 16,270.57 | 6,840.00 | 281.02 | 281.33 | 90.00 | -625.36 | -11,205.58 | 329.93 | -231.75 | 561.67 | 0.587 | Level 1 | |
| 16,400.00 | 6,840.00 | 16,370.57 | 6,840.00 | 283.71 | 284.02 | 90.00 | -624.88 | -11,305.58 | 329.92 | -237.15 | 567.07 | 0.582 | Level 1 | |
| 16,500.00 | 6,840.00 | 16,470.57 | 6,840.00 | 286.40 | 286.72 | 90.00 | -624.41 | -11,405.58 | 329.92 | -242.55 | 572.47 | 0.576 | Level 1 | |
| 16,600.00 | 6,840.00 | 16,570.57 | 6,840.00 | 289.10 | 289.42 | 90.00 | -623.94 | -11,505.58 | 329.91 | -247.96 | 577.87 | 0.571 | Level 1 | |
| 16,700.00 | 6,840.00 | 16,670.57 | 6,840.00 | 291.79 | 292.12 | 90.00 | -623.47 | -11,605.58 | 329.90 | -253.36 | 583.27 | 0.566 | Level 1 | |
| 16,800.00 | 6,840.00 | 16,770.57 | 6,840.00 | 294.49 | 294.81 | 90.00 | -623.00 | -11,705.58 | 329.90 | -258.77 | 588.67 | 0.560 | Level 1 | |
| 16,900.00 | 6,840.00 | 16,870.57 | 6,840.00 | 297.19 | 297.51 | 90.00 | -622.53 | -11,805.58 | 329.89 | -264.18 | 594.07 | 0.555 | Level 1 | |
| 17,000.00 | 6,840.00 | 16,970.57 | 6,840.00 | 299.88 | 300.21 | 90.00 | -622.05 | -11,905.57 | 329.89 | -269.59 | 599.47 | 0.550 | Level 1 | |
| 17,100.00 | 6,840.00 | 17,070.57 | 6,840.00 | 302.58 | 302.91 | 90.00 | -621.58 | -12,005.57 | 329.88 | -274.99 | 604.87 | 0.545 | Level 1 | |
| 17,200.00 | 6,840.00 | 17,170.57 | 6,840.00 | 305.28 | 305.61 | 90.00 | -621.11 | -12,105.57 | 329.88 | -280.40 | 610.28 | 0.541 | Level 1 | |
| 17,300.00 | 6,840.00 | 17,270.57 | 6,840.00 | 307.97 | 308.31 | 90.00 | -620.64 | -12,205.57 | 329.87 | -285.81 | 615.68 | 0.536 | Level 1 | |
| 17,400.00 | 6,840.00 | 17,370.57 | 6,840.00 | 310.67 | 311.01 | 90.00 | -620.17 | -12,305.57 | 329.86 | -291.22 | 621.09 | 0.531 | Level 1 | |
| 17,500.00 | 6,840.00 | 17,470.57 | 6,840.00 | 313.37 | 313.71 | 90.00 | -619.70 | -12,405.57 | 329.86 | -296.63 | 626.49 | 0.527 | Level 1 | |
| 17,600.00 | 6,840.00 | 17,570.57 | 6,840.00 | 316.07 | 316.42 | 90.00 | -619.22 | -12,505.57 | 329.85 | -302.05 | 631.90 | 0.522 | Level 1 | |
| 17,700.00 | 6,840.00 | 17,670.57 | 6,840.00 | 318.77 | 319.12 | 90.00 | -618.75 | -12,605.57 | 329.85 | -307.46 | 637.30 | 0.518 | Level 1 | |
| 17,800.00 | 6,840.00 | 17,770.57 | 6,840.00 | 321.47 | 321.82 | 90.00 | -618.28 | -12,705.57 | 329.84 | -312.87 | 642.71 | 0.513 | Level 1 | |
| 17,900.00 | 6,840.00 | 17,870.57 | 6,840.00 | 324.17 | 324.52 | 90.00 | -617.81 | -12,805.56 | 329.84 | -318.28 | 648.12 | 0.509 | Level 1 | |
| 18,000.00 | 6,840.00 | 17,970.57 | 6,840.00 | 326.87 | 327.22 | 90.00 | -617.34 | -12,905.56 | 329.83 | -323.70 | 653.53 | 0.505 | Level 1 | |
| 18,100.00 | 6,840.00 | 18,070.57 | 6,840.00 | 329.57 | 329.93 | 90.00 | -616.87 | -13,005.56 | 329.82 | -329.11 | 658.93 | 0.501 | Level 1 | |
| 18,200.00 | 6,840.00 | 18,170.57 | 6,840.00 | 332.27 | 332.63 | 90.00 | -616.39 | -13,105.56 | 329.82 | -334.53 | 664.34 | 0.496 | Level 1 | |
| 18,300.00 | 6,840.00 | 18,270.57 | 6,840.00 | 334.97 | 335.33 | 90.00 | -615.92 | -13,205.56 | 329.81 | -339.94 | 669.75 | 0.492 | Level 1 | |
| 18,400.00 | 6,840.00 | 18,370.57 | 6,840.00 | 337.67 | 338.04 | 90.00 | -615.45 | -13,305.56 | 329.81 | -345.36 | 675.16 | 0.488 | Level 1 | |
| 18,500.00 | 6,840.00 | 18,470.57 | 6,840.00 | 340.38 | 340.74 | 90.00 | -614.98 | -13,405.56 | 329.80 | -350.77 | 680.57 | 0.485 | Level 1 | |
| 18,600.00 | 6,840.00 | 18,570.57 | 6,840.00 | 343.08 | 343.44 | 90.00 | -614.51 | -13,505.56 | 329.80 | -356.19 | 685.98 | 0.481 | Level 1 | |
| 18,700.00 | 6,840.00 | 18,670.57 | 6,840.00 | 345.78 | 346.15 | 90.00 | -614.04 | -13,605.56 | 329.79 | -361.61 | 691.40 | 0.477 | Level 1 | |
| 18,800.00 | 6,840.00 | 18,770.57 | 6,840.00 | 348.48 | 348.85 | 90.00 | -613.56 | -13,705.55 | 329.78 | -367.02 | 696.81 | 0.473 | Level 1 | |
| 18,900.00 | 6,840.00 | 18,870.57 | 6,840.00 | 351.19 | 351.56 | 90.00 | -613.09 | -13,805.55 | 329.78 | -372.44 | 702.22 | 0.470 | Level 1 | |
| 19,000.00 | 6,840.00 | 18,970.57 | 6,840.00 | 353.89 | 354.26 | 90.00 | -612.62 | -13,905.55 | 329.77 | -377.86 | 707.63 | 0.466 | Level 1 | |
| 19,100.00 | 6,840.00 | 19,070.57 | 6,840.00 | 356.59 | 356.97 | 90.00 | -612.15 | -14,005.55 | 329.77 | -383.28 | 713.05 | 0.462 | Level 1 | |
| 19,200.00 | 6,840.00 | 19,170.57 | 6,840.00 | 359.30 | 359.67 | 90.00 | -611.68 | -14,105.55 | 329.76 | -388.70 | 718.46 | 0.459 | Level 1 | |
| 19,300.00 | 6,840.00 | 19,270.57 | 6,840.00 | 362.00 | 362.38 | 90.00 | -611.21 | -14,205.55 | 329.76 | -394.12 | 723.87 | 0.456 | Level 1 | |
| 19,400.00 | 6,840.00 | 19,370.57 | 6,840.00 | 364.71 | 365.09 | 90.00 | -610.73 | -14,305.55 | 329.75 | -399.54 | 729.29 | 0.452 | Level 1 | |
| 19,500.00 | 6,840.00 | 19,470.57 | 6,840.00 | 367.41 | 367.79 | 90.00 | -610.26 | -14,405.55 | 329.74 | -404.96 | 734.70 | 0.449 | Level 1 | |
| 19,600.00 | 6,840.00 | 19,570.57 | 6,840.00 | 370.11 | 370.50 | 90.00 | -609.79 | -14,505.55 | 329.74 | -410.38 | 740.12 | 0.446 | Level 1 | |
| 19,700.00 | 6,840.00 | 19,670.57 | 6,840.00 | 372.82 | 373.21 | 90.00 | -609.32 | -14,605.54 | 329.73 | -415.80 | 745.53 | 0.442 | Level 1 | |
| 19,800.00 | 6,840.00 | 19,770.57 | 6,840.00 | 375.53 | 375.91 | 90.00 | -608.85 | -14,705.54 | 329.73 | -421.22 | 750.95 | 0.439 | Level 1 | |
| 19,900.00 | 6,840.00 | 19,870.57 | 6,840.00 | 378.23 | 378.62 | 90.00 | -608.38 | -14,805.54 | 329.72 | -426.64 | 756.36 | 0.436 | Level 1 | |
| 20,000.00 | 6,840.00 | 19,970.57 | 6,840.00 | 380.94 | 381.33 | 90.00 | -607.90 | -14,905.54 | 329.72 | -432.07 | 761.78 | 0.433 | Level 1 | |
| 20,100.00 | 6,840.00 | 20,070.57 | 6,840.00 | 383.64 | 384.03 | 90.00 | -607.43 | -15,005.54 | 329.71 | -437.49 | 767.20 | 0.430 | Level 1 | |
| 20,200.00 | 6,840.00 | 20,170.57 | 6,840.00 | 386.35 | 386.74 | 90.00 | -606.96 | -15,105.54 | 329.70 | -442.91 | 772.61 | 0.427 | Level 1 | |
| 20,300.00 | 6,840.00 | 20,270.57 | 6,840.00 | 389.05 | 389.45 | 90.00 | -606.49 | -15,205.54 | 329.70 | -448.33 | 778.03 | 0.424 | Level 1 | |
| 20,400.00 | 6,840.00 | 20,370.57 | 6,840.00 | 391.76 | 392.16 | 90.00 | -606.02 | -15,305.54 | 329.69 | -453.76 | 783.45 | 0.421 | Level 1 | |
| 20,442.82 | 6,840.00 | 20,413.39 | 6,840.00 | 392.92 | 393.32 | 90.00 | -605.82 | -15,348.35 | 329.69 | -456.08 | 785.77 | 0.420 | Level 1, ES, SF | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-14 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 180.00 | -21.86 | 0.00 | 21.86 | | | | | |
| 100.00 | 100.00 | 100.00 | 100.00 | 0.13 | 0.13 | 180.00 | -21.86 | 0.00 | 21.86 | 21.59 | 0.27 | 81.302 | | |
| 200.00 | 200.00 | 200.00 | 200.00 | 0.49 | 0.49 | 180.00 | -21.86 | 0.00 | 21.86 | 20.87 | 0.99 | 22.173 | | |
| 300.00 | 300.00 | 300.00 | 300.00 | 0.85 | 0.85 | 180.00 | -21.86 | 0.00 | 21.86 | 20.16 | 1.70 | 12.837 | | |
| 400.00 | 400.00 | 400.00 | 400.00 | 1.21 | 1.21 | 180.00 | -21.86 | 0.00 | 21.86 | 19.44 | 2.42 | 9.034 CC | | |
| 500.00 | 500.00 | 499.55 | 499.53 | 1.57 | 1.56 | -176.33 | -22.78 | -1.46 | 22.83 | 19.71 | 3.12 | 7.311 | | |
| 600.00 | 599.98 | 598.97 | 598.81 | 1.92 | 1.90 | -54.39 | -25.55 | -5.84 | 25.18 | 21.37 | 3.81 | 6.609 | | |
| 700.00 | 699.84 | 698.26 | 697.72 | 2.26 | 2.25 | -49.92 | -30.16 | -13.11 | 28.04 | 23.54 | 4.50 | 6.233 | | |
| 800.00 | 799.45 | 797.43 | 796.15 | 2.62 | 2.63 | -46.84 | -36.58 | -23.26 | 31.29 | 26.09 | 5.20 | 6.016 | | |
| 900.00 | 898.70 | 896.47 | 893.99 | 2.99 | 3.03 | -44.86 | -44.81 | -36.26 | 34.85 | 28.93 | 5.92 | 5.887 | | |
| 1,000.00 | 997.47 | 995.39 | 991.12 | 3.39 | 3.45 | -43.71 | -54.83 | -52.09 | 38.67 | 32.01 | 6.66 | 5.807 | | |
| 1,100.00 | 1,095.62 | 1,094.19 | 1,087.42 | 3.81 | 3.91 | -43.20 | -66.62 | -70.72 | 42.71 | 35.29 | 7.42 | 5.753 | | |
| 1,200.00 | 1,193.06 | 1,192.87 | 1,182.78 | 4.27 | 4.41 | -43.15 | -80.17 | -92.11 | 46.97 | 38.75 | 8.22 | 5.712 | | |
| 1,300.00 | 1,289.64 | 1,291.41 | 1,277.10 | 4.77 | 4.95 | -43.45 | -95.44 | -116.24 | 51.44 | 42.37 | 9.07 | 5.672 | | |
| 1,400.00 | 1,385.27 | 1,389.84 | 1,370.26 | 5.31 | 5.54 | -44.02 | -112.42 | -143.06 | 56.12 | 46.15 | 9.97 | 5.628 | | |
| 1,500.00 | 1,479.82 | 1,488.14 | 1,462.16 | 5.91 | 6.18 | -44.79 | -131.07 | -172.52 | 61.01 | 50.07 | 10.94 | 5.576 | | |
| 1,600.00 | 1,573.19 | 1,587.30 | 1,553.82 | 6.55 | 6.87 | -45.99 | -151.30 | -204.49 | 65.74 | 53.71 | 12.03 | 5.464 | | |
| 1,700.00 | 1,666.16 | 1,687.19 | 1,646.04 | 7.23 | 7.59 | -47.60 | -171.84 | -236.93 | 69.95 | 56.73 | 13.22 | 5.290 | | |
| 1,800.00 | 1,759.13 | 1,787.09 | 1,738.26 | 7.93 | 8.32 | -49.02 | -192.38 | -269.38 | 74.22 | 59.76 | 14.46 | 5.133 | | |
| 1,900.00 | 1,852.10 | 1,886.98 | 1,830.48 | 8.64 | 9.06 | -50.29 | -212.92 | -301.82 | 78.53 | 62.80 | 15.73 | 4.993 | | |
| 2,000.00 | 1,945.06 | 1,986.87 | 1,922.69 | 9.35 | 9.81 | -51.43 | -233.46 | -334.27 | 82.87 | 65.84 | 17.03 | 4.867 | | |
| 2,100.00 | 2,038.03 | 2,086.77 | 2,014.91 | 10.08 | 10.57 | -52.45 | -253.99 | -366.71 | 87.24 | 68.89 | 18.35 | 4.755 | | |
| 2,200.00 | 2,131.00 | 2,186.66 | 2,107.13 | 10.81 | 11.33 | -53.38 | -274.53 | -399.16 | 91.63 | 71.95 | 19.69 | 4.654 | | |
| 2,300.00 | 2,223.97 | 2,286.55 | 2,199.35 | 11.54 | 12.09 | -54.22 | -295.07 | -431.60 | 96.05 | 75.01 | 21.04 | 4.564 | | |
| 2,400.00 | 2,316.94 | 2,386.44 | 2,291.56 | 12.28 | 12.86 | -54.98 | -315.61 | -464.05 | 100.49 | 78.07 | 22.41 | 4.483 | | |
| 2,500.00 | 2,409.90 | 2,486.34 | 2,383.78 | 13.02 | 13.62 | -55.69 | -336.15 | -496.49 | 104.94 | 81.15 | 23.80 | 4.410 | | |
| 2,600.00 | 2,502.87 | 2,586.23 | 2,476.00 | 13.77 | 14.40 | -56.33 | -356.69 | -528.94 | 109.41 | 84.22 | 25.19 | 4.344 | | |
| 2,700.00 | 2,595.84 | 2,686.12 | 2,568.22 | 14.51 | 15.17 | -56.92 | -377.22 | -561.38 | 113.89 | 87.30 | 26.59 | 4.284 | | |
| 2,800.00 | 2,688.81 | 2,786.02 | 2,660.43 | 15.26 | 15.94 | -57.47 | -397.76 | -593.83 | 118.38 | 90.38 | 27.99 | 4.229 | | |
| 2,900.00 | 2,781.77 | 2,885.91 | 2,752.65 | 16.01 | 16.72 | -57.98 | -418.30 | -626.27 | 122.88 | 93.47 | 29.41 | 4.178 | | |
| 3,000.00 | 2,874.74 | 2,985.80 | 2,844.87 | 16.76 | 17.50 | -58.45 | -438.84 | -658.72 | 127.39 | 96.56 | 30.83 | 4.132 | | |
| 3,100.00 | 2,967.71 | 3,085.69 | 2,937.09 | 17.52 | 18.27 | -58.89 | -459.38 | -691.16 | 131.91 | 99.66 | 32.25 | 4.090 | | |
| 3,200.00 | 3,060.68 | 3,185.59 | 3,029.30 | 18.27 | 19.05 | -59.30 | -479.92 | -723.61 | 136.43 | 102.76 | 33.68 | 4.051 | | |
| 3,300.00 | 3,153.65 | 3,285.48 | 3,121.52 | 19.03 | 19.83 | -59.69 | -500.45 | -756.05 | 140.97 | 105.86 | 35.11 | 4.015 | | |
| 3,400.00 | 3,246.61 | 3,385.37 | 3,213.74 | 19.78 | 20.61 | -60.05 | -520.99 | -788.50 | 145.50 | 108.96 | 36.55 | 3.981 | | |
| 3,500.00 | 3,339.58 | 3,485.27 | 3,305.96 | 20.54 | 21.39 | -60.39 | -541.53 | -820.94 | 150.05 | 112.06 | 37.98 | 3.950 | | |
| 3,600.00 | 3,432.55 | 3,585.16 | 3,398.18 | 21.30 | 22.17 | -60.71 | -562.07 | -853.39 | 154.60 | 115.17 | 39.42 | 3.921 | | |
| 3,700.00 | 3,525.52 | 3,685.05 | 3,490.39 | 22.06 | 22.96 | -61.01 | -582.61 | -885.83 | 159.15 | 118.28 | 40.87 | 3.894 | | |
| 3,800.00 | 3,618.49 | 3,784.94 | 3,582.61 | 22.82 | 23.74 | -61.29 | -603.15 | -918.28 | 163.71 | 121.39 | 42.31 | 3.869 | | |
| 3,900.00 | 3,711.45 | 3,884.84 | 3,674.83 | 23.57 | 24.52 | -61.56 | -623.69 | -950.72 | 168.27 | 124.51 | 43.76 | 3.845 | | |
| 4,000.00 | 3,804.42 | 3,984.73 | 3,767.05 | 24.33 | 25.31 | -61.81 | -644.22 | -983.17 | 172.83 | 127.62 | 45.21 | 3.823 | | |
| 4,100.00 | 3,897.39 | 4,084.62 | 3,859.26 | 25.09 | 26.09 | -62.06 | -664.76 | -1,015.61 | 177.40 | 130.74 | 46.66 | 3.802 | | |
| 4,200.00 | 3,990.36 | 4,184.52 | 3,951.48 | 25.86 | 26.87 | -62.29 | -685.30 | -1,048.06 | 181.97 | 133.86 | 48.11 | 3.782 | | |
| 4,300.00 | 4,083.32 | 4,284.41 | 4,043.70 | 26.62 | 27.66 | -62.50 | -705.84 | -1,080.50 | 186.54 | 136.98 | 49.56 | 3.764 | | |
| 4,400.00 | 4,176.29 | 4,384.30 | 4,135.92 | 27.38 | 28.44 | -62.71 | -726.38 | -1,112.95 | 191.12 | 140.10 | 51.02 | 3.746 | | |
| 4,500.00 | 4,269.26 | 4,484.20 | 4,228.13 | 28.14 | 29.23 | -62.91 | -746.92 | -1,145.39 | 195.70 | 143.22 | 52.47 | 3.730 | | |
| 4,600.00 | 4,362.23 | 4,584.09 | 4,320.35 | 28.90 | 30.01 | -63.10 | -767.45 | -1,177.84 | 200.28 | 146.35 | 53.93 | 3.714 | | |
| 4,700.00 | 4,455.20 | 4,683.98 | 4,412.57 | 29.66 | 30.80 | -63.28 | -787.99 | -1,210.28 | 204.86 | 149.47 | 55.38 | 3.699 | | |
| 4,800.00 | 4,548.16 | 4,783.87 | 4,504.79 | 30.43 | 31.58 | -63.45 | -808.53 | -1,242.73 | 209.44 | 152.60 | 56.84 | 3.685 | | |
| 4,900.00 | 4,641.13 | 4,883.77 | 4,597.00 | 31.19 | 32.37 | -63.62 | -829.07 | -1,275.17 | 214.03 | 155.73 | 58.30 | 3.671 | | |
| 5,000.00 | 4,734.10 | 4,983.66 | 4,689.22 | 31.95 | 33.15 | -63.77 | -849.61 | -1,307.62 | 218.62 | 158.86 | 59.76 | 3.658 | | |
| 5,100.00 | 4,827.07 | 5,083.55 | 4,781.44 | 32.71 | 33.94 | -63.92 | -870.15 | -1,340.06 | 223.21 | 161.98 | 61.22 | 3.646 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-14 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 5,183.45 | 4,873.66 | 33.48 | 34.73 | -64.07 | -890.68 | -1,372.51 | 227.80 | 165.11 | 62.68 | 3.634 | | |
| 5,300.00 | 5,013.00 | 5,283.34 | 4,965.87 | 34.24 | 35.51 | -64.21 | -911.22 | -1,404.95 | 232.39 | 168.25 | 64.14 | 3.623 | | |
| 5,400.00 | 5,105.97 | 5,383.23 | 5,058.09 | 35.00 | 36.30 | -64.34 | -931.76 | -1,437.40 | 236.98 | 171.38 | 65.61 | 3.612 | | |
| 5,500.00 | 5,198.94 | 5,483.12 | 5,150.31 | 35.77 | 37.09 | -64.47 | -952.30 | -1,469.84 | 241.58 | 174.51 | 67.07 | 3.602 | | |
| 5,600.00 | 5,291.91 | 5,583.02 | 5,242.53 | 36.53 | 37.87 | -64.60 | -972.84 | -1,502.29 | 246.17 | 177.64 | 68.53 | 3.592 | | |
| 5,700.00 | 5,384.87 | 5,682.91 | 5,334.75 | 37.29 | 38.66 | -64.72 | -993.38 | -1,534.73 | 250.77 | 180.78 | 69.99 | 3.583 | | |
| 5,800.00 | 5,477.84 | 5,782.80 | 5,426.96 | 38.06 | 39.45 | -64.83 | -1,013.91 | -1,567.18 | 255.37 | 183.91 | 71.46 | 3.574 | | |
| 5,900.00 | 5,570.81 | 5,882.70 | 5,519.18 | 38.82 | 40.23 | -64.94 | -1,034.45 | -1,599.62 | 259.97 | 187.05 | 72.92 | 3.565 | | |
| 6,000.00 | 5,663.78 | 5,982.59 | 5,611.40 | 39.59 | 41.02 | -65.05 | -1,054.99 | -1,632.07 | 264.57 | 190.18 | 74.39 | 3.557 | | |
| 6,100.00 | 5,756.75 | 6,082.48 | 5,703.62 | 40.35 | 41.81 | -65.16 | -1,075.53 | -1,664.51 | 269.17 | 193.32 | 75.85 | 3.549 | | |
| 6,200.00 | 5,849.71 | 6,182.38 | 5,795.83 | 41.12 | 42.59 | -65.26 | -1,096.07 | -1,696.96 | 273.77 | 196.45 | 77.32 | 3.541 | | |
| 6,300.00 | 5,942.68 | 6,282.27 | 5,888.05 | 41.88 | 43.38 | -65.35 | -1,116.61 | -1,729.40 | 278.37 | 199.59 | 78.78 | 3.533 | | |
| 6,400.00 | 6,035.65 | 6,382.16 | 5,980.27 | 42.64 | 44.17 | -65.45 | -1,137.14 | -1,761.85 | 282.98 | 202.73 | 80.25 | 3.526 | | |
| 6,500.00 | 6,128.62 | 6,482.05 | 6,072.49 | 43.41 | 44.95 | -65.54 | -1,157.68 | -1,794.29 | 287.58 | 205.87 | 81.72 | 3.519 | | |
| 6,600.00 | 6,221.59 | 6,581.95 | 6,164.70 | 44.17 | 45.74 | -65.63 | -1,178.22 | -1,826.74 | 292.19 | 209.01 | 83.18 | 3.513 | | |
| 6,700.00 | 6,314.55 | 6,681.84 | 6,256.92 | 44.94 | 46.53 | -65.71 | -1,198.76 | -1,859.18 | 296.79 | 212.14 | 84.65 | 3.506 | | |
| 6,800.00 | 6,407.52 | 6,781.73 | 6,349.14 | 45.70 | 47.32 | -65.79 | -1,219.30 | -1,891.63 | 301.40 | 215.28 | 86.12 | 3.500 | | |
| 6,900.00 | 6,499.98 | 6,881.58 | 6,441.31 | 46.49 | 48.10 | -70.06 | -1,239.83 | -1,924.06 | 306.10 | 218.37 | 87.73 | 3.489 | | |
| 7,000.00 | 6,586.50 | 6,985.48 | 6,535.15 | 47.49 | 49.01 | -77.70 | -1,260.70 | -1,963.19 | 311.45 | 221.00 | 90.45 | 3.443 | | |
| 7,100.00 | 6,663.58 | 7,092.76 | 6,623.39 | 48.75 | 50.20 | -82.47 | -1,280.22 | -2,020.70 | 316.62 | 223.12 | 93.50 | 3.386 | | |
| 7,200.00 | 6,728.87 | 7,202.26 | 6,701.09 | 50.23 | 51.68 | -85.65 | -1,297.30 | -2,095.69 | 321.26 | 224.57 | 96.69 | 3.323 | | |
| 7,300.00 | 6,780.38 | 7,313.70 | 6,764.45 | 51.91 | 53.43 | -87.81 | -1,311.09 | -2,186.11 | 325.10 | 225.21 | 99.89 | 3.255 | | |
| 7,400.00 | 6,816.56 | 7,426.68 | 6,810.07 | 53.74 | 55.38 | -89.18 | -1,320.83 | -2,288.82 | 327.88 | 224.87 | 103.01 | 3.183 | | |
| 7,500.00 | 6,836.29 | 7,540.67 | 6,835.30 | 55.65 | 57.45 | -89.88 | -1,325.97 | -2,399.67 | 329.42 | 223.41 | 106.01 | 3.107 | | |
| 7,600.00 | 6,840.00 | 7,650.02 | 6,840.00 | 57.58 | 59.47 | -90.00 | -1,326.50 | -2,508.81 | 329.70 | 220.36 | 109.33 | 3.015 | | |
| 7,700.00 | 6,840.00 | 7,750.02 | 6,840.00 | 59.56 | 61.36 | -90.00 | -1,326.02 | -2,608.81 | 329.70 | 216.17 | 113.52 | 2.904 | | |
| 7,800.00 | 6,840.00 | 7,850.02 | 6,840.00 | 61.60 | 63.31 | -90.00 | -1,325.54 | -2,708.81 | 329.70 | 211.89 | 117.81 | 2.799 | | |
| 7,900.00 | 6,840.00 | 7,950.02 | 6,840.00 | 63.69 | 65.32 | -90.00 | -1,325.07 | -2,808.81 | 329.70 | 207.51 | 122.19 | 2.698 | | |
| 8,000.00 | 6,840.00 | 8,050.02 | 6,840.00 | 65.82 | 67.37 | -90.00 | -1,324.59 | -2,908.81 | 329.70 | 203.05 | 126.65 | 2.603 | | |
| 8,100.00 | 6,840.00 | 8,150.02 | 6,840.00 | 67.99 | 69.47 | -90.00 | -1,324.11 | -3,008.81 | 329.69 | 198.51 | 131.18 | 2.513 | | |
| 8,200.00 | 6,840.00 | 8,250.02 | 6,840.00 | 70.21 | 71.61 | -90.00 | -1,323.64 | -3,108.80 | 329.69 | 193.91 | 135.79 | 2.428 | | |
| 8,300.00 | 6,840.00 | 8,350.02 | 6,840.00 | 72.45 | 73.79 | -90.00 | -1,323.16 | -3,208.80 | 329.69 | 189.25 | 140.45 | 2.347 | | |
| 8,400.00 | 6,840.00 | 8,450.02 | 6,840.00 | 74.73 | 76.00 | -90.00 | -1,322.68 | -3,308.80 | 329.69 | 184.53 | 145.16 | 2.271 | | |
| 8,500.00 | 6,840.00 | 8,550.02 | 6,840.00 | 77.04 | 78.25 | -90.00 | -1,322.20 | -3,408.80 | 329.69 | 179.77 | 149.93 | 2.199 | | |
| 8,600.00 | 6,840.00 | 8,650.02 | 6,840.00 | 79.38 | 80.53 | -90.00 | -1,321.73 | -3,508.80 | 329.69 | 174.96 | 154.74 | 2.131 | | |
| 8,700.00 | 6,840.00 | 8,750.02 | 6,840.00 | 81.74 | 82.83 | -90.00 | -1,321.25 | -3,608.80 | 329.69 | 170.11 | 159.59 | 2.066 | | |
| 8,800.00 | 6,840.00 | 8,850.02 | 6,840.00 | 84.12 | 85.16 | -90.00 | -1,320.77 | -3,708.80 | 329.69 | 165.22 | 164.48 | 2.005 | | |
| 8,900.00 | 6,840.00 | 8,950.02 | 6,840.00 | 86.52 | 87.51 | -90.00 | -1,320.29 | -3,808.80 | 329.69 | 160.30 | 169.40 | 1.946 | | |
| 9,000.00 | 6,840.00 | 9,050.02 | 6,840.00 | 88.94 | 89.89 | -90.00 | -1,319.82 | -3,908.80 | 329.69 | 155.35 | 174.35 | 1.891 | | |
| 9,100.00 | 6,840.00 | 9,150.02 | 6,840.00 | 91.38 | 92.28 | -90.00 | -1,319.34 | -4,008.79 | 329.69 | 150.37 | 179.33 | 1.839 | | |
| 9,200.00 | 6,840.00 | 9,250.02 | 6,840.00 | 93.83 | 94.69 | -90.00 | -1,318.86 | -4,108.79 | 329.69 | 145.36 | 184.33 | 1.789 | | |
| 9,300.00 | 6,840.00 | 9,350.02 | 6,840.00 | 96.30 | 97.12 | -90.00 | -1,318.38 | -4,208.79 | 329.69 | 140.33 | 189.36 | 1.741 | | |
| 9,400.00 | 6,840.00 | 9,450.02 | 6,840.00 | 98.79 | 99.57 | -90.00 | -1,317.91 | -4,308.79 | 329.69 | 135.28 | 194.41 | 1.696 | | |
| 9,500.00 | 6,840.00 | 9,550.02 | 6,840.00 | 101.28 | 102.03 | -90.00 | -1,317.43 | -4,408.79 | 329.69 | 130.21 | 199.49 | 1.653 | | |
| 9,600.00 | 6,840.00 | 9,650.02 | 6,840.00 | 103.79 | 104.50 | -90.00 | -1,316.95 | -4,508.79 | 329.69 | 125.12 | 204.58 | 1.612 | | |
| 9,700.00 | 6,840.00 | 9,750.02 | 6,840.00 | 106.30 | 106.99 | -90.00 | -1,316.47 | -4,608.79 | 329.69 | 120.01 | 209.69 | 1.572 | | |
| 9,800.00 | 6,840.00 | 9,850.02 | 6,840.00 | 108.83 | 109.48 | -90.00 | -1,316.00 | -4,708.79 | 329.69 | 114.88 | 214.81 | 1.535 | | |
| 9,900.00 | 6,840.00 | 9,950.02 | 6,840.00 | 111.37 | 111.99 | -90.00 | -1,315.52 | -4,808.79 | 329.69 | 109.74 | 219.95 | 1.499 Level 3 | | |
| 10,000.00 | 6,840.00 | 10,050.02 | 6,840.00 | 113.91 | 114.51 | -90.00 | -1,315.04 | -4,908.78 | 329.69 | 104.59 | 225.11 | 1.465 Level 3 | | |
| 10,100.00 | 6,840.00 | 10,150.02 | 6,840.00 | 116.47 | 117.04 | -90.00 | -1,314.56 | -5,008.78 | 329.69 | 99.42 | 230.27 | 1.432 Level 3 | | |
| 10,200.00 | 6,840.00 | 10,250.02 | 6,840.00 | 119.03 | 119.57 | -90.00 | -1,314.09 | -5,108.78 | 329.69 | 94.24 | 235.45 | 1.400 Level 3 | | |
| 10,300.00 | 6,840.00 | 10,350.02 | 6,840.00 | 121.59 | 122.12 | -90.00 | -1,313.61 | -5,208.78 | 329.69 | 89.05 | 240.64 | 1.370 Level 3 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-14 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 10,450.02 | 6,840.00 | 124.17 | 124.67 | -90.00 | -1,313.13 | -5,308.78 | 329.69 | 83.85 | 245.84 | 1.341 | Level 3 | |
| 10,500.00 | 6,840.00 | 10,550.02 | 6,840.00 | 126.75 | 127.23 | -90.00 | -1,312.66 | -5,408.78 | 329.69 | 78.64 | 251.06 | 1.313 | Level 3 | |
| 10,600.00 | 6,840.00 | 10,650.02 | 6,840.00 | 129.34 | 129.79 | -90.00 | -1,312.18 | -5,508.78 | 329.69 | 73.42 | 256.28 | 1.286 | Level 3 | |
| 10,700.00 | 6,840.00 | 10,750.02 | 6,840.00 | 131.93 | 132.36 | -90.00 | -1,311.70 | -5,608.78 | 329.69 | 68.19 | 261.51 | 1.261 | Level 3 | |
| 10,800.00 | 6,840.00 | 10,850.02 | 6,840.00 | 134.53 | 134.94 | -90.00 | -1,311.22 | -5,708.77 | 329.69 | 62.95 | 266.75 | 1.236 | Level 2 | |
| 10,900.00 | 6,840.00 | 10,950.02 | 6,840.00 | 137.13 | 137.53 | -90.00 | -1,310.75 | -5,808.77 | 329.69 | 57.70 | 271.99 | 1.212 | Level 2 | |
| 11,000.00 | 6,840.00 | 11,050.02 | 6,840.00 | 139.73 | 140.12 | -90.00 | -1,310.27 | -5,908.77 | 329.69 | 52.45 | 277.25 | 1.189 | Level 2 | |
| 11,100.00 | 6,840.00 | 11,150.02 | 6,840.00 | 142.35 | 142.71 | -90.00 | -1,309.79 | -6,008.77 | 329.69 | 47.19 | 282.51 | 1.167 | Level 2 | |
| 11,200.00 | 6,840.00 | 11,250.02 | 6,840.00 | 144.96 | 145.31 | -90.00 | -1,309.31 | -6,108.77 | 329.69 | 41.92 | 287.78 | 1.146 | Level 2 | |
| 11,300.00 | 6,840.00 | 11,350.02 | 6,840.00 | 147.58 | 147.91 | -90.00 | -1,308.84 | -6,208.77 | 329.69 | 36.64 | 293.05 | 1.125 | Level 2 | |
| 11,400.00 | 6,840.00 | 11,450.02 | 6,840.00 | 150.20 | 150.52 | -90.00 | -1,308.36 | -6,308.77 | 329.69 | 31.36 | 298.33 | 1.105 | Level 2 | |
| 11,500.00 | 6,840.00 | 11,550.02 | 6,840.00 | 152.83 | 153.13 | -90.00 | -1,307.88 | -6,408.77 | 329.69 | 26.08 | 303.61 | 1.086 | Level 2 | |
| 11,600.00 | 6,840.00 | 11,650.02 | 6,840.00 | 155.46 | 155.75 | -90.00 | -1,307.40 | -6,508.77 | 329.69 | 20.79 | 308.91 | 1.067 | Level 2 | |
| 11,700.00 | 6,840.00 | 11,750.02 | 6,840.00 | 158.09 | 158.37 | -90.00 | -1,306.93 | -6,608.76 | 329.69 | 15.49 | 314.20 | 1.049 | Level 2 | |
| 11,800.00 | 6,840.00 | 11,850.02 | 6,840.00 | 160.73 | 160.99 | -90.00 | -1,306.45 | -6,708.76 | 329.69 | 10.19 | 319.50 | 1.032 | Level 2 | |
| 11,900.00 | 6,840.00 | 11,950.02 | 6,840.00 | 163.36 | 163.61 | -90.00 | -1,305.97 | -6,808.76 | 329.69 | 4.89 | 324.81 | 1.015 | Level 2 | |
| 12,000.00 | 6,840.00 | 12,050.02 | 6,840.00 | 166.01 | 166.24 | -90.00 | -1,305.49 | -6,908.76 | 329.69 | -0.42 | 330.12 | 0.999 | Level 1 | |
| 12,100.00 | 6,840.00 | 12,150.02 | 6,840.00 | 168.65 | 168.88 | -90.00 | -1,305.02 | -7,008.76 | 329.69 | -5.74 | 335.43 | 0.983 | Level 1 | |
| 12,200.00 | 6,840.00 | 12,250.02 | 6,840.00 | 171.30 | 171.51 | -90.00 | -1,304.54 | -7,108.76 | 329.69 | -11.06 | 340.75 | 0.968 | Level 1 | |
| 12,300.00 | 6,840.00 | 12,350.02 | 6,840.00 | 173.94 | 174.15 | -90.00 | -1,304.06 | -7,208.76 | 329.69 | -16.38 | 346.07 | 0.953 | Level 1 | |
| 12,400.00 | 6,840.00 | 12,450.02 | 6,840.00 | 176.59 | 176.79 | -90.00 | -1,303.58 | -7,308.76 | 329.69 | -21.70 | 351.40 | 0.938 | Level 1 | |
| 12,500.00 | 6,840.00 | 12,550.02 | 6,840.00 | 179.25 | 179.43 | -90.00 | -1,303.11 | -7,408.76 | 329.69 | -27.03 | 356.72 | 0.924 | Level 1 | |
| 12,600.00 | 6,840.00 | 12,650.02 | 6,840.00 | 181.90 | 182.08 | -90.00 | -1,302.63 | -7,508.75 | 329.69 | -32.36 | 362.06 | 0.911 | Level 1 | |
| 12,700.00 | 6,840.00 | 12,750.02 | 6,840.00 | 184.56 | 184.72 | -90.00 | -1,302.15 | -7,608.75 | 329.69 | -37.70 | 367.39 | 0.897 | Level 1 | |
| 12,800.00 | 6,840.00 | 12,850.02 | 6,840.00 | 187.22 | 187.37 | -90.00 | -1,301.68 | -7,708.75 | 329.69 | -43.04 | 372.73 | 0.885 | Level 1 | |
| 12,900.00 | 6,840.00 | 12,950.02 | 6,840.00 | 189.88 | 190.02 | -90.00 | -1,301.20 | -7,808.75 | 329.69 | -48.38 | 378.07 | 0.872 | Level 1 | |
| 13,000.00 | 6,840.00 | 13,050.02 | 6,840.00 | 192.54 | 192.68 | -90.00 | -1,300.72 | -7,908.75 | 329.69 | -53.72 | 383.42 | 0.860 | Level 1 | |
| 13,100.00 | 6,840.00 | 13,150.02 | 6,840.00 | 195.20 | 195.33 | -90.00 | -1,300.24 | -8,008.75 | 329.69 | -59.07 | 388.76 | 0.848 | Level 1 | |
| 13,200.00 | 6,840.00 | 13,250.02 | 6,840.00 | 197.87 | 197.99 | -90.00 | -1,299.77 | -8,108.75 | 329.69 | -64.42 | 394.11 | 0.837 | Level 1 | |
| 13,300.00 | 6,840.00 | 13,350.02 | 6,840.00 | 200.53 | 200.65 | -90.00 | -1,299.29 | -8,208.75 | 329.69 | -69.77 | 399.46 | 0.825 | Level 1 | |
| 13,400.00 | 6,840.00 | 13,450.02 | 6,840.00 | 203.20 | 203.31 | -90.00 | -1,298.81 | -8,308.75 | 329.69 | -75.12 | 404.82 | 0.814 | Level 1 | |
| 13,500.00 | 6,840.00 | 13,550.02 | 6,840.00 | 205.87 | 205.97 | -90.00 | -1,298.33 | -8,408.74 | 329.69 | -80.48 | 410.17 | 0.804 | Level 1 | |
| 13,600.00 | 6,840.00 | 13,650.02 | 6,840.00 | 208.54 | 208.63 | -90.00 | -1,297.86 | -8,508.74 | 329.69 | -85.84 | 415.53 | 0.793 | Level 1 | |
| 13,700.00 | 6,840.00 | 13,750.02 | 6,840.00 | 211.22 | 211.30 | -90.00 | -1,297.38 | -8,608.74 | 329.69 | -91.20 | 420.89 | 0.783 | Level 1 | |
| 13,800.00 | 6,840.00 | 13,850.02 | 6,840.00 | 213.89 | 213.96 | -90.00 | -1,296.90 | -8,708.74 | 329.69 | -96.56 | 426.25 | 0.773 | Level 1 | |
| 13,900.00 | 6,840.00 | 13,950.02 | 6,840.00 | 216.56 | 216.63 | -90.00 | -1,296.42 | -8,808.74 | 329.69 | -101.92 | 431.62 | 0.764 | Level 1 | |
| 14,000.00 | 6,840.00 | 14,050.02 | 6,840.00 | 219.24 | 219.30 | -90.00 | -1,295.95 | -8,908.74 | 329.69 | -107.29 | 436.98 | 0.754 | Level 1 | |
| 14,100.00 | 6,840.00 | 14,150.02 | 6,840.00 | 221.92 | 221.97 | -90.00 | -1,295.47 | -9,008.74 | 329.69 | -112.66 | 442.35 | 0.745 | Level 1 | |
| 14,200.00 | 6,840.00 | 14,250.02 | 6,840.00 | 224.59 | 224.64 | -90.00 | -1,294.99 | -9,108.74 | 329.69 | -118.03 | 447.72 | 0.736 | Level 1 | |
| 14,300.00 | 6,840.00 | 14,350.02 | 6,840.00 | 227.27 | 227.32 | -90.00 | -1,294.51 | -9,208.74 | 329.69 | -123.40 | 453.09 | 0.728 | Level 1 | |
| 14,400.00 | 6,840.00 | 14,450.02 | 6,840.00 | 229.95 | 229.99 | -90.00 | -1,294.04 | -9,308.73 | 329.69 | -128.77 | 458.47 | 0.719 | Level 1 | |
| 14,500.00 | 6,840.00 | 14,550.02 | 6,840.00 | 232.63 | 232.66 | -90.00 | -1,293.56 | -9,408.73 | 329.69 | -134.15 | 463.84 | 0.711 | Level 1 | |
| 14,600.00 | 6,840.00 | 14,650.02 | 6,840.00 | 235.31 | 235.34 | -90.00 | -1,293.08 | -9,508.73 | 329.69 | -139.52 | 469.22 | 0.703 | Level 1 | |
| 14,700.00 | 6,840.00 | 14,750.02 | 6,840.00 | 238.00 | 238.02 | -90.00 | -1,292.61 | -9,608.73 | 329.69 | -144.90 | 474.59 | 0.695 | Level 1 | |
| 14,800.00 | 6,840.00 | 14,850.02 | 6,840.00 | 240.68 | 240.70 | -90.00 | -1,292.13 | -9,708.73 | 329.69 | -150.28 | 479.97 | 0.687 | Level 1 | |
| 14,900.00 | 6,840.00 | 14,950.02 | 6,840.00 | 243.36 | 243.38 | -90.00 | -1,291.65 | -9,808.73 | 329.69 | -155.66 | 485.35 | 0.679 | Level 1 | |
| 15,000.00 | 6,840.00 | 15,050.02 | 6,840.00 | 246.05 | 246.05 | -90.00 | -1,291.17 | -9,908.73 | 329.69 | -161.04 | 490.73 | 0.672 | Level 1 | |
| 15,100.00 | 6,840.00 | 15,150.02 | 6,840.00 | 248.74 | 248.74 | -90.00 | -1,290.70 | -10,008.73 | 329.69 | -166.42 | 496.12 | 0.665 | Level 1 | |
| 15,200.00 | 6,840.00 | 15,250.02 | 6,840.00 | 251.42 | 251.42 | -90.00 | -1,290.22 | -10,108.72 | 329.69 | -171.81 | 501.50 | 0.657 | Level 1 | |
| 15,300.00 | 6,840.00 | 15,350.02 | 6,840.00 | 254.11 | 254.10 | -90.00 | -1,289.74 | -10,208.72 | 329.69 | -177.19 | 506.89 | 0.650 | Level 1 | |
| 15,400.00 | 6,840.00 | 15,450.02 | 6,840.00 | 256.80 | 256.78 | -90.00 | -1,289.26 | -10,308.72 | 329.69 | -182.58 | 512.27 | 0.644 | Level 1 | |
| 15,500.00 | 6,840.00 | 15,550.02 | 6,840.00 | 259.49 | 259.47 | -90.00 | -1,288.79 | -10,408.72 | 329.69 | -187.97 | 517.66 | 0.637 | Level 1 | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-14 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,600.00 | 6,840.00 | 15,650.02 | 6,840.00 | 262.17 | 262.15 | -90.00 | -1,288.31 | -10,508.72 | 329.69 | -193.36 | 523.05 | 0.630 | Level 1 | |
| 15,700.00 | 6,840.00 | 15,750.02 | 6,840.00 | 264.86 | 264.84 | -90.00 | -1,287.83 | -10,608.72 | 329.69 | -198.75 | 528.44 | 0.624 | Level 1 | |
| 15,800.00 | 6,840.00 | 15,850.02 | 6,840.00 | 267.55 | 267.52 | -90.00 | -1,287.35 | -10,708.72 | 329.69 | -204.14 | 533.83 | 0.618 | Level 1 | |
| 15,900.00 | 6,840.00 | 15,950.02 | 6,840.00 | 270.25 | 270.21 | -90.00 | -1,286.88 | -10,808.72 | 329.69 | -209.53 | 539.22 | 0.611 | Level 1 | |
| 16,000.00 | 6,840.00 | 16,050.02 | 6,840.00 | 272.94 | 272.90 | -90.00 | -1,286.40 | -10,908.72 | 329.69 | -214.92 | 544.61 | 0.605 | Level 1 | |
| 16,100.00 | 6,840.00 | 16,150.02 | 6,840.00 | 275.63 | 275.59 | -90.00 | -1,285.92 | -11,008.71 | 329.69 | -220.32 | 550.01 | 0.599 | Level 1 | |
| 16,200.00 | 6,840.00 | 16,250.02 | 6,840.00 | 278.32 | 278.28 | -90.00 | -1,285.44 | -11,108.71 | 329.69 | -225.71 | 555.40 | 0.594 | Level 1 | |
| 16,300.00 | 6,840.00 | 16,350.02 | 6,840.00 | 281.02 | 280.96 | -90.00 | -1,284.97 | -11,208.71 | 329.69 | -231.10 | 560.80 | 0.588 | Level 1 | |
| 16,400.00 | 6,840.00 | 16,450.02 | 6,840.00 | 283.71 | 283.65 | -90.00 | -1,284.49 | -11,308.71 | 329.69 | -236.50 | 566.19 | 0.582 | Level 1 | |
| 16,500.00 | 6,840.00 | 16,550.02 | 6,840.00 | 286.40 | 286.35 | -90.00 | -1,284.01 | -11,408.71 | 329.69 | -241.90 | 571.59 | 0.577 | Level 1 | |
| 16,600.00 | 6,840.00 | 16,650.02 | 6,840.00 | 289.10 | 289.04 | -90.00 | -1,283.53 | -11,508.71 | 329.69 | -247.30 | 576.99 | 0.571 | Level 1 | |
| 16,700.00 | 6,840.00 | 16,750.02 | 6,840.00 | 291.79 | 291.73 | -90.00 | -1,283.06 | -11,608.71 | 329.69 | -252.69 | 582.39 | 0.566 | Level 1 | |
| 16,800.00 | 6,840.00 | 16,850.02 | 6,840.00 | 294.49 | 294.42 | -90.00 | -1,282.58 | -11,708.71 | 329.69 | -258.09 | 587.79 | 0.561 | Level 1 | |
| 16,900.00 | 6,840.00 | 16,950.02 | 6,840.00 | 297.19 | 297.11 | -90.00 | -1,282.10 | -11,808.71 | 329.69 | -263.49 | 593.19 | 0.556 | Level 1 | |
| 17,000.00 | 6,840.00 | 17,050.02 | 6,840.00 | 299.88 | 299.81 | -90.00 | -1,281.63 | -11,908.70 | 329.69 | -268.89 | 598.59 | 0.551 | Level 1 | |
| 17,100.00 | 6,840.00 | 17,150.02 | 6,840.00 | 302.58 | 302.50 | -90.00 | -1,281.15 | -12,008.70 | 329.69 | -274.30 | 603.99 | 0.546 | Level 1 | |
| 17,200.00 | 6,840.00 | 17,250.02 | 6,840.00 | 305.28 | 305.19 | -90.00 | -1,280.67 | -12,108.70 | 329.69 | -279.70 | 609.39 | 0.541 | Level 1 | |
| 17,300.00 | 6,840.00 | 17,350.02 | 6,840.00 | 307.97 | 307.89 | -90.00 | -1,280.19 | -12,208.70 | 329.69 | -285.10 | 614.79 | 0.536 | Level 1 | |
| 17,400.00 | 6,840.00 | 17,450.02 | 6,840.00 | 310.67 | 310.58 | -90.00 | -1,279.72 | -12,308.70 | 329.69 | -290.50 | 620.20 | 0.532 | Level 1 | |
| 17,500.00 | 6,840.00 | 17,550.02 | 6,840.00 | 313.37 | 313.28 | -90.00 | -1,279.24 | -12,408.70 | 329.69 | -295.91 | 625.60 | 0.527 | Level 1 | |
| 17,600.00 | 6,840.00 | 17,650.02 | 6,840.00 | 316.07 | 315.98 | -90.00 | -1,278.76 | -12,508.70 | 329.69 | -301.31 | 631.01 | 0.522 | Level 1 | |
| 17,700.00 | 6,840.00 | 17,750.02 | 6,840.00 | 318.77 | 318.67 | -90.00 | -1,278.28 | -12,608.70 | 329.69 | -306.72 | 636.41 | 0.518 | Level 1 | |
| 17,800.00 | 6,840.00 | 17,850.02 | 6,840.00 | 321.47 | 321.37 | -90.00 | -1,277.81 | -12,708.70 | 329.69 | -312.12 | 641.82 | 0.514 | Level 1 | |
| 17,900.00 | 6,840.00 | 17,950.02 | 6,840.00 | 324.17 | 324.07 | -90.00 | -1,277.33 | -12,808.69 | 329.69 | -317.53 | 647.22 | 0.509 | Level 1 | |
| 18,000.00 | 6,840.00 | 18,050.02 | 6,840.00 | 326.87 | 326.76 | -90.00 | -1,276.85 | -12,908.69 | 329.69 | -322.94 | 652.63 | 0.505 | Level 1 | |
| 18,100.00 | 6,840.00 | 18,150.02 | 6,840.00 | 329.57 | 329.46 | -90.00 | -1,276.37 | -13,008.69 | 329.69 | -328.35 | 658.04 | 0.501 | Level 1 | |
| 18,200.00 | 6,840.00 | 18,250.02 | 6,840.00 | 332.27 | 332.16 | -90.00 | -1,275.90 | -13,108.69 | 329.69 | -333.75 | 663.45 | 0.497 | Level 1 | |
| 18,300.00 | 6,840.00 | 18,350.02 | 6,840.00 | 334.97 | 334.86 | -90.00 | -1,275.42 | -13,208.69 | 329.69 | -339.16 | 668.85 | 0.493 | Level 1 | |
| 18,400.00 | 6,840.00 | 18,450.02 | 6,840.00 | 337.67 | 337.56 | -90.00 | -1,274.94 | -13,308.69 | 329.69 | -344.57 | 674.26 | 0.489 | Level 1 | |
| 18,500.00 | 6,840.00 | 18,550.02 | 6,840.00 | 340.38 | 340.26 | -90.00 | -1,274.46 | -13,408.69 | 329.69 | -349.98 | 679.67 | 0.485 | Level 1 | |
| 18,600.00 | 6,840.00 | 18,650.02 | 6,840.00 | 343.08 | 342.96 | -90.00 | -1,273.99 | -13,508.69 | 329.69 | -355.39 | 685.08 | 0.481 | Level 1 | |
| 18,700.00 | 6,840.00 | 18,750.02 | 6,840.00 | 345.78 | 345.66 | -90.00 | -1,273.51 | -13,608.69 | 329.69 | -360.80 | 690.49 | 0.477 | Level 1 | |
| 18,800.00 | 6,840.00 | 18,850.02 | 6,840.00 | 348.48 | 348.36 | -90.00 | -1,273.03 | -13,708.68 | 329.69 | -366.21 | 695.90 | 0.474 | Level 1 | |
| 18,900.00 | 6,840.00 | 18,950.02 | 6,840.00 | 351.19 | 351.06 | -90.00 | -1,272.55 | -13,808.68 | 329.69 | -371.62 | 701.32 | 0.470 | Level 1 | |
| 19,000.00 | 6,840.00 | 19,050.02 | 6,840.00 | 353.89 | 353.76 | -90.00 | -1,272.08 | -13,908.68 | 329.69 | -377.04 | 706.73 | 0.467 | Level 1 | |
| 19,100.00 | 6,840.00 | 19,150.02 | 6,840.00 | 356.59 | 356.46 | -90.00 | -1,271.60 | -14,008.68 | 329.69 | -382.45 | 712.14 | 0.463 | Level 1 | |
| 19,200.00 | 6,840.00 | 19,250.02 | 6,840.00 | 359.30 | 359.16 | -90.00 | -1,271.12 | -14,108.68 | 329.69 | -387.86 | 717.55 | 0.459 | Level 1 | |
| 19,300.00 | 6,840.00 | 19,350.02 | 6,840.00 | 362.00 | 361.86 | -90.00 | -1,270.65 | -14,208.68 | 329.69 | -393.27 | 722.97 | 0.456 | Level 1 | |
| 19,400.00 | 6,840.00 | 19,450.02 | 6,840.00 | 364.71 | 364.57 | -90.00 | -1,270.17 | -14,308.68 | 329.69 | -398.69 | 728.38 | 0.453 | Level 1 | |
| 19,500.00 | 6,840.00 | 19,550.02 | 6,840.00 | 367.41 | 367.27 | -90.00 | -1,269.69 | -14,408.68 | 329.69 | -404.10 | 733.79 | 0.449 | Level 1 | |
| 19,600.00 | 6,840.00 | 19,650.02 | 6,840.00 | 370.11 | 369.97 | -90.00 | -1,269.21 | -14,508.67 | 329.69 | -409.52 | 739.21 | 0.446 | Level 1 | |
| 19,700.00 | 6,840.00 | 19,750.02 | 6,840.00 | 372.82 | 372.67 | -90.00 | -1,268.74 | -14,608.67 | 329.69 | -414.93 | 744.62 | 0.443 | Level 1 | |
| 19,800.00 | 6,840.00 | 19,850.02 | 6,840.00 | 375.53 | 375.38 | -90.00 | -1,268.26 | -14,708.67 | 329.69 | -420.35 | 750.04 | 0.440 | Level 1 | |
| 19,900.00 | 6,840.00 | 19,950.02 | 6,840.00 | 378.23 | 378.08 | -90.00 | -1,267.78 | -14,808.67 | 329.69 | -425.76 | 755.45 | 0.436 | Level 1 | |
| 20,000.00 | 6,840.00 | 20,050.02 | 6,840.00 | 380.94 | 380.78 | -90.00 | -1,267.30 | -14,908.67 | 329.69 | -431.18 | 760.87 | 0.433 | Level 1 | |
| 20,100.00 | 6,840.00 | 20,150.02 | 6,840.00 | 383.64 | 383.49 | -90.00 | -1,266.83 | -15,008.67 | 329.69 | -436.59 | 766.28 | 0.430 | Level 1 | |
| 20,200.00 | 6,840.00 | 20,250.02 | 6,840.00 | 386.35 | 386.19 | -90.00 | -1,266.35 | -15,108.67 | 329.69 | -442.01 | 771.70 | 0.427 | Level 1 | |
| 20,300.00 | 6,840.00 | 20,350.02 | 6,840.00 | 389.05 | 388.90 | -90.00 | -1,265.87 | -15,208.67 | 329.69 | -447.43 | 777.12 | 0.424 | Level 1 | |
| 20,400.00 | 6,840.00 | 20,450.02 | 6,840.00 | 391.76 | 391.60 | -90.00 | -1,265.39 | -15,308.67 | 329.69 | -452.84 | 782.53 | 0.421 | Level 1 | |
| 20,442.82 | 6,840.00 | 20,492.84 | 6,840.00 | 392.92 | 392.76 | -90.00 | -1,265.19 | -15,351.48 | 329.69 | -455.16 | 784.85 | 0.420 | Level 1, ES, SF | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-15 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 180.00 | -44.81 | 0.00 | 44.81 | | | | | |
| 100.00 | 100.00 | 100.00 | 100.00 | 0.13 | 0.13 | 180.00 | -44.81 | 0.00 | 44.81 | 44.54 | 0.27 | 166.668 | | |
| 200.00 | 200.00 | 200.00 | 200.00 | 0.49 | 0.49 | 180.00 | -44.81 | 0.00 | 44.81 | 43.82 | 0.99 | 45.455 | | |
| 300.00 | 300.00 | 300.00 | 300.00 | 0.85 | 0.85 | 180.00 | -44.81 | 0.00 | 44.81 | 43.11 | 1.70 | 26.316 CC | | |
| 400.00 | 400.00 | 399.01 | 398.99 | 1.21 | 1.19 | -178.32 | -45.86 | -1.35 | 45.89 | 43.49 | 2.41 | 19.082 | | |
| 500.00 | 500.00 | 497.78 | 497.62 | 1.57 | 1.54 | -173.74 | -49.02 | -5.37 | 49.37 | 46.26 | 3.11 | 15.897 | | |
| 600.00 | 599.98 | 596.23 | 595.70 | 1.92 | 1.89 | -53.01 | -54.24 | -12.05 | 54.67 | 50.87 | 3.80 | 14.387 | | |
| 700.00 | 699.84 | 694.44 | 693.20 | 2.26 | 2.27 | -49.49 | -61.52 | -21.35 | 60.76 | 56.27 | 4.49 | 13.526 | | |
| 800.00 | 799.45 | 792.41 | 789.99 | 2.62 | 2.67 | -47.11 | -70.83 | -33.24 | 67.46 | 62.26 | 5.20 | 12.980 | | |
| 900.00 | 898.70 | 890.13 | 885.97 | 2.99 | 3.10 | -45.61 | -82.14 | -47.69 | 74.66 | 68.74 | 5.92 | 12.614 | | |
| 1,000.00 | 997.47 | 987.60 | 981.02 | 3.39 | 3.56 | -44.78 | -95.43 | -64.67 | 82.28 | 75.62 | 6.66 | 12.353 | | |
| 1,100.00 | 1,095.62 | 1,084.81 | 1,075.03 | 3.81 | 4.06 | -44.45 | -110.66 | -84.12 | 90.29 | 82.86 | 7.43 | 12.150 | | |
| 1,200.00 | 1,193.06 | 1,181.77 | 1,167.91 | 4.27 | 4.60 | -44.52 | -127.79 | -106.02 | 98.66 | 90.43 | 8.23 | 11.982 | | |
| 1,300.00 | 1,289.64 | 1,278.46 | 1,259.55 | 4.77 | 5.18 | -44.87 | -146.81 | -130.31 | 107.39 | 98.31 | 9.09 | 11.819 | | |
| 1,400.00 | 1,385.27 | 1,374.90 | 1,349.86 | 5.31 | 5.81 | -45.45 | -167.65 | -156.94 | 116.48 | 106.49 | 9.99 | 11.656 | | |
| 1,500.00 | 1,479.82 | 1,471.08 | 1,438.74 | 5.91 | 6.49 | -46.19 | -190.30 | -185.87 | 125.93 | 114.97 | 10.97 | 11.484 | | |
| 1,600.00 | 1,573.19 | 1,569.94 | 1,529.21 | 6.55 | 7.22 | -47.36 | -214.86 | -217.25 | 134.93 | 122.85 | 12.08 | 11.169 | | |
| 1,700.00 | 1,666.16 | 1,669.53 | 1,620.33 | 7.23 | 7.98 | -48.80 | -239.63 | -248.89 | 143.29 | 130.00 | 13.28 | 10.789 | | |
| 1,800.00 | 1,759.13 | 1,769.11 | 1,711.45 | 7.93 | 8.75 | -50.09 | -264.40 | -280.54 | 151.73 | 137.20 | 14.52 | 10.448 | | |
| 1,900.00 | 1,852.10 | 1,868.70 | 1,802.56 | 8.64 | 9.52 | -51.25 | -289.17 | -312.19 | 160.23 | 144.44 | 15.79 | 10.145 | | |
| 2,000.00 | 1,945.06 | 1,968.29 | 1,893.68 | 9.35 | 10.31 | -52.28 | -313.95 | -343.84 | 168.80 | 151.71 | 17.09 | 9.875 | | |
| 2,100.00 | 2,038.03 | 2,067.88 | 1,984.80 | 10.08 | 11.09 | -53.22 | -338.72 | -375.49 | 177.41 | 159.00 | 18.41 | 9.635 | | |
| 2,200.00 | 2,131.00 | 2,167.47 | 2,075.92 | 10.81 | 11.88 | -54.07 | -363.49 | -407.14 | 186.07 | 166.32 | 19.75 | 9.420 | | |
| 2,300.00 | 2,223.97 | 2,267.06 | 2,167.04 | 11.54 | 12.68 | -54.84 | -388.27 | -438.79 | 194.76 | 173.66 | 21.11 | 9.228 | | |
| 2,400.00 | 2,316.94 | 2,366.64 | 2,258.16 | 12.28 | 13.47 | -55.55 | -413.04 | -470.44 | 203.49 | 181.02 | 22.47 | 9.055 | | |
| 2,500.00 | 2,409.90 | 2,466.23 | 2,349.27 | 13.02 | 14.27 | -56.20 | -437.81 | -502.09 | 212.25 | 188.39 | 23.85 | 8.898 | | |
| 2,600.00 | 2,502.87 | 2,565.82 | 2,440.39 | 13.77 | 15.07 | -56.80 | -462.58 | -533.73 | 221.03 | 195.79 | 25.24 | 8.757 | | |
| 2,700.00 | 2,595.84 | 2,665.41 | 2,531.51 | 14.51 | 15.87 | -57.35 | -487.36 | -565.38 | 229.83 | 203.19 | 26.64 | 8.629 | | |
| 2,800.00 | 2,688.81 | 2,765.00 | 2,622.63 | 15.26 | 16.67 | -57.86 | -512.13 | -597.03 | 238.65 | 210.61 | 28.04 | 8.512 | | |
| 2,900.00 | 2,781.77 | 2,864.59 | 2,713.75 | 16.01 | 17.48 | -58.33 | -536.90 | -628.68 | 247.49 | 218.04 | 29.45 | 8.404 | | |
| 3,000.00 | 2,874.74 | 2,964.18 | 2,804.86 | 16.76 | 18.28 | -58.78 | -561.68 | -660.33 | 256.34 | 225.48 | 30.86 | 8.306 | | |
| 3,100.00 | 2,967.71 | 3,063.76 | 2,895.98 | 17.52 | 19.09 | -59.19 | -586.45 | -691.98 | 265.21 | 232.93 | 32.28 | 8.216 | | |
| 3,200.00 | 3,060.68 | 3,163.35 | 2,987.10 | 18.27 | 19.90 | -59.57 | -611.22 | -723.63 | 274.09 | 240.39 | 33.70 | 8.132 | | |
| 3,300.00 | 3,153.65 | 3,262.94 | 3,078.22 | 19.03 | 20.70 | -59.94 | -635.99 | -755.28 | 282.99 | 247.86 | 35.13 | 8.055 | | |
| 3,400.00 | 3,246.61 | 3,362.53 | 3,169.34 | 19.78 | 21.51 | -60.27 | -660.77 | -786.93 | 291.89 | 255.33 | 36.56 | 7.984 | | |
| 3,500.00 | 3,339.58 | 3,462.12 | 3,260.45 | 20.54 | 22.32 | -60.59 | -685.54 | -818.57 | 300.80 | 262.81 | 37.99 | 7.917 | | |
| 3,600.00 | 3,432.55 | 3,561.71 | 3,351.57 | 21.30 | 23.13 | -60.89 | -710.31 | -850.22 | 309.72 | 270.29 | 39.43 | 7.855 | | |
| 3,700.00 | 3,525.52 | 3,661.29 | 3,442.69 | 22.06 | 23.94 | -61.18 | -735.09 | -881.87 | 318.65 | 277.79 | 40.87 | 7.797 | | |
| 3,800.00 | 3,618.49 | 3,760.88 | 3,533.81 | 22.82 | 24.75 | -61.45 | -759.86 | -913.52 | 327.59 | 285.28 | 42.31 | 7.743 | | |
| 3,900.00 | 3,711.45 | 3,860.47 | 3,624.93 | 23.57 | 25.55 | -61.70 | -784.63 | -945.17 | 336.54 | 292.78 | 43.75 | 7.692 | | |
| 4,000.00 | 3,804.42 | 3,960.06 | 3,716.04 | 24.33 | 26.37 | -61.94 | -809.40 | -976.82 | 345.49 | 300.29 | 45.20 | 7.644 | | |
| 4,100.00 | 3,897.39 | 4,059.65 | 3,807.16 | 25.09 | 27.18 | -62.17 | -834.18 | -1,008.47 | 354.44 | 307.80 | 46.64 | 7.599 | | |
| 4,200.00 | 3,990.36 | 4,159.24 | 3,898.28 | 25.86 | 27.99 | -62.39 | -858.95 | -1,040.12 | 363.40 | 315.32 | 48.09 | 7.557 | | |
| 4,300.00 | 4,083.32 | 4,258.82 | 3,989.40 | 26.62 | 28.80 | -62.60 | -883.72 | -1,071.76 | 372.37 | 322.83 | 49.54 | 7.517 | | |
| 4,400.00 | 4,176.29 | 4,358.41 | 4,080.52 | 27.38 | 29.61 | -62.79 | -908.49 | -1,103.41 | 381.34 | 330.35 | 50.99 | 7.479 | | |
| 4,500.00 | 4,269.26 | 4,458.00 | 4,171.64 | 28.14 | 30.42 | -62.98 | -933.27 | -1,135.06 | 390.32 | 337.88 | 52.44 | 7.444 | | |
| 4,600.00 | 4,362.23 | 4,557.59 | 4,262.75 | 28.90 | 31.23 | -63.16 | -958.04 | -1,166.71 | 399.30 | 345.41 | 53.89 | 7.410 | | |
| 4,700.00 | 4,455.20 | 4,657.18 | 4,353.87 | 29.66 | 32.04 | -63.34 | -982.81 | -1,198.36 | 408.28 | 352.94 | 55.34 | 7.377 | | |
| 4,800.00 | 4,548.16 | 4,756.77 | 4,444.99 | 30.43 | 32.85 | -63.50 | -1,007.59 | -1,230.01 | 417.26 | 360.47 | 56.80 | 7.347 | | |
| 4,900.00 | 4,641.13 | 4,856.35 | 4,536.11 | 31.19 | 33.67 | -63.66 | -1,032.36 | -1,261.66 | 426.25 | 368.00 | 58.25 | 7.318 | | |
| 5,000.00 | 4,734.10 | 4,955.94 | 4,627.23 | 31.95 | 34.48 | -63.81 | -1,057.13 | -1,293.31 | 435.25 | 375.54 | 59.71 | 7.290 | | |
| 5,100.00 | 4,827.07 | 5,055.53 | 4,718.34 | 32.71 | 35.29 | -63.95 | -1,081.90 | -1,324.96 | 444.24 | 383.08 | 61.16 | 7.263 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-15 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 5,155.12 | 4,809.46 | 33.48 | 36.10 | -64.09 | -1,106.68 | -1,356.60 | 453.24 | 390.62 | 62.62 | 7.238 | | |
| 5,300.00 | 5,013.00 | 5,254.71 | 4,900.58 | 34.24 | 36.91 | -64.23 | -1,131.45 | -1,388.25 | 462.24 | 398.17 | 64.08 | 7.214 | | |
| 5,400.00 | 5,105.97 | 5,354.30 | 4,991.70 | 35.00 | 37.73 | -64.36 | -1,156.22 | -1,419.90 | 471.25 | 405.71 | 65.53 | 7.191 | | |
| 5,500.00 | 5,198.94 | 5,453.88 | 5,082.82 | 35.77 | 38.54 | -64.48 | -1,181.00 | -1,451.55 | 480.25 | 413.26 | 66.99 | 7.169 | | |
| 5,600.00 | 5,291.91 | 5,553.47 | 5,173.93 | 36.53 | 39.35 | -64.60 | -1,205.77 | -1,483.20 | 489.26 | 420.81 | 68.45 | 7.148 | | |
| 5,700.00 | 5,384.87 | 5,653.06 | 5,265.05 | 37.29 | 40.17 | -64.71 | -1,230.54 | -1,514.85 | 498.27 | 428.36 | 69.91 | 7.127 | | |
| 5,800.00 | 5,477.84 | 5,752.65 | 5,356.17 | 38.06 | 40.98 | -64.82 | -1,255.31 | -1,546.50 | 507.28 | 435.91 | 71.37 | 7.108 | | |
| 5,900.00 | 5,570.81 | 5,852.24 | 5,447.29 | 38.82 | 41.79 | -64.93 | -1,280.09 | -1,578.15 | 516.29 | 443.46 | 72.83 | 7.089 | | |
| 6,000.00 | 5,663.78 | 5,951.83 | 5,538.41 | 39.59 | 42.60 | -65.04 | -1,304.86 | -1,609.80 | 525.31 | 451.02 | 74.29 | 7.071 | | |
| 6,100.00 | 5,756.75 | 6,051.42 | 5,629.52 | 40.35 | 43.42 | -65.14 | -1,329.63 | -1,641.44 | 534.33 | 458.58 | 75.75 | 7.054 | | |
| 6,200.00 | 5,849.71 | 6,151.00 | 5,720.64 | 41.12 | 44.23 | -65.23 | -1,354.41 | -1,673.09 | 543.35 | 466.13 | 77.21 | 7.037 | | |
| 6,300.00 | 5,942.68 | 6,250.59 | 5,811.76 | 41.88 | 45.04 | -65.33 | -1,379.18 | -1,704.74 | 552.36 | 473.69 | 78.67 | 7.021 | | |
| 6,400.00 | 6,035.65 | 6,350.18 | 5,902.88 | 42.64 | 45.86 | -65.42 | -1,403.95 | -1,736.39 | 561.39 | 481.25 | 80.14 | 7.005 | | |
| 6,500.00 | 6,128.62 | 6,449.77 | 5,994.00 | 43.41 | 46.67 | -65.50 | -1,428.72 | -1,768.04 | 570.41 | 488.81 | 81.60 | 6.990 | | |
| 6,600.00 | 6,221.59 | 6,549.36 | 6,085.12 | 44.17 | 47.48 | -65.59 | -1,453.50 | -1,799.69 | 579.43 | 496.37 | 83.06 | 6.976 | | |
| 6,700.00 | 6,314.55 | 6,648.95 | 6,176.23 | 44.94 | 48.30 | -65.67 | -1,478.27 | -1,831.34 | 588.46 | 503.93 | 84.52 | 6.962 | | |
| 6,800.00 | 6,407.52 | 6,748.53 | 6,267.35 | 45.70 | 49.11 | -65.75 | -1,503.04 | -1,862.99 | 597.48 | 511.50 | 85.99 | 6.949 | | |
| 6,900.00 | 6,499.98 | 6,848.07 | 6,358.42 | 46.49 | 49.92 | -69.69 | -1,527.80 | -1,894.62 | 606.60 | 519.06 | 87.54 | 6.929 | | |
| 7,000.00 | 6,586.50 | 6,946.06 | 6,448.08 | 47.49 | 50.72 | -76.30 | -1,552.18 | -1,925.76 | 616.75 | 526.75 | 90.00 | 6.853 | | |
| 7,100.00 | 6,663.58 | 7,057.19 | 6,546.92 | 48.75 | 51.74 | -81.23 | -1,579.01 | -1,968.48 | 628.04 | 534.64 | 93.40 | 6.724 | | |
| 7,200.00 | 6,728.87 | 7,178.38 | 6,643.57 | 50.23 | 53.15 | -84.74 | -1,605.12 | -2,036.37 | 638.77 | 541.76 | 97.01 | 6.585 | | |
| 7,300.00 | 6,780.38 | 7,307.43 | 6,728.94 | 51.91 | 54.95 | -87.26 | -1,628.02 | -2,130.03 | 648.08 | 547.59 | 100.49 | 6.449 | | |
| 7,400.00 | 6,816.56 | 7,443.58 | 6,794.75 | 53.74 | 57.12 | -88.95 | -1,645.45 | -2,247.57 | 655.08 | 551.43 | 103.66 | 6.320 | | |
| 7,500.00 | 6,836.29 | 7,584.91 | 6,832.87 | 55.65 | 59.55 | -89.85 | -1,665.22 | -2,382.93 | 659.04 | 552.64 | 106.40 | 6.194 | | |
| 7,600.00 | 6,840.00 | 7,712.81 | 6,840.00 | 57.58 | 61.79 | -90.00 | -1,656.55 | -2,510.44 | 659.75 | 550.32 | 109.43 | 6.029 | | |
| 7,700.00 | 6,840.00 | 7,812.81 | 6,840.00 | 59.56 | 63.58 | -90.00 | -1,666.07 | -2,610.44 | 659.74 | 546.15 | 113.59 | 5.808 | | |
| 7,800.00 | 6,840.00 | 7,912.81 | 6,840.00 | 61.60 | 65.44 | -90.00 | -1,655.58 | -2,710.44 | 659.73 | 541.87 | 117.86 | 5.598 | | |
| 7,900.00 | 6,840.00 | 8,012.81 | 6,840.00 | 63.69 | 67.35 | -90.00 | -1,655.09 | -2,810.44 | 659.73 | 537.51 | 122.22 | 5.398 | | |
| 8,000.00 | 6,840.00 | 8,112.81 | 6,840.00 | 65.82 | 69.31 | -90.00 | -1,654.61 | -2,910.44 | 659.72 | 533.06 | 126.66 | 5.209 | | |
| 8,100.00 | 6,840.00 | 8,212.81 | 6,840.00 | 67.99 | 71.32 | -90.00 | -1,654.12 | -3,010.44 | 659.71 | 528.53 | 131.18 | 5.029 | | |
| 8,200.00 | 6,840.00 | 8,312.81 | 6,840.00 | 70.21 | 73.38 | -90.00 | -1,653.64 | -3,110.44 | 659.70 | 523.94 | 135.76 | 4.859 | | |
| 8,300.00 | 6,840.00 | 8,412.81 | 6,840.00 | 72.45 | 75.48 | -90.00 | -1,653.15 | -3,210.43 | 659.69 | 519.28 | 140.41 | 4.698 | | |
| 8,400.00 | 6,840.00 | 8,512.81 | 6,840.00 | 74.73 | 77.62 | -90.00 | -1,652.66 | -3,310.43 | 659.68 | 514.57 | 145.11 | 4.546 | | |
| 8,500.00 | 6,840.00 | 8,612.81 | 6,840.00 | 77.04 | 79.79 | -90.00 | -1,652.18 | -3,410.43 | 659.67 | 509.81 | 149.86 | 4.402 | | |
| 8,600.00 | 6,840.00 | 8,712.81 | 6,840.00 | 79.38 | 82.00 | -90.00 | -1,651.69 | -3,510.43 | 659.67 | 505.01 | 154.66 | 4.265 | | |
| 8,700.00 | 6,840.00 | 8,812.81 | 6,840.00 | 81.74 | 84.24 | -90.00 | -1,651.21 | -3,610.43 | 659.66 | 500.16 | 159.50 | 4.136 | | |
| 8,800.00 | 6,840.00 | 8,912.81 | 6,840.00 | 84.12 | 86.51 | -90.00 | -1,650.72 | -3,710.43 | 659.65 | 495.27 | 164.37 | 4.013 | | |
| 8,900.00 | 6,840.00 | 9,012.81 | 6,840.00 | 86.52 | 88.81 | -90.00 | -1,650.24 | -3,810.43 | 659.64 | 490.36 | 169.28 | 3.897 | | |
| 9,000.00 | 6,840.00 | 9,112.81 | 6,840.00 | 88.94 | 91.12 | -90.00 | -1,649.75 | -3,910.43 | 659.63 | 485.41 | 174.23 | 3.786 | | |
| 9,100.00 | 6,840.00 | 9,212.81 | 6,840.00 | 91.38 | 93.47 | -90.00 | -1,649.26 | -4,010.43 | 659.62 | 480.43 | 179.20 | 3.681 | | |
| 9,200.00 | 6,840.00 | 9,312.81 | 6,840.00 | 93.83 | 95.83 | -90.00 | -1,648.78 | -4,110.42 | 659.61 | 475.42 | 184.19 | 3.581 | | |
| 9,300.00 | 6,840.00 | 9,412.81 | 6,840.00 | 96.30 | 98.21 | -90.00 | -1,648.29 | -4,210.42 | 659.61 | 470.39 | 189.21 | 3.486 | | |
| 9,400.00 | 6,840.00 | 9,512.81 | 6,840.00 | 98.79 | 100.61 | -90.00 | -1,647.81 | -4,310.42 | 659.60 | 465.34 | 194.26 | 3.395 | | |
| 9,500.00 | 6,840.00 | 9,612.81 | 6,840.00 | 101.28 | 103.03 | -90.00 | -1,647.32 | -4,410.42 | 659.59 | 460.27 | 199.32 | 3.309 | | |
| 9,600.00 | 6,840.00 | 9,712.81 | 6,840.00 | 103.79 | 105.46 | -90.00 | -1,646.83 | -4,510.42 | 659.58 | 455.17 | 204.41 | 3.227 | | |
| 9,700.00 | 6,840.00 | 9,812.81 | 6,840.00 | 106.30 | 107.91 | -90.00 | -1,646.35 | -4,610.42 | 659.57 | 450.06 | 209.51 | 3.148 | | |
| 9,800.00 | 6,840.00 | 9,912.81 | 6,840.00 | 108.83 | 110.37 | -90.00 | -1,645.86 | -4,710.42 | 659.56 | 444.94 | 214.63 | 3.073 | | |
| 9,900.00 | 6,840.00 | 10,012.81 | 6,840.00 | 111.37 | 112.84 | -90.00 | -1,645.38 | -4,810.42 | 659.55 | 439.79 | 219.76 | 3.001 | | |
| 10,000.00 | 6,840.00 | 10,112.81 | 6,840.00 | 113.91 | 115.32 | -90.00 | -1,644.89 | -4,910.41 | 659.55 | 434.64 | 224.91 | 2.932 | | |
| 10,100.00 | 6,840.00 | 10,212.81 | 6,840.00 | 116.47 | 117.82 | -90.00 | -1,644.40 | -5,010.41 | 659.54 | 429.47 | 230.07 | 2.867 | | |
| 10,200.00 | 6,840.00 | 10,312.81 | 6,840.00 | 119.03 | 120.32 | -90.00 | -1,643.92 | -5,110.41 | 659.53 | 424.28 | 235.25 | 2.804 | | |
| 10,300.00 | 6,840.00 | 10,412.81 | 6,840.00 | 121.59 | 122.84 | -90.00 | -1,643.43 | -5,210.41 | 659.52 | 419.09 | 240.43 | 2.743 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-15 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 10,512.81 | 6,840.00 | 124.17 | 125.36 | -90.00 | -1,642.95 | -5,310.41 | 659.51 | 413.88 | 245.63 | 2.685 | | |
| 10,500.00 | 6,840.00 | 10,612.81 | 6,840.00 | 126.75 | 127.89 | -90.00 | -1,642.46 | -5,410.41 | 659.50 | 408.67 | 250.84 | 2.629 | | |
| 10,600.00 | 6,840.00 | 10,712.81 | 6,840.00 | 129.34 | 130.43 | -90.00 | -1,641.97 | -5,510.41 | 659.49 | 403.44 | 256.05 | 2.576 | | |
| 10,700.00 | 6,840.00 | 10,812.81 | 6,840.00 | 131.93 | 132.98 | -90.00 | -1,641.49 | -5,610.41 | 659.49 | 398.21 | 261.28 | 2.524 | | |
| 10,800.00 | 6,840.00 | 10,912.81 | 6,840.00 | 134.53 | 135.54 | -90.00 | -1,641.00 | -5,710.41 | 659.48 | 392.96 | 266.51 | 2.474 | | |
| 10,900.00 | 6,840.00 | 11,012.81 | 6,840.00 | 137.13 | 138.10 | -90.00 | -1,640.52 | -5,810.40 | 659.47 | 387.71 | 271.76 | 2.427 | | |
| 11,000.00 | 6,840.00 | 11,112.81 | 6,840.00 | 139.73 | 140.67 | -90.00 | -1,640.03 | -5,910.40 | 659.46 | 382.45 | 277.01 | 2.381 | | |
| 11,100.00 | 6,840.00 | 11,212.81 | 6,840.00 | 142.35 | 143.24 | -90.00 | -1,639.55 | -6,010.40 | 659.45 | 377.19 | 282.26 | 2.336 | | |
| 11,200.00 | 6,840.00 | 11,312.81 | 6,840.00 | 144.96 | 145.82 | -90.00 | -1,639.06 | -6,110.40 | 659.44 | 371.92 | 287.53 | 2.293 | | |
| 11,300.00 | 6,840.00 | 11,412.81 | 6,840.00 | 147.58 | 148.40 | -90.00 | -1,638.57 | -6,210.40 | 659.43 | 366.64 | 292.80 | 2.252 | | |
| 11,400.00 | 6,840.00 | 11,512.81 | 6,840.00 | 150.20 | 150.99 | -90.00 | -1,638.09 | -6,310.40 | 659.43 | 361.35 | 298.07 | 2.212 | | |
| 11,500.00 | 6,840.00 | 11,612.81 | 6,840.00 | 152.83 | 153.59 | -90.00 | -1,637.60 | -6,410.40 | 659.42 | 356.06 | 303.36 | 2.174 | | |
| 11,600.00 | 6,840.00 | 11,712.81 | 6,840.00 | 155.46 | 156.18 | -90.00 | -1,637.12 | -6,510.40 | 659.41 | 350.76 | 308.65 | 2.136 | | |
| 11,700.00 | 6,840.00 | 11,812.81 | 6,840.00 | 158.09 | 158.79 | -90.00 | -1,636.63 | -6,610.39 | 659.40 | 345.46 | 313.94 | 2.100 | | |
| 11,800.00 | 6,840.00 | 11,912.81 | 6,840.00 | 160.73 | 161.39 | -90.00 | -1,636.14 | -6,710.39 | 659.39 | 340.16 | 319.24 | 2.066 | | |
| 11,900.00 | 6,840.00 | 12,012.81 | 6,840.00 | 163.36 | 164.01 | -90.00 | -1,635.66 | -6,810.39 | 659.38 | 334.84 | 324.54 | 2.032 | | |
| 12,000.00 | 6,840.00 | 12,112.81 | 6,840.00 | 166.01 | 166.62 | -90.00 | -1,635.17 | -6,910.39 | 659.38 | 329.53 | 329.85 | 1.999 | | |
| 12,100.00 | 6,840.00 | 12,212.81 | 6,840.00 | 168.65 | 169.24 | -90.00 | -1,634.69 | -7,010.39 | 659.37 | 324.21 | 335.16 | 1.967 | | |
| 12,200.00 | 6,840.00 | 12,312.81 | 6,840.00 | 171.30 | 171.86 | -90.00 | -1,634.20 | -7,110.39 | 659.36 | 318.89 | 340.47 | 1.937 | | |
| 12,300.00 | 6,840.00 | 12,412.81 | 6,840.00 | 173.94 | 174.48 | -90.00 | -1,633.71 | -7,210.39 | 659.35 | 313.56 | 345.79 | 1.907 | | |
| 12,400.00 | 6,840.00 | 12,512.81 | 6,840.00 | 176.59 | 177.11 | -90.00 | -1,633.23 | -7,310.39 | 659.34 | 308.23 | 351.12 | 1.878 | | |
| 12,500.00 | 6,840.00 | 12,612.81 | 6,840.00 | 179.25 | 179.74 | -90.00 | -1,632.74 | -7,410.39 | 659.33 | 302.89 | 356.44 | 1.850 | | |
| 12,600.00 | 6,840.00 | 12,712.81 | 6,840.00 | 181.90 | 182.37 | -90.00 | -1,632.26 | -7,510.38 | 659.32 | 297.55 | 361.77 | 1.822 | | |
| 12,700.00 | 6,840.00 | 12,812.81 | 6,840.00 | 184.56 | 185.01 | -90.00 | -1,631.77 | -7,610.38 | 659.32 | 292.21 | 367.10 | 1.796 | | |
| 12,800.00 | 6,840.00 | 12,912.81 | 6,840.00 | 187.22 | 187.65 | -90.00 | -1,631.28 | -7,710.38 | 659.31 | 286.87 | 372.44 | 1.770 | | |
| 12,900.00 | 6,840.00 | 13,012.81 | 6,840.00 | 189.88 | 190.29 | -90.00 | -1,630.80 | -7,810.38 | 659.30 | 281.52 | 377.78 | 1.745 | | |
| 13,000.00 | 6,840.00 | 13,112.81 | 6,840.00 | 192.54 | 192.93 | -90.00 | -1,630.31 | -7,910.38 | 659.29 | 276.17 | 383.12 | 1.721 | | |
| 13,100.00 | 6,840.00 | 13,212.81 | 6,840.00 | 195.20 | 195.57 | -90.00 | -1,629.83 | -8,010.38 | 659.28 | 270.81 | 388.47 | 1.697 | | |
| 13,200.00 | 6,840.00 | 13,312.81 | 6,840.00 | 197.87 | 198.22 | -90.00 | -1,629.34 | -8,110.38 | 659.27 | 265.46 | 393.81 | 1.674 | | |
| 13,300.00 | 6,840.00 | 13,412.81 | 6,840.00 | 200.53 | 200.87 | -90.00 | -1,628.86 | -8,210.38 | 659.26 | 260.10 | 399.16 | 1.652 | | |
| 13,400.00 | 6,840.00 | 13,512.81 | 6,840.00 | 203.20 | 203.52 | -90.00 | -1,628.37 | -8,310.37 | 659.26 | 254.74 | 404.52 | 1.630 | | |
| 13,500.00 | 6,840.00 | 13,612.81 | 6,840.00 | 205.87 | 206.17 | -90.00 | -1,627.88 | -8,410.37 | 659.25 | 249.38 | 409.87 | 1.608 | | |
| 13,600.00 | 6,840.00 | 13,712.81 | 6,840.00 | 208.54 | 208.83 | -90.00 | -1,627.40 | -8,510.37 | 659.24 | 244.01 | 415.23 | 1.588 | | |
| 13,700.00 | 6,840.00 | 13,812.81 | 6,840.00 | 211.22 | 211.48 | -90.00 | -1,626.91 | -8,610.37 | 659.23 | 238.64 | 420.59 | 1.567 | | |
| 13,800.00 | 6,840.00 | 13,912.81 | 6,840.00 | 213.89 | 214.14 | -90.00 | -1,626.43 | -8,710.37 | 659.22 | 233.27 | 425.95 | 1.548 | | |
| 13,900.00 | 6,840.00 | 14,012.81 | 6,840.00 | 216.56 | 216.80 | -90.00 | -1,625.94 | -8,810.37 | 659.21 | 227.90 | 431.31 | 1.528 | | |
| 14,000.00 | 6,840.00 | 14,112.81 | 6,840.00 | 219.24 | 219.46 | -90.00 | -1,625.45 | -8,910.37 | 659.20 | 222.53 | 436.67 | 1.510 | | |
| 14,100.00 | 6,840.00 | 14,212.81 | 6,840.00 | 221.92 | 222.13 | -90.00 | -1,624.97 | -9,010.37 | 659.20 | 217.15 | 442.04 | 1.491 Level 3 | | |
| 14,200.00 | 6,840.00 | 14,312.81 | 6,840.00 | 224.59 | 224.79 | -90.00 | -1,624.48 | -9,110.37 | 659.19 | 211.78 | 447.41 | 1.473 Level 3 | | |
| 14,300.00 | 6,840.00 | 14,412.81 | 6,840.00 | 227.27 | 227.46 | -90.00 | -1,624.00 | -9,210.36 | 659.18 | 206.40 | 452.78 | 1.456 Level 3 | | |
| 14,400.00 | 6,840.00 | 14,512.81 | 6,840.00 | 229.95 | 230.12 | -90.00 | -1,623.51 | -9,310.36 | 659.17 | 201.02 | 458.15 | 1.439 Level 3 | | |
| 14,500.00 | 6,840.00 | 14,612.81 | 6,840.00 | 232.63 | 232.79 | -90.00 | -1,623.02 | -9,410.36 | 659.16 | 195.64 | 463.52 | 1.422 Level 3 | | |
| 14,600.00 | 6,840.00 | 14,712.81 | 6,840.00 | 235.31 | 235.46 | -90.00 | -1,622.54 | -9,510.36 | 659.15 | 190.25 | 468.90 | 1.406 Level 3 | | |
| 14,700.00 | 6,840.00 | 14,812.81 | 6,840.00 | 238.00 | 238.13 | -90.00 | -1,622.05 | -9,610.36 | 659.14 | 184.87 | 474.28 | 1.390 Level 3 | | |
| 14,800.00 | 6,840.00 | 14,912.81 | 6,840.00 | 240.68 | 240.80 | -90.00 | -1,621.57 | -9,710.36 | 659.14 | 179.48 | 479.65 | 1.374 Level 3 | | |
| 14,900.00 | 6,840.00 | 15,012.81 | 6,840.00 | 243.36 | 243.47 | -90.00 | -1,621.08 | -9,810.36 | 659.13 | 174.09 | 485.03 | 1.359 Level 3 | | |
| 15,000.00 | 6,840.00 | 15,112.81 | 6,840.00 | 246.05 | 246.15 | -90.00 | -1,620.59 | -9,910.36 | 659.12 | 168.71 | 490.41 | 1.344 Level 3 | | |
| 15,100.00 | 6,840.00 | 15,212.81 | 6,840.00 | 248.74 | 248.82 | -90.00 | -1,620.11 | -10,010.35 | 659.11 | 163.32 | 495.79 | 1.329 Level 3 | | |
| 15,200.00 | 6,840.00 | 15,312.81 | 6,840.00 | 251.42 | 251.50 | -90.00 | -1,619.62 | -10,110.35 | 659.10 | 157.92 | 501.18 | 1.315 Level 3 | | |
| 15,300.00 | 6,840.00 | 15,412.81 | 6,840.00 | 254.11 | 254.17 | -90.00 | -1,619.14 | -10,210.35 | 659.09 | 152.53 | 506.56 | 1.301 Level 3 | | |
| 15,400.00 | 6,840.00 | 15,512.81 | 6,840.00 | 256.80 | 256.85 | -90.00 | -1,618.65 | -10,310.35 | 659.08 | 147.14 | 511.95 | 1.287 Level 3 | | |
| 15,500.00 | 6,840.00 | 15,612.81 | 6,840.00 | 259.49 | 259.53 | -90.00 | -1,618.17 | -10,410.35 | 659.08 | 141.74 | 517.33 | 1.274 Level 3 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-15 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,600.00 | 6,840.00 | 15,712.81 | 6,840.00 | 262.17 | 262.21 | -90.00 | -1,617.68 | -10,510.35 | 659.07 | 136.35 | 522.72 | 1.261 | Level 3 | |
| 15,700.00 | 6,840.00 | 15,812.81 | 6,840.00 | 264.86 | 264.89 | -90.00 | -1,617.19 | -10,610.35 | 659.06 | 130.95 | 528.11 | 1.248 | Level 2 | |
| 15,800.00 | 6,840.00 | 15,912.81 | 6,840.00 | 267.55 | 267.57 | -90.00 | -1,616.71 | -10,710.35 | 659.05 | 125.55 | 533.50 | 1.235 | Level 2 | |
| 15,900.00 | 6,840.00 | 16,012.81 | 6,840.00 | 270.25 | 270.25 | -90.00 | -1,616.22 | -10,810.35 | 659.04 | 120.15 | 538.89 | 1.223 | Level 2 | |
| 16,000.00 | 6,840.00 | 16,112.81 | 6,840.00 | 272.94 | 272.94 | -90.00 | -1,615.74 | -10,910.34 | 659.03 | 114.75 | 544.28 | 1.211 | Level 2 | |
| 16,100.00 | 6,840.00 | 16,212.81 | 6,840.00 | 275.63 | 275.62 | -90.00 | -1,615.25 | -11,010.34 | 659.02 | 109.35 | 549.67 | 1.199 | Level 2 | |
| 16,200.00 | 6,840.00 | 16,312.81 | 6,840.00 | 278.32 | 278.30 | -90.00 | -1,614.76 | -11,110.34 | 659.02 | 103.95 | 555.07 | 1.187 | Level 2 | |
| 16,300.00 | 6,840.00 | 16,412.81 | 6,840.00 | 281.02 | 280.99 | -90.00 | -1,614.28 | -11,210.34 | 659.01 | 98.54 | 560.46 | 1.176 | Level 2 | |
| 16,400.00 | 6,840.00 | 16,512.81 | 6,840.00 | 283.71 | 283.67 | -90.00 | -1,613.79 | -11,310.34 | 659.00 | 93.14 | 565.86 | 1.165 | Level 2 | |
| 16,500.00 | 6,840.00 | 16,612.81 | 6,840.00 | 286.40 | 286.36 | -90.00 | -1,613.31 | -11,410.34 | 658.99 | 87.74 | 571.25 | 1.154 | Level 2 | |
| 16,600.00 | 6,840.00 | 16,712.81 | 6,840.00 | 289.10 | 289.05 | -90.00 | -1,612.82 | -11,510.34 | 658.98 | 82.33 | 576.65 | 1.143 | Level 2 | |
| 16,700.00 | 6,840.00 | 16,812.81 | 6,840.00 | 291.79 | 291.73 | -90.00 | -1,612.33 | -11,610.34 | 658.97 | 76.92 | 582.05 | 1.132 | Level 2 | |
| 16,800.00 | 6,840.00 | 16,912.81 | 6,840.00 | 294.49 | 294.42 | -90.00 | -1,611.85 | -11,710.33 | 658.96 | 71.52 | 587.45 | 1.122 | Level 2 | |
| 16,900.00 | 6,840.00 | 17,012.81 | 6,840.00 | 297.19 | 297.11 | -90.00 | -1,611.36 | -11,810.33 | 658.96 | 66.11 | 592.85 | 1.112 | Level 2 | |
| 17,000.00 | 6,840.00 | 17,112.81 | 6,840.00 | 299.88 | 299.80 | -90.00 | -1,610.88 | -11,910.33 | 658.95 | 60.70 | 598.25 | 1.101 | Level 2 | |
| 17,100.00 | 6,840.00 | 17,212.81 | 6,840.00 | 302.58 | 302.49 | -90.00 | -1,610.39 | -12,010.33 | 658.94 | 55.29 | 603.65 | 1.092 | Level 2 | |
| 17,200.00 | 6,840.00 | 17,312.81 | 6,840.00 | 305.28 | 305.18 | -90.00 | -1,609.90 | -12,110.33 | 658.93 | 49.88 | 609.05 | 1.082 | Level 2 | |
| 17,300.00 | 6,840.00 | 17,412.81 | 6,840.00 | 307.97 | 307.87 | -90.00 | -1,609.42 | -12,210.33 | 658.92 | 44.47 | 614.45 | 1.072 | Level 2 | |
| 17,400.00 | 6,840.00 | 17,512.81 | 6,840.00 | 310.67 | 310.56 | -90.00 | -1,608.93 | -12,310.33 | 658.91 | 39.06 | 619.85 | 1.063 | Level 2 | |
| 17,500.00 | 6,840.00 | 17,612.81 | 6,840.00 | 313.37 | 313.25 | -90.00 | -1,608.45 | -12,410.33 | 658.90 | 33.65 | 625.26 | 1.054 | Level 2 | |
| 17,600.00 | 6,840.00 | 17,712.81 | 6,840.00 | 316.07 | 315.95 | -90.00 | -1,607.96 | -12,510.33 | 658.90 | 28.23 | 630.66 | 1.045 | Level 2 | |
| 17,700.00 | 6,840.00 | 17,812.81 | 6,840.00 | 318.77 | 318.64 | -90.00 | -1,607.48 | -12,610.32 | 658.89 | 22.82 | 636.07 | 1.036 | Level 2 | |
| 17,800.00 | 6,840.00 | 17,912.81 | 6,840.00 | 321.47 | 321.33 | -90.00 | -1,606.99 | -12,710.32 | 658.88 | 17.41 | 641.47 | 1.027 | Level 2 | |
| 17,900.00 | 6,840.00 | 18,012.81 | 6,840.00 | 324.17 | 324.03 | -90.00 | -1,606.50 | -12,810.32 | 658.87 | 11.99 | 646.88 | 1.019 | Level 2 | |
| 18,000.00 | 6,840.00 | 18,112.81 | 6,840.00 | 326.87 | 326.72 | -90.00 | -1,606.02 | -12,910.32 | 658.86 | 6.58 | 652.28 | 1.010 | Level 2 | |
| 18,100.00 | 6,840.00 | 18,212.81 | 6,840.00 | 329.57 | 329.42 | -90.00 | -1,605.53 | -13,010.32 | 658.85 | 1.16 | 657.69 | 1.002 | Level 2 | |
| 18,200.00 | 6,840.00 | 18,312.81 | 6,840.00 | 332.27 | 332.11 | -90.00 | -1,605.05 | -13,110.32 | 658.84 | -4.25 | 663.10 | 0.994 | Level 1 | |
| 18,300.00 | 6,840.00 | 18,412.81 | 6,840.00 | 334.97 | 334.81 | -90.00 | -1,604.56 | -13,210.32 | 658.84 | -9.67 | 668.51 | 0.986 | Level 1 | |
| 18,400.00 | 6,840.00 | 18,512.81 | 6,840.00 | 337.67 | 337.50 | -90.00 | -1,604.07 | -13,310.32 | 658.83 | -15.09 | 673.91 | 0.978 | Level 1 | |
| 18,500.00 | 6,840.00 | 18,612.81 | 6,840.00 | 340.38 | 340.20 | -90.00 | -1,603.59 | -13,410.31 | 658.82 | -20.50 | 679.32 | 0.970 | Level 1 | |
| 18,600.00 | 6,840.00 | 18,712.81 | 6,840.00 | 343.08 | 342.89 | -90.00 | -1,603.10 | -13,510.31 | 658.81 | -25.92 | 684.73 | 0.962 | Level 1 | |
| 18,700.00 | 6,840.00 | 18,812.81 | 6,840.00 | 345.78 | 345.59 | -90.00 | -1,602.62 | -13,610.31 | 658.80 | -31.34 | 690.14 | 0.955 | Level 1 | |
| 18,800.00 | 6,840.00 | 18,912.81 | 6,840.00 | 348.48 | 348.29 | -90.00 | -1,602.13 | -13,710.31 | 658.79 | -36.76 | 695.55 | 0.947 | Level 1 | |
| 18,900.00 | 6,840.00 | 19,012.81 | 6,840.00 | 351.19 | 350.99 | -90.00 | -1,601.64 | -13,810.31 | 658.78 | -42.18 | 700.96 | 0.940 | Level 1 | |
| 19,000.00 | 6,840.00 | 19,112.81 | 6,840.00 | 353.89 | 353.69 | -90.00 | -1,601.16 | -13,910.31 | 658.78 | -47.60 | 706.38 | 0.933 | Level 1 | |
| 19,100.00 | 6,840.00 | 19,212.81 | 6,840.00 | 356.59 | 356.38 | -90.00 | -1,600.67 | -14,010.31 | 658.77 | -53.02 | 711.79 | 0.926 | Level 1 | |
| 19,200.00 | 6,840.00 | 19,312.81 | 6,840.00 | 359.30 | 359.08 | -90.00 | -1,600.19 | -14,110.31 | 658.76 | -58.44 | 717.20 | 0.919 | Level 1 | |
| 19,300.00 | 6,840.00 | 19,412.81 | 6,840.00 | 362.00 | 361.78 | -90.00 | -1,599.70 | -14,210.31 | 658.75 | -63.86 | 722.61 | 0.912 | Level 1 | |
| 19,400.00 | 6,840.00 | 19,512.81 | 6,840.00 | 364.71 | 364.48 | -90.00 | -1,599.21 | -14,310.30 | 658.74 | -69.28 | 728.02 | 0.905 | Level 1 | |
| 19,500.00 | 6,840.00 | 19,612.81 | 6,840.00 | 367.41 | 367.18 | -90.00 | -1,598.73 | -14,410.30 | 658.73 | -74.70 | 733.44 | 0.898 | Level 1 | |
| 19,600.00 | 6,840.00 | 19,712.81 | 6,840.00 | 370.11 | 369.88 | -90.00 | -1,598.24 | -14,510.30 | 658.72 | -80.13 | 738.85 | 0.892 | Level 1 | |
| 19,700.00 | 6,840.00 | 19,812.81 | 6,840.00 | 372.82 | 372.58 | -90.00 | -1,597.76 | -14,610.30 | 658.72 | -85.55 | 744.27 | 0.885 | Level 1 | |
| 19,800.00 | 6,840.00 | 19,912.81 | 6,840.00 | 375.53 | 375.28 | -90.00 | -1,597.27 | -14,710.30 | 658.71 | -90.97 | 749.68 | 0.879 | Level 1 | |
| 19,900.00 | 6,840.00 | 20,012.81 | 6,840.00 | 378.23 | 377.98 | -90.00 | -1,596.79 | -14,810.30 | 658.70 | -96.40 | 755.10 | 0.872 | Level 1 | |
| 20,000.00 | 6,840.00 | 20,112.81 | 6,840.00 | 380.94 | 380.68 | -90.00 | -1,596.30 | -14,910.30 | 658.69 | -101.82 | 760.51 | 0.866 | Level 1 | |
| 20,100.00 | 6,840.00 | 20,212.81 | 6,840.00 | 383.64 | 383.38 | -90.00 | -1,595.81 | -15,010.30 | 658.68 | -107.24 | 765.93 | 0.860 | Level 1 | |
| 20,200.00 | 6,840.00 | 20,312.81 | 6,840.00 | 386.35 | 386.09 | -90.00 | -1,595.33 | -15,110.29 | 658.67 | -112.67 | 771.34 | 0.854 | Level 1 | |
| 20,300.00 | 6,840.00 | 20,412.81 | 6,840.00 | 389.05 | 388.79 | -90.00 | -1,594.84 | -15,210.29 | 658.67 | -118.09 | 776.76 | 0.848 | Level 1 | |
| 20,400.00 | 6,840.00 | 20,512.81 | 6,840.00 | 391.76 | 391.49 | -90.00 | -1,594.36 | -15,310.29 | 658.66 | -123.52 | 782.17 | 0.842 | Level 1 | |
| 20,442.82 | 6,840.00 | 20,555.63 | 6,840.00 | 392.92 | 392.65 | -90.00 | -1,594.15 | -15,353.11 | 658.65 | -125.84 | 784.49 | 0.840 | Level 1, ES, SF | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-16 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 1.00 | 1.00 | 0.00 | 0.00 | 180.00 | -67.40 | 0.00 | 67.40 | | | | | |
| 100.00 | 100.00 | 101.00 | 101.00 | 0.13 | 0.14 | 180.00 | -67.40 | 0.00 | 67.40 | 67.13 | 0.27 | 249.432 | CC, ES | |
| 200.00 | 200.00 | 199.36 | 199.34 | 0.49 | 0.48 | -178.95 | -68.57 | -1.26 | 68.60 | 67.63 | 0.98 | 70.086 | | |
| 300.00 | 300.00 | 297.51 | 297.35 | 0.85 | 0.84 | -176.05 | -72.04 | -4.97 | 72.31 | 70.61 | 1.69 | 42.752 | | |
| 400.00 | 400.00 | 395.19 | 394.67 | 1.21 | 1.20 | -171.88 | -77.77 | -11.10 | 78.81 | 76.40 | 2.41 | 32.698 | | |
| 500.00 | 500.00 | 492.19 | 490.97 | 1.57 | 1.59 | -167.13 | -85.70 | -19.58 | 88.48 | 85.35 | 3.13 | 28.264 | | |
| 600.00 | 599.98 | 588.55 | 586.19 | 1.92 | 2.00 | -47.14 | -95.77 | -30.36 | 100.37 | 96.54 | 3.83 | 26.185 | | |
| 700.00 | 699.84 | 684.45 | 680.40 | 2.26 | 2.44 | -44.27 | -107.96 | -43.41 | 113.16 | 108.63 | 4.53 | 24.992 | | |
| 800.00 | 799.45 | 779.89 | 773.52 | 2.62 | 2.92 | -42.37 | -122.22 | -58.67 | 126.59 | 121.35 | 5.23 | 24.192 | | |
| 900.00 | 898.70 | 874.86 | 865.45 | 2.99 | 3.42 | -41.18 | -138.51 | -76.10 | 140.52 | 134.56 | 5.95 | 23.612 | | |
| 1,000.00 | 997.47 | 969.36 | 956.08 | 3.39 | 3.96 | -40.51 | -156.77 | -95.64 | 154.86 | 148.17 | 6.68 | 23.171 | | |
| 1,100.00 | 1,095.62 | 1,063.40 | 1,045.34 | 3.81 | 4.55 | -40.23 | -176.96 | -117.25 | 169.56 | 162.12 | 7.44 | 22.782 | | |
| 1,200.00 | 1,193.06 | 1,156.96 | 1,133.14 | 4.27 | 5.17 | -40.25 | -199.02 | -140.86 | 184.60 | 176.36 | 8.23 | 22.424 | | |
| 1,300.00 | 1,289.64 | 1,250.06 | 1,219.41 | 4.77 | 5.83 | -40.49 | -222.90 | -166.41 | 199.95 | 190.90 | 9.06 | 22.074 | | |
| 1,400.00 | 1,385.27 | 1,343.10 | 1,304.45 | 5.31 | 6.54 | -40.91 | -248.66 | -193.98 | 215.62 | 205.69 | 9.93 | 21.709 | | |
| 1,500.00 | 1,479.82 | 1,441.98 | 1,394.27 | 5.91 | 7.32 | -41.72 | -276.90 | -224.21 | 229.99 | 219.04 | 10.96 | 20.993 | | |
| 1,600.00 | 1,573.19 | 1,541.08 | 1,484.28 | 6.55 | 8.11 | -43.03 | -305.21 | -254.51 | 241.94 | 229.87 | 12.06 | 20.059 | | |
| 1,700.00 | 1,666.16 | 1,640.24 | 1,574.34 | 7.23 | 8.92 | -44.51 | -333.54 | -284.82 | 253.21 | 239.98 | 13.23 | 19.136 | | |
| 1,800.00 | 1,759.13 | 1,739.40 | 1,664.40 | 7.93 | 9.72 | -45.86 | -361.86 | -315.13 | 264.64 | 250.20 | 14.44 | 18.325 | | |
| 1,900.00 | 1,852.10 | 1,838.56 | 1,754.47 | 8.64 | 10.53 | -47.11 | -390.19 | -345.45 | 276.20 | 260.52 | 15.68 | 17.612 | | |
| 2,000.00 | 1,945.06 | 1,937.71 | 1,844.53 | 9.35 | 11.35 | -48.25 | -418.51 | -375.76 | 287.88 | 270.93 | 16.95 | 16.982 | | |
| 2,100.00 | 2,038.03 | 2,036.87 | 1,934.59 | 10.08 | 12.16 | -49.30 | -446.84 | -406.07 | 299.67 | 281.42 | 18.25 | 16.424 | | |
| 2,200.00 | 2,131.00 | 2,136.03 | 2,024.65 | 10.81 | 12.98 | -50.28 | -475.16 | -436.38 | 311.54 | 291.98 | 19.56 | 15.928 | | |
| 2,300.00 | 2,223.97 | 2,235.19 | 2,114.71 | 11.54 | 13.80 | -51.18 | -503.48 | -466.70 | 323.50 | 302.61 | 20.89 | 15.485 | | |
| 2,400.00 | 2,316.94 | 2,334.35 | 2,204.78 | 12.28 | 14.62 | -52.01 | -531.81 | -497.01 | 335.54 | 313.30 | 22.24 | 15.089 | | |
| 2,500.00 | 2,409.90 | 2,433.50 | 2,294.84 | 13.02 | 15.44 | -52.79 | -560.13 | -527.32 | 347.64 | 324.04 | 23.60 | 14.732 | | |
| 2,600.00 | 2,502.87 | 2,532.66 | 2,384.90 | 13.77 | 16.26 | -53.52 | -588.46 | -557.63 | 359.80 | 334.83 | 24.97 | 14.410 | | |
| 2,700.00 | 2,595.84 | 2,631.82 | 2,474.96 | 14.51 | 17.09 | -54.20 | -616.78 | -587.95 | 372.01 | 345.66 | 26.35 | 14.118 | | |
| 2,800.00 | 2,688.81 | 2,730.98 | 2,565.02 | 15.26 | 17.91 | -54.84 | -645.11 | -618.26 | 384.27 | 356.53 | 27.74 | 13.853 | | |
| 2,900.00 | 2,781.77 | 2,830.13 | 2,655.08 | 16.01 | 18.74 | -55.44 | -673.43 | -648.57 | 396.57 | 367.44 | 29.14 | 13.611 | | |
| 3,000.00 | 2,874.74 | 2,929.29 | 2,745.15 | 16.76 | 19.56 | -56.00 | -701.75 | -678.88 | 408.92 | 378.38 | 30.54 | 13.389 | | |
| 3,100.00 | 2,967.71 | 3,028.45 | 2,835.21 | 17.52 | 20.39 | -56.52 | -730.08 | -709.20 | 421.30 | 389.35 | 31.95 | 13.185 | | |
| 3,200.00 | 3,060.68 | 3,127.61 | 2,925.27 | 18.27 | 21.21 | -57.02 | -758.40 | -739.51 | 433.71 | 400.34 | 33.37 | 12.998 | | |
| 3,300.00 | 3,153.65 | 3,226.77 | 3,015.33 | 19.03 | 22.04 | -57.49 | -786.73 | -769.82 | 446.16 | 411.37 | 34.79 | 12.825 | | |
| 3,400.00 | 3,246.61 | 3,325.92 | 3,105.39 | 19.78 | 22.87 | -57.94 | -815.05 | -800.13 | 458.63 | 422.42 | 36.21 | 12.664 | | |
| 3,500.00 | 3,339.58 | 3,425.08 | 3,195.46 | 20.54 | 23.69 | -58.36 | -843.38 | -830.45 | 471.13 | 433.49 | 37.64 | 12.516 | | |
| 3,600.00 | 3,432.55 | 3,524.24 | 3,285.52 | 21.30 | 24.52 | -58.76 | -871.70 | -860.76 | 483.65 | 444.58 | 39.08 | 12.377 | | |
| 3,700.00 | 3,525.52 | 3,623.40 | 3,375.58 | 22.06 | 25.35 | -59.14 | -900.03 | -891.07 | 496.20 | 455.68 | 40.51 | 12.248 | | |
| 3,800.00 | 3,618.49 | 3,722.55 | 3,465.64 | 22.82 | 26.18 | -59.50 | -928.35 | -921.38 | 508.76 | 466.81 | 41.95 | 12.127 | | |
| 3,900.00 | 3,711.45 | 3,821.71 | 3,555.70 | 23.57 | 27.01 | -59.84 | -956.67 | -951.70 | 521.34 | 477.95 | 43.39 | 12.015 | | |
| 4,000.00 | 3,804.42 | 3,920.87 | 3,645.77 | 24.33 | 27.83 | -60.17 | -985.00 | -982.01 | 533.95 | 489.11 | 44.84 | 11.909 | | |
| 4,100.00 | 3,897.39 | 4,020.03 | 3,735.83 | 25.09 | 28.66 | -60.48 | -1,013.32 | -1,012.32 | 546.56 | 500.28 | 46.28 | 11.809 | | |
| 4,200.00 | 3,990.36 | 4,119.19 | 3,825.89 | 25.86 | 29.49 | -60.78 | -1,041.65 | -1,042.63 | 559.20 | 511.47 | 47.73 | 11.716 | | |
| 4,300.00 | 4,083.32 | 4,218.34 | 3,915.95 | 26.62 | 30.32 | -61.06 | -1,069.97 | -1,072.95 | 571.84 | 522.66 | 49.18 | 11.627 | | |
| 4,400.00 | 4,176.29 | 4,317.50 | 4,006.01 | 27.38 | 31.15 | -61.34 | -1,098.30 | -1,103.26 | 584.50 | 533.87 | 50.63 | 11.544 | | |
| 4,500.00 | 4,269.26 | 4,416.66 | 4,096.08 | 28.14 | 31.98 | -61.60 | -1,126.62 | -1,133.57 | 597.18 | 545.09 | 52.08 | 11.465 | | |
| 4,600.00 | 4,362.23 | 4,515.82 | 4,186.14 | 28.90 | 32.81 | -61.85 | -1,154.95 | -1,163.88 | 609.86 | 556.32 | 53.54 | 11.391 | | |
| 4,700.00 | 4,455.20 | 4,614.97 | 4,276.20 | 29.66 | 33.63 | -62.09 | -1,183.27 | -1,194.19 | 622.56 | 567.56 | 55.00 | 11.320 | | |
| 4,800.00 | 4,548.16 | 4,714.13 | 4,366.26 | 30.43 | 34.46 | -62.32 | -1,211.59 | -1,224.51 | 635.26 | 578.81 | 56.45 | 11.253 | | |
| 4,900.00 | 4,641.13 | 4,813.29 | 4,456.32 | 31.19 | 35.29 | -62.54 | -1,239.92 | -1,254.82 | 647.98 | 590.07 | 57.91 | 11.189 | | |
| 5,000.00 | 4,734.10 | 4,912.45 | 4,546.39 | 31.95 | 36.12 | -62.75 | -1,268.24 | -1,285.13 | 660.70 | 601.33 | 59.37 | 11.129 | | |
| 5,100.00 | 4,827.07 | 5,011.61 | 4,636.45 | 32.71 | 36.95 | -62.96 | -1,296.57 | -1,315.44 | 673.44 | 612.61 | 60.83 | 11.071 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-16 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 5,110.76 | 4,726.51 | 33.48 | 37.78 | -63.15 | -1,324.89 | -1,345.76 | 686.18 | 623.89 | 62.29 | 11.016 | | |
| 5,300.00 | 5,013.00 | 5,209.92 | 4,816.57 | 34.24 | 38.61 | -63.34 | -1,353.22 | -1,376.07 | 698.93 | 635.17 | 63.75 | 10.963 | | |
| 5,400.00 | 5,105.97 | 5,309.08 | 4,906.63 | 35.00 | 39.44 | -63.53 | -1,381.54 | -1,406.38 | 711.68 | 646.47 | 65.22 | 10.913 | | |
| 5,500.00 | 5,198.94 | 5,408.24 | 4,996.70 | 35.77 | 40.27 | -63.70 | -1,409.86 | -1,436.69 | 724.45 | 657.77 | 66.68 | 10.865 | | |
| 5,600.00 | 5,291.91 | 5,507.40 | 5,086.76 | 36.53 | 41.10 | -63.87 | -1,438.19 | -1,467.01 | 737.22 | 669.07 | 68.14 | 10.819 | | |
| 5,700.00 | 5,384.87 | 5,606.55 | 5,176.82 | 37.29 | 41.93 | -64.04 | -1,466.51 | -1,497.32 | 749.99 | 680.38 | 69.61 | 10.775 | | |
| 5,800.00 | 5,477.84 | 5,705.71 | 5,266.88 | 38.06 | 42.76 | -64.20 | -1,494.84 | -1,527.63 | 762.77 | 691.70 | 71.07 | 10.732 | | |
| 5,900.00 | 5,570.81 | 5,804.87 | 5,356.94 | 38.82 | 43.59 | -64.35 | -1,523.16 | -1,557.94 | 775.56 | 703.02 | 72.54 | 10.692 | | |
| 6,000.00 | 5,663.78 | 5,904.03 | 5,447.01 | 39.59 | 44.42 | -64.50 | -1,551.49 | -1,588.26 | 788.35 | 714.35 | 74.00 | 10.653 | | |
| 6,100.00 | 5,756.75 | 6,003.18 | 5,537.07 | 40.35 | 45.25 | -64.65 | -1,579.81 | -1,618.57 | 801.15 | 725.68 | 75.47 | 10.615 | | |
| 6,200.00 | 5,849.71 | 6,102.34 | 5,627.13 | 41.12 | 46.08 | -64.78 | -1,608.14 | -1,648.88 | 813.96 | 737.02 | 76.94 | 10.579 | | |
| 6,300.00 | 5,942.68 | 6,201.50 | 5,717.19 | 41.88 | 46.91 | -64.92 | -1,636.46 | -1,679.19 | 826.76 | 748.36 | 78.41 | 10.545 | | |
| 6,400.00 | 6,035.65 | 6,300.66 | 5,807.25 | 42.64 | 47.74 | -65.05 | -1,664.78 | -1,709.51 | 839.57 | 759.70 | 79.88 | 10.511 | | |
| 6,500.00 | 6,128.62 | 6,399.82 | 5,897.32 | 43.41 | 48.57 | -65.18 | -1,693.11 | -1,739.82 | 852.39 | 771.05 | 81.34 | 10.479 | | |
| 6,600.00 | 6,221.59 | 6,498.97 | 5,987.38 | 44.17 | 49.40 | -65.30 | -1,721.43 | -1,770.13 | 865.21 | 782.40 | 82.81 | 10.448 | | |
| 6,700.00 | 6,314.55 | 6,601.87 | 6,077.44 | 44.94 | 50.26 | -65.42 | -1,749.76 | -1,800.44 | 878.03 | 793.73 | 84.31 | 10.415 | | |
| 6,800.00 | 6,407.52 | 6,702.71 | 6,167.50 | 45.70 | 51.11 | -65.54 | -1,778.08 | -1,830.76 | 890.86 | 805.07 | 85.79 | 10.384 | | |
| 6,900.00 | 6,499.98 | 6,803.63 | 6,257.50 | 46.49 | 51.95 | -69.31 | -1,806.39 | -1,861.05 | 903.78 | 816.43 | 87.35 | 10.347 | | |
| 7,000.00 | 6,586.50 | 6,906.24 | 6,345.95 | 47.49 | 52.81 | -75.11 | -1,834.20 | -1,890.82 | 917.56 | 827.91 | 89.64 | 10.236 | | |
| 7,100.00 | 6,663.58 | 6,986.51 | 6,430.19 | 48.75 | 53.48 | -78.86 | -1,860.70 | -1,919.17 | 932.92 | 840.32 | 92.60 | 10.075 | | |
| 7,200.00 | 6,728.87 | 7,099.52 | 6,530.97 | 50.23 | 54.50 | -82.28 | -1,892.36 | -1,958.98 | 950.31 | 853.78 | 96.53 | 9.845 | | |
| 7,300.00 | 6,780.38 | 7,244.99 | 6,646.96 | 51.91 | 56.16 | -85.45 | -1,928.64 | -2,038.21 | 966.98 | 866.26 | 100.73 | 9.600 | | |
| 7,400.00 | 6,816.56 | 7,415.88 | 6,753.82 | 53.74 | 58.56 | -88.02 | -1,961.79 | -2,166.54 | 980.70 | 876.30 | 104.39 | 9.394 | | |
| 7,500.00 | 6,836.29 | 7,610.94 | 6,825.75 | 55.65 | 61.67 | -89.64 | -1,983.65 | -2,345.52 | 989.02 | 882.02 | 106.99 | 9.244 | | |
| 7,600.00 | 6,840.00 | 7,778.68 | 6,840.00 | 57.58 | 64.43 | -89.94 | -1,987.33 | -2,512.13 | 990.54 | 880.97 | 109.57 | 9.040 | | |
| 7,700.00 | 6,840.00 | 7,878.68 | 6,840.00 | 59.56 | 66.11 | -89.94 | -1,986.84 | -2,612.13 | 990.52 | 876.82 | 113.70 | 8.712 | | |
| 7,800.00 | 6,840.00 | 7,978.68 | 6,840.00 | 61.60 | 67.86 | -89.94 | -1,986.34 | -2,712.13 | 990.50 | 872.56 | 117.94 | 8.399 | | |
| 7,900.00 | 6,840.00 | 8,078.68 | 6,840.00 | 63.69 | 69.67 | -89.94 | -1,985.85 | -2,812.13 | 990.49 | 868.22 | 122.27 | 8.101 | | |
| 8,000.00 | 6,840.00 | 8,178.68 | 6,840.00 | 65.82 | 71.53 | -89.94 | -1,985.35 | -2,912.13 | 990.47 | 863.78 | 126.69 | 7.818 | | |
| 8,100.00 | 6,840.00 | 8,278.68 | 6,840.00 | 67.99 | 73.44 | -89.94 | -1,984.86 | -3,012.13 | 990.45 | 859.27 | 131.18 | 7.550 | | |
| 8,200.00 | 6,840.00 | 8,378.68 | 6,840.00 | 70.21 | 75.41 | -89.94 | -1,984.37 | -3,112.13 | 990.43 | 854.69 | 135.74 | 7.296 | | |
| 8,300.00 | 6,840.00 | 8,478.68 | 6,840.00 | 72.45 | 77.42 | -89.94 | -1,983.87 | -3,212.13 | 990.42 | 850.05 | 140.37 | 7.056 | | |
| 8,400.00 | 6,840.00 | 8,578.68 | 6,840.00 | 74.73 | 79.47 | -89.94 | -1,983.38 | -3,312.13 | 990.40 | 845.35 | 145.05 | 6.828 | | |
| 8,500.00 | 6,840.00 | 8,678.68 | 6,840.00 | 77.04 | 81.56 | -89.94 | -1,982.88 | -3,412.12 | 990.38 | 840.60 | 149.78 | 6.612 | | |
| 8,600.00 | 6,840.00 | 8,778.68 | 6,840.00 | 79.38 | 83.69 | -89.94 | -1,982.39 | -3,512.12 | 990.37 | 835.80 | 154.56 | 6.408 | | |
| 8,700.00 | 6,840.00 | 8,878.68 | 6,840.00 | 81.74 | 85.85 | -89.94 | -1,981.89 | -3,612.12 | 990.35 | 830.96 | 159.39 | 6.214 | | |
| 8,800.00 | 6,840.00 | 8,978.68 | 6,840.00 | 84.12 | 88.05 | -89.94 | -1,981.40 | -3,712.12 | 990.33 | 826.09 | 164.25 | 6.030 | | |
| 8,900.00 | 6,840.00 | 9,078.68 | 6,840.00 | 86.52 | 90.28 | -89.94 | -1,980.90 | -3,812.12 | 990.31 | 821.17 | 169.14 | 5.855 | | |
| 9,000.00 | 6,840.00 | 9,178.68 | 6,840.00 | 88.94 | 92.53 | -89.94 | -1,980.41 | -3,912.12 | 990.30 | 816.23 | 174.07 | 5.689 | | |
| 9,100.00 | 6,840.00 | 9,278.68 | 6,840.00 | 91.38 | 94.81 | -89.94 | -1,979.92 | -4,012.12 | 990.28 | 811.25 | 179.03 | 5.531 | | |
| 9,200.00 | 6,840.00 | 9,378.68 | 6,840.00 | 93.83 | 97.11 | -89.94 | -1,979.42 | -4,112.12 | 990.26 | 806.25 | 184.01 | 5.381 | | |
| 9,300.00 | 6,840.00 | 9,478.68 | 6,840.00 | 96.30 | 99.44 | -89.94 | -1,978.93 | -4,212.11 | 990.25 | 801.22 | 189.02 | 5.239 | | |
| 9,400.00 | 6,840.00 | 9,578.68 | 6,840.00 | 98.79 | 101.78 | -89.94 | -1,978.43 | -4,312.11 | 990.23 | 796.17 | 194.06 | 5.103 | | |
| 9,500.00 | 6,840.00 | 9,678.68 | 6,840.00 | 101.28 | 104.15 | -89.94 | -1,977.94 | -4,412.11 | 990.21 | 791.10 | 199.11 | 4.973 | | |
| 9,600.00 | 6,840.00 | 9,778.68 | 6,840.00 | 103.79 | 106.53 | -89.94 | -1,977.44 | -4,512.11 | 990.20 | 786.01 | 204.19 | 4.849 | | |
| 9,700.00 | 6,840.00 | 9,878.68 | 6,840.00 | 106.30 | 108.93 | -89.94 | -1,976.95 | -4,612.11 | 990.18 | 780.90 | 209.28 | 4.731 | | |
| 9,800.00 | 6,840.00 | 9,978.68 | 6,840.00 | 108.83 | 111.35 | -89.94 | -1,976.45 | -4,712.11 | 990.16 | 775.77 | 214.39 | 4.619 | | |
| 9,900.00 | 6,840.00 | 10,078.68 | 6,840.00 | 111.37 | 113.78 | -89.94 | -1,975.96 | -4,812.11 | 990.14 | 770.63 | 219.51 | 4.511 | | |
| 10,000.00 | 6,840.00 | 10,178.68 | 6,840.00 | 113.91 | 116.22 | -89.94 | -1,975.47 | -4,912.11 | 990.13 | 765.47 | 224.65 | 4.407 | | |
| 10,100.00 | 6,840.00 | 10,278.68 | 6,840.00 | 116.47 | 118.68 | -89.94 | -1,974.97 | -5,012.10 | 990.11 | 760.30 | 229.81 | 4.308 | | |
| 10,200.00 | 6,840.00 | 10,378.68 | 6,840.00 | 119.03 | 121.15 | -89.94 | -1,974.48 | -5,112.10 | 990.09 | 755.12 | 234.98 | 4.214 | | |
| 10,300.00 | 6,840.00 | 10,478.68 | 6,840.00 | 121.59 | 123.63 | -89.94 | -1,973.98 | -5,212.10 | 990.08 | 749.92 | 240.16 | 4.123 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-16 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 10,578.68 | 6,840.00 | 124.17 | 126.12 | -89.94 | -1,973.49 | -5,312.10 | 990.06 | 744.71 | 245.35 | 4.035 | | |
| 10,500.00 | 6,840.00 | 10,678.68 | 6,840.00 | 126.75 | 128.62 | -89.94 | -1,972.99 | -5,412.10 | 990.04 | 739.49 | 250.55 | 3.952 | | |
| 10,600.00 | 6,840.00 | 10,778.68 | 6,840.00 | 129.34 | 131.13 | -89.94 | -1,972.50 | -5,512.10 | 990.02 | 734.27 | 255.76 | 3.871 | | |
| 10,700.00 | 6,840.00 | 10,878.68 | 6,840.00 | 131.93 | 133.65 | -89.94 | -1,972.00 | -5,612.10 | 990.01 | 729.03 | 260.98 | 3.793 | | |
| 10,800.00 | 6,840.00 | 10,978.68 | 6,840.00 | 134.53 | 136.18 | -89.94 | -1,971.51 | -5,712.10 | 989.99 | 723.78 | 266.21 | 3.719 | | |
| 10,900.00 | 6,840.00 | 11,078.68 | 6,840.00 | 137.13 | 138.71 | -89.94 | -1,971.02 | -5,812.09 | 989.97 | 718.53 | 271.44 | 3.647 | | |
| 11,000.00 | 6,840.00 | 11,178.68 | 6,840.00 | 139.73 | 141.25 | -89.94 | -1,970.52 | -5,912.09 | 989.96 | 713.27 | 276.69 | 3.578 | | |
| 11,100.00 | 6,840.00 | 11,278.68 | 6,840.00 | 142.35 | 143.80 | -89.94 | -1,970.03 | -6,012.09 | 989.94 | 708.00 | 281.94 | 3.511 | | |
| 11,200.00 | 6,840.00 | 11,378.68 | 6,840.00 | 144.96 | 146.36 | -89.94 | -1,969.53 | -6,112.09 | 989.92 | 702.72 | 287.20 | 3.447 | | |
| 11,300.00 | 6,840.00 | 11,478.68 | 6,840.00 | 147.58 | 148.92 | -89.94 | -1,969.04 | -6,212.09 | 989.90 | 697.44 | 292.47 | 3.385 | | |
| 11,400.00 | 6,840.00 | 11,578.68 | 6,840.00 | 150.20 | 151.49 | -89.94 | -1,968.54 | -6,312.09 | 989.89 | 692.15 | 297.74 | 3.325 | | |
| 11,500.00 | 6,840.00 | 11,678.68 | 6,840.00 | 152.83 | 154.06 | -89.94 | -1,968.05 | -6,412.09 | 989.87 | 686.85 | 303.02 | 3.267 | | |
| 11,600.00 | 6,840.00 | 11,778.68 | 6,840.00 | 155.46 | 156.64 | -89.94 | -1,967.56 | -6,512.09 | 989.85 | 681.55 | 308.30 | 3.211 | | |
| 11,700.00 | 6,840.00 | 11,878.68 | 6,840.00 | 158.09 | 159.22 | -89.94 | -1,967.06 | -6,612.08 | 989.84 | 676.24 | 313.59 | 3.156 | | |
| 11,800.00 | 6,840.00 | 11,978.68 | 6,840.00 | 160.73 | 161.81 | -89.94 | -1,966.57 | -6,712.08 | 989.82 | 670.93 | 318.89 | 3.104 | | |
| 11,900.00 | 6,840.00 | 12,078.68 | 6,840.00 | 163.36 | 164.40 | -89.94 | -1,966.07 | -6,812.08 | 989.80 | 665.62 | 324.19 | 3.053 | | |
| 12,000.00 | 6,840.00 | 12,178.68 | 6,840.00 | 166.01 | 167.00 | -89.94 | -1,965.58 | -6,912.08 | 989.79 | 660.30 | 329.49 | 3.004 | | |
| 12,100.00 | 6,840.00 | 12,278.68 | 6,840.00 | 168.65 | 169.60 | -89.94 | -1,965.08 | -7,012.08 | 989.77 | 654.97 | 334.80 | 2.956 | | |
| 12,200.00 | 6,840.00 | 12,378.68 | 6,840.00 | 171.30 | 172.20 | -89.94 | -1,964.59 | -7,112.08 | 989.75 | 649.64 | 340.11 | 2.910 | | |
| 12,300.00 | 6,840.00 | 12,478.68 | 6,840.00 | 173.94 | 174.81 | -89.94 | -1,964.09 | -7,212.08 | 989.73 | 644.31 | 345.43 | 2.865 | | |
| 12,400.00 | 6,840.00 | 12,578.68 | 6,840.00 | 176.59 | 177.42 | -89.94 | -1,963.60 | -7,312.08 | 989.72 | 638.97 | 350.75 | 2.822 | | |
| 12,500.00 | 6,840.00 | 12,678.68 | 6,840.00 | 179.25 | 180.04 | -89.94 | -1,963.11 | -7,412.08 | 989.70 | 633.63 | 356.07 | 2.780 | | |
| 12,600.00 | 6,840.00 | 12,778.68 | 6,840.00 | 181.90 | 182.66 | -89.94 | -1,962.61 | -7,512.07 | 989.68 | 628.29 | 361.40 | 2.738 | | |
| 12,700.00 | 6,840.00 | 12,878.68 | 6,840.00 | 184.56 | 185.28 | -89.94 | -1,962.12 | -7,612.07 | 989.67 | 622.94 | 366.73 | 2.699 | | |
| 12,800.00 | 6,840.00 | 12,978.68 | 6,840.00 | 187.22 | 187.90 | -89.94 | -1,961.62 | -7,712.07 | 989.65 | 617.59 | 372.06 | 2.660 | | |
| 12,900.00 | 6,840.00 | 13,078.68 | 6,840.00 | 189.88 | 190.53 | -89.94 | -1,961.13 | -7,812.07 | 989.63 | 612.24 | 377.40 | 2.622 | | |
| 13,000.00 | 6,840.00 | 13,178.68 | 6,840.00 | 192.54 | 193.16 | -89.94 | -1,960.63 | -7,912.07 | 989.61 | 606.88 | 382.74 | 2.586 | | |
| 13,100.00 | 6,840.00 | 13,278.68 | 6,840.00 | 195.20 | 195.79 | -89.94 | -1,960.14 | -8,012.07 | 989.60 | 601.52 | 388.08 | 2.550 | | |
| 13,200.00 | 6,840.00 | 13,378.68 | 6,840.00 | 197.87 | 198.43 | -89.94 | -1,959.64 | -8,112.07 | 989.58 | 596.16 | 393.42 | 2.515 | | |
| 13,300.00 | 6,840.00 | 13,478.68 | 6,840.00 | 200.53 | 201.07 | -89.94 | -1,959.15 | -8,212.07 | 989.56 | 590.79 | 398.77 | 2.482 | | |
| 13,400.00 | 6,840.00 | 13,578.68 | 6,840.00 | 203.20 | 203.71 | -89.94 | -1,958.66 | -8,312.06 | 989.55 | 585.43 | 404.12 | 2.449 | | |
| 13,500.00 | 6,840.00 | 13,678.68 | 6,840.00 | 205.87 | 206.35 | -89.94 | -1,958.16 | -8,412.06 | 989.53 | 580.06 | 409.47 | 2.417 | | |
| 13,600.00 | 6,840.00 | 13,778.68 | 6,840.00 | 208.54 | 208.99 | -89.94 | -1,957.67 | -8,512.06 | 989.51 | 574.68 | 414.83 | 2.385 | | |
| 13,700.00 | 6,840.00 | 13,878.68 | 6,840.00 | 211.22 | 211.64 | -89.94 | -1,957.17 | -8,612.06 | 989.50 | 569.31 | 420.18 | 2.355 | | |
| 13,800.00 | 6,840.00 | 13,978.68 | 6,840.00 | 213.89 | 214.29 | -89.94 | -1,956.68 | -8,712.06 | 989.48 | 563.93 | 425.54 | 2.325 | | |
| 13,900.00 | 6,840.00 | 14,078.68 | 6,840.00 | 216.56 | 216.93 | -89.94 | -1,956.18 | -8,812.06 | 989.46 | 558.56 | 430.90 | 2.296 | | |
| 14,000.00 | 6,840.00 | 14,178.68 | 6,840.00 | 219.24 | 219.59 | -89.94 | -1,955.69 | -8,912.06 | 989.44 | 553.18 | 436.27 | 2.268 | | |
| 14,100.00 | 6,840.00 | 14,278.68 | 6,840.00 | 221.92 | 222.24 | -89.94 | -1,955.19 | -9,012.06 | 989.43 | 547.80 | 441.63 | 2.240 | | |
| 14,200.00 | 6,840.00 | 14,378.68 | 6,840.00 | 224.59 | 224.89 | -89.94 | -1,954.70 | -9,112.05 | 989.41 | 542.41 | 447.00 | 2.213 | | |
| 14,300.00 | 6,840.00 | 14,478.68 | 6,840.00 | 227.27 | 227.55 | -89.94 | -1,954.21 | -9,212.05 | 989.39 | 537.03 | 452.37 | 2.187 | | |
| 14,400.00 | 6,840.00 | 14,578.68 | 6,840.00 | 229.95 | 230.21 | -89.94 | -1,953.71 | -9,312.05 | 989.38 | 531.64 | 457.74 | 2.161 | | |
| 14,500.00 | 6,840.00 | 14,678.68 | 6,840.00 | 232.63 | 232.87 | -89.94 | -1,953.22 | -9,412.05 | 989.36 | 526.25 | 463.11 | 2.136 | | |
| 14,600.00 | 6,840.00 | 14,778.68 | 6,840.00 | 235.31 | 235.53 | -89.94 | -1,952.72 | -9,512.05 | 989.34 | 520.86 | 468.48 | 2.112 | | |
| 14,700.00 | 6,840.00 | 14,878.68 | 6,840.00 | 238.00 | 238.19 | -89.94 | -1,952.23 | -9,612.05 | 989.32 | 515.47 | 473.86 | 2.088 | | |
| 14,800.00 | 6,840.00 | 14,978.68 | 6,840.00 | 240.68 | 240.86 | -89.94 | -1,951.73 | -9,712.05 | 989.31 | 510.08 | 479.23 | 2.064 | | |
| 14,900.00 | 6,840.00 | 15,078.68 | 6,840.00 | 243.36 | 243.52 | -89.94 | -1,951.24 | -9,812.05 | 989.29 | 504.68 | 484.61 | 2.041 | | |
| 15,000.00 | 6,840.00 | 15,178.68 | 6,840.00 | 246.05 | 246.19 | -89.94 | -1,950.74 | -9,912.04 | 989.27 | 499.28 | 489.99 | 2.019 | | |
| 15,100.00 | 6,840.00 | 15,278.68 | 6,840.00 | 248.74 | 248.86 | -89.94 | -1,950.25 | -10,012.04 | 989.26 | 493.89 | 495.37 | 1.997 | | |
| 15,200.00 | 6,840.00 | 15,378.68 | 6,840.00 | 251.42 | 251.52 | -89.94 | -1,949.76 | -10,112.04 | 989.24 | 488.49 | 500.75 | 1.976 | | |
| 15,300.00 | 6,840.00 | 15,478.68 | 6,840.00 | 254.11 | 254.19 | -89.94 | -1,949.26 | -10,212.04 | 989.22 | 483.09 | 506.13 | 1.954 | | |
| 15,400.00 | 6,840.00 | 15,578.68 | 6,840.00 | 256.80 | 256.86 | -89.94 | -1,948.77 | -10,312.04 | 989.20 | 477.69 | 511.52 | 1.934 | | |
| 15,500.00 | 6,840.00 | 15,678.68 | 6,840.00 | 259.49 | 259.54 | -89.94 | -1,948.27 | -10,412.04 | 989.19 | 472.29 | 516.90 | 1.914 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-16 - OWB - PROPOSAL 1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,600.00 | 6,840.00 | 15,778.68 | 6,840.00 | 262.17 | 262.21 | -89.94 | -1,947.78 | -10,512.04 | 989.17 | 466.88 | 522.29 | 1.894 | | |
| 15,700.00 | 6,840.00 | 15,878.68 | 6,840.00 | 264.86 | 264.88 | -89.94 | -1,947.28 | -10,612.04 | 989.15 | 461.48 | 527.68 | 1.875 | | |
| 15,800.00 | 6,840.00 | 15,978.68 | 6,840.00 | 267.55 | 267.56 | -89.94 | -1,946.79 | -10,712.03 | 989.14 | 456.07 | 533.06 | 1.856 | | |
| 15,900.00 | 6,840.00 | 16,078.68 | 6,840.00 | 270.25 | 270.23 | -89.94 | -1,946.29 | -10,812.03 | 989.12 | 450.67 | 538.45 | 1.837 | | |
| 16,000.00 | 6,840.00 | 16,178.68 | 6,840.00 | 272.94 | 272.91 | -89.94 | -1,945.80 | -10,912.03 | 989.10 | 445.26 | 543.84 | 1.819 | | |
| 16,100.00 | 6,840.00 | 16,278.68 | 6,840.00 | 275.63 | 275.59 | -89.94 | -1,945.31 | -11,012.03 | 989.09 | 439.85 | 549.24 | 1.801 | | |
| 16,200.00 | 6,840.00 | 16,378.68 | 6,840.00 | 278.32 | 278.27 | -89.94 | -1,944.81 | -11,112.03 | 989.07 | 434.44 | 554.63 | 1.783 | | |
| 16,300.00 | 6,840.00 | 16,478.68 | 6,840.00 | 281.02 | 280.95 | -89.94 | -1,944.32 | -11,212.03 | 989.05 | 429.03 | 560.02 | 1.766 | | |
| 16,400.00 | 6,840.00 | 16,578.68 | 6,840.00 | 283.71 | 283.63 | -89.94 | -1,943.82 | -11,312.03 | 989.03 | 423.62 | 565.42 | 1.749 | | |
| 16,500.00 | 6,840.00 | 16,678.68 | 6,840.00 | 286.40 | 286.31 | -89.94 | -1,943.33 | -11,412.03 | 989.02 | 418.21 | 570.81 | 1.733 | | |
| 16,600.00 | 6,840.00 | 16,778.68 | 6,840.00 | 289.10 | 288.99 | -89.94 | -1,942.83 | -11,512.02 | 989.00 | 412.79 | 576.21 | 1.716 | | |
| 16,700.00 | 6,840.00 | 16,878.68 | 6,840.00 | 291.79 | 291.67 | -89.94 | -1,942.34 | -11,612.02 | 988.98 | 407.38 | 581.60 | 1.700 | | |
| 16,800.00 | 6,840.00 | 16,978.68 | 6,840.00 | 294.49 | 294.35 | -89.94 | -1,941.84 | -11,712.02 | 988.97 | 401.96 | 587.00 | 1.685 | | |
| 16,900.00 | 6,840.00 | 17,078.68 | 6,840.00 | 297.19 | 297.04 | -89.94 | -1,941.35 | -11,812.02 | 988.95 | 396.55 | 592.40 | 1.669 | | |
| 17,000.00 | 6,840.00 | 17,178.68 | 6,840.00 | 299.88 | 299.72 | -89.94 | -1,940.86 | -11,912.02 | 988.93 | 391.13 | 597.80 | 1.654 | | |
| 17,100.00 | 6,840.00 | 17,278.68 | 6,840.00 | 302.58 | 302.41 | -89.94 | -1,940.36 | -12,012.02 | 988.91 | 385.72 | 603.20 | 1.639 | | |
| 17,200.00 | 6,840.00 | 17,378.68 | 6,840.00 | 305.28 | 305.09 | -89.94 | -1,939.87 | -12,112.02 | 988.90 | 380.30 | 608.60 | 1.625 | | |
| 17,300.00 | 6,840.00 | 17,478.68 | 6,840.00 | 307.97 | 307.78 | -89.94 | -1,939.37 | -12,212.02 | 988.88 | 374.88 | 614.00 | 1.611 | | |
| 17,400.00 | 6,840.00 | 17,578.68 | 6,840.00 | 310.67 | 310.47 | -89.94 | -1,938.88 | -12,312.02 | 988.86 | 369.46 | 619.40 | 1.596 | | |
| 17,500.00 | 6,840.00 | 17,678.68 | 6,840.00 | 313.37 | 313.15 | -89.94 | -1,938.38 | -12,412.01 | 988.85 | 364.04 | 624.80 | 1.583 | | |
| 17,600.00 | 6,840.00 | 17,778.68 | 6,840.00 | 316.07 | 315.84 | -89.94 | -1,937.89 | -12,512.01 | 988.83 | 358.62 | 630.21 | 1.569 | | |
| 17,700.00 | 6,840.00 | 17,878.68 | 6,840.00 | 318.77 | 318.53 | -89.94 | -1,937.39 | -12,612.01 | 988.81 | 353.20 | 635.61 | 1.556 | | |
| 17,800.00 | 6,840.00 | 17,978.68 | 6,840.00 | 321.47 | 321.22 | -89.94 | -1,936.90 | -12,712.01 | 988.79 | 347.78 | 641.02 | 1.543 | | |
| 17,900.00 | 6,840.00 | 18,078.68 | 6,840.00 | 324.17 | 323.91 | -89.94 | -1,936.41 | -12,812.01 | 988.78 | 342.36 | 646.42 | 1.530 | | |
| 18,000.00 | 6,840.00 | 18,178.68 | 6,840.00 | 326.87 | 326.60 | -89.94 | -1,935.91 | -12,912.01 | 988.76 | 336.93 | 651.83 | 1.517 | | |
| 18,100.00 | 6,840.00 | 18,278.68 | 6,840.00 | 329.57 | 329.29 | -89.94 | -1,935.42 | -13,012.01 | 988.74 | 331.51 | 657.23 | 1.504 | | |
| 18,200.00 | 6,840.00 | 18,378.68 | 6,840.00 | 332.27 | 331.98 | -89.94 | -1,934.92 | -13,112.01 | 988.73 | 326.09 | 662.64 | 1.492 Level 3 | | |
| 18,300.00 | 6,840.00 | 18,478.68 | 6,840.00 | 334.97 | 334.67 | -89.94 | -1,934.43 | -13,212.00 | 988.71 | 320.66 | 668.05 | 1.480 Level 3 | | |
| 18,400.00 | 6,840.00 | 18,578.68 | 6,840.00 | 337.67 | 337.37 | -89.94 | -1,933.93 | -13,312.00 | 988.69 | 315.24 | 673.45 | 1.468 Level 3 | | |
| 18,500.00 | 6,840.00 | 18,678.68 | 6,840.00 | 340.38 | 340.06 | -89.94 | -1,933.44 | -13,412.00 | 988.68 | 309.81 | 678.86 | 1.456 Level 3 | | |
| 18,600.00 | 6,840.00 | 18,778.68 | 6,840.00 | 343.08 | 342.75 | -89.94 | -1,932.94 | -13,512.00 | 988.66 | 304.39 | 684.27 | 1.445 Level 3 | | |
| 18,700.00 | 6,840.00 | 18,878.68 | 6,840.00 | 345.78 | 345.45 | -89.94 | -1,932.45 | -13,612.00 | 988.64 | 298.96 | 689.68 | 1.433 Level 3 | | |
| 18,800.00 | 6,840.00 | 18,978.68 | 6,840.00 | 348.48 | 348.14 | -89.94 | -1,931.96 | -13,712.00 | 988.62 | 293.53 | 695.09 | 1.422 Level 3 | | |
| 18,900.00 | 6,840.00 | 19,078.68 | 6,840.00 | 351.19 | 350.83 | -89.94 | -1,931.46 | -13,812.00 | 988.61 | 288.11 | 700.50 | 1.411 Level 3 | | |
| 19,000.00 | 6,840.00 | 19,178.68 | 6,840.00 | 353.89 | 353.53 | -89.94 | -1,930.97 | -13,912.00 | 988.59 | 282.68 | 705.91 | 1.400 Level 3 | | |
| 19,100.00 | 6,840.00 | 19,278.68 | 6,840.00 | 356.59 | 356.22 | -89.94 | -1,930.47 | -14,011.99 | 988.57 | 277.25 | 711.32 | 1.390 Level 3 | | |
| 19,200.00 | 6,840.00 | 19,378.68 | 6,840.00 | 359.30 | 358.92 | -89.94 | -1,929.98 | -14,111.99 | 988.56 | 271.82 | 716.73 | 1.379 Level 3 | | |
| 19,300.00 | 6,840.00 | 19,478.68 | 6,840.00 | 362.00 | 361.62 | -89.94 | -1,929.48 | -14,211.99 | 988.54 | 266.39 | 722.14 | 1.369 Level 3 | | |
| 19,400.00 | 6,840.00 | 19,578.68 | 6,840.00 | 364.71 | 364.31 | -89.94 | -1,928.99 | -14,311.99 | 988.52 | 260.96 | 727.56 | 1.359 Level 3 | | |
| 19,500.00 | 6,840.00 | 19,678.68 | 6,840.00 | 367.41 | 367.01 | -89.94 | -1,928.49 | -14,411.99 | 988.50 | 255.54 | 732.97 | 1.349 Level 3 | | |
| 19,600.00 | 6,840.00 | 19,778.68 | 6,840.00 | 370.11 | 369.71 | -89.94 | -1,928.00 | -14,511.99 | 988.49 | 250.10 | 738.38 | 1.339 Level 3 | | |
| 19,700.00 | 6,840.00 | 19,878.68 | 6,840.00 | 372.82 | 372.40 | -89.94 | -1,927.51 | -14,611.99 | 988.47 | 244.67 | 743.80 | 1.329 Level 3 | | |
| 19,800.00 | 6,840.00 | 19,978.68 | 6,840.00 | 375.53 | 375.10 | -89.94 | -1,927.01 | -14,711.99 | 988.45 | 239.24 | 749.21 | 1.319 Level 3 | | |
| 19,900.00 | 6,840.00 | 20,078.68 | 6,840.00 | 378.23 | 377.80 | -89.94 | -1,926.52 | -14,811.98 | 988.44 | 233.81 | 754.62 | 1.310 Level 3 | | |
| 20,000.00 | 6,840.00 | 20,178.68 | 6,840.00 | 380.94 | 380.50 | -89.94 | -1,926.02 | -14,911.98 | 988.42 | 228.38 | 760.04 | 1.300 Level 3 | | |
| 20,100.00 | 6,840.00 | 20,278.68 | 6,840.00 | 383.64 | 383.20 | -89.94 | -1,925.53 | -15,011.98 | 988.40 | 222.95 | 765.45 | 1.291 Level 3 | | |
| 20,200.00 | 6,840.00 | 20,378.68 | 6,840.00 | 386.35 | 385.89 | -89.94 | -1,925.03 | -15,111.98 | 988.38 | 217.52 | 770.87 | 1.282 Level 3 | | |
| 20,300.00 | 6,840.00 | 20,478.68 | 6,840.00 | 389.05 | 388.59 | -89.94 | -1,924.54 | -15,211.98 | 988.37 | 212.08 | 776.28 | 1.273 Level 3 | | |
| 20,400.00 | 6,840.00 | 20,578.68 | 6,840.00 | 391.76 | 391.29 | -89.94 | -1,924.05 | -15,311.98 | 988.35 | 206.65 | 781.70 | 1.264 Level 3 | | |
| 20,438.17 | 6,840.00 | 20,616.84 | 6,840.00 | 392.79 | 392.32 | -89.94 | -1,923.86 | -15,350.14 | 988.34 | 204.58 | 783.77 | 1.261 Level 3 | | |
| 20,442.82 | 6,840.00 | 20,616.38 | 6,840.00 | 392.92 | 392.31 | -89.94 | -1,923.86 | -15,349.68 | 988.36 | 204.26 | 784.10 | 1.261 Level 3, SF | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT DABNEY G 25-3 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -49.18 | 2,480.71 | -2,871.82 | 3,795.49 | | | | | |
| 100.00 | 100.00 | 37.43 | 37.43 | 0.13 | 0.04 | -49.18 | 2,480.74 | -2,871.75 | 3,794.88 | 3,794.71 | 0.17 | N/A | | |
| 200.00 | 200.00 | 147.01 | 147.01 | 0.49 | 0.16 | -49.16 | 2,481.23 | -2,870.94 | 3,794.61 | 3,793.95 | 0.65 | 5,826.624 | | |
| 300.00 | 300.00 | 258.88 | 258.87 | 0.85 | 0.28 | -49.15 | 2,481.73 | -2,869.80 | 3,794.13 | 3,793.00 | 1.13 | 3,359.012 | | |
| 400.00 | 400.00 | 383.49 | 383.47 | 1.21 | 0.38 | -49.12 | 2,482.07 | -2,867.88 | 3,793.15 | 3,791.57 | 1.58 | 2,404.800 | | |
| 500.00 | 500.00 | 482.21 | 482.16 | 1.57 | 0.44 | -49.10 | 2,482.32 | -2,865.89 | 3,791.78 | 3,789.79 | 1.99 | 1,901.555 | | |
| 600.00 | 599.98 | 582.57 | 582.51 | 1.92 | 0.50 | 66.78 | 2,482.56 | -2,863.96 | 3,789.81 | 3,787.41 | 2.39 | 1,583.111 | | |
| 700.00 | 699.84 | 687.56 | 687.47 | 2.26 | 0.56 | 66.94 | 2,482.80 | -2,861.85 | 3,786.38 | 3,783.59 | 2.79 | 1,358.029 | | |
| 800.00 | 799.45 | 777.87 | 777.77 | 2.62 | 0.60 | 67.15 | 2,482.73 | -2,860.30 | 3,781.62 | 3,778.44 | 3.19 | 1,187.295 | | |
| 900.00 | 898.70 | 869.21 | 869.10 | 2.99 | 0.64 | 67.43 | 2,482.58 | -2,859.12 | 3,775.80 | 3,772.20 | 3.60 | 1,049.858 | | |
| 1,000.00 | 997.47 | 969.43 | 969.32 | 3.39 | 0.69 | 67.79 | 2,482.34 | -2,858.03 | 3,768.79 | 3,764.76 | 4.03 | 935.058 | | |
| 1,100.00 | 1,095.62 | 1,069.43 | 1,069.31 | 3.81 | 0.73 | 68.22 | 2,481.87 | -2,857.01 | 3,760.44 | 3,755.95 | 4.49 | 837.653 | | |
| 1,200.00 | 1,193.06 | 1,165.92 | 1,165.80 | 4.27 | 0.77 | 68.70 | 2,481.28 | -2,856.15 | 3,750.90 | 3,745.92 | 4.98 | 753.576 | | |
| 1,300.00 | 1,289.64 | 1,258.48 | 1,258.35 | 4.77 | 0.81 | 69.25 | 2,480.64 | -2,855.45 | 3,740.29 | 3,734.79 | 5.50 | 680.358 | | |
| 1,400.00 | 1,385.27 | 1,349.36 | 1,349.23 | 5.31 | 0.84 | 69.85 | 2,480.09 | -2,854.86 | 3,728.75 | 3,722.69 | 6.06 | 615.341 | | |
| 1,500.00 | 1,479.82 | 1,438.57 | 1,438.43 | 5.91 | 0.87 | 70.51 | 2,479.51 | -2,854.46 | 3,716.35 | 3,709.68 | 6.67 | 557.427 | | |
| 1,600.00 | 1,573.19 | 1,523.88 | 1,523.74 | 6.55 | 0.91 | 71.16 | 2,479.12 | -2,854.14 | 3,703.26 | 3,695.93 | 7.32 | 505.684 | | |
| 1,700.00 | 1,666.16 | 1,607.38 | 1,607.24 | 7.23 | 0.93 | 71.61 | 2,478.91 | -2,853.96 | 3,690.36 | 3,682.35 | 8.01 | 460.683 | | |
| 1,800.00 | 1,759.13 | 1,707.21 | 1,707.07 | 7.93 | 0.96 | 72.15 | 2,478.47 | -2,853.95 | 3,677.80 | 3,669.08 | 8.72 | 421.935 | | |
| 1,900.00 | 1,852.10 | 1,805.80 | 1,805.65 | 8.64 | 0.99 | 72.69 | 2,477.84 | -2,853.91 | 3,665.40 | 3,655.97 | 9.44 | 388.387 | | |
| 2,000.00 | 1,945.06 | 1,898.18 | 1,898.03 | 9.35 | 1.02 | 73.20 | 2,477.28 | -2,853.77 | 3,653.28 | 3,643.11 | 10.17 | 359.190 | | |
| 2,100.00 | 2,038.03 | 1,992.35 | 1,992.21 | 10.08 | 1.05 | 73.72 | 2,476.73 | -2,853.58 | 3,641.47 | 3,630.56 | 10.92 | 333.618 | | |
| 2,200.00 | 2,131.00 | 2,101.91 | 2,101.76 | 10.81 | 1.09 | 74.34 | 2,476.06 | -2,853.01 | 3,629.79 | 3,618.12 | 11.67 | 311.017 | | |
| 2,300.00 | 2,223.97 | 2,194.61 | 2,194.45 | 11.54 | 1.12 | 74.87 | 2,475.52 | -2,852.18 | 3,618.23 | 3,605.80 | 12.43 | 291.073 | | |
| 2,400.00 | 2,316.94 | 2,301.03 | 2,300.86 | 12.28 | 1.16 | 75.48 | 2,474.74 | -2,851.12 | 3,606.85 | 3,593.65 | 13.20 | 273.256 | | |
| 2,500.00 | 2,409.90 | 2,389.69 | 2,389.52 | 13.02 | 1.19 | 75.98 | 2,473.92 | -2,850.24 | 3,595.69 | 3,581.71 | 13.97 | 257.378 | | |
| 2,600.00 | 2,502.87 | 2,486.95 | 2,486.77 | 13.77 | 1.22 | 76.54 | 2,472.90 | -2,849.42 | 3,584.88 | 3,570.14 | 14.75 | 243.091 | | |
| 2,700.00 | 2,595.84 | 2,580.37 | 2,580.18 | 14.51 | 1.25 | 77.08 | 2,471.61 | -2,848.87 | 3,574.35 | 3,558.82 | 15.53 | 230.207 | | |
| 2,800.00 | 2,688.81 | 2,674.85 | 2,674.65 | 15.26 | 1.28 | 77.62 | 2,470.22 | -2,848.38 | 3,564.15 | 3,547.84 | 16.31 | 218.524 | | |
| 2,900.00 | 2,781.77 | 2,774.39 | 2,774.17 | 16.01 | 1.32 | 78.19 | 2,468.75 | -2,847.73 | 3,554.21 | 3,537.11 | 17.10 | 207.873 | | |
| 3,000.00 | 2,874.74 | 2,869.54 | 2,869.31 | 16.76 | 1.35 | 78.74 | 2,467.15 | -2,847.11 | 3,544.47 | 3,526.58 | 17.89 | 198.148 | | |
| 3,100.00 | 2,967.71 | 2,963.57 | 2,963.32 | 17.52 | 1.38 | 79.28 | 2,465.53 | -2,846.51 | 3,535.06 | 3,516.39 | 18.68 | 189.250 | | |
| 3,200.00 | 3,060.68 | 3,056.75 | 3,056.48 | 18.27 | 1.40 | 79.82 | 2,463.57 | -2,846.34 | 3,525.99 | 3,506.52 | 19.47 | 181.083 | | |
| 3,300.00 | 3,153.65 | 3,139.30 | 3,139.02 | 19.03 | 1.43 | 80.29 | 2,461.83 | -2,846.31 | 3,517.35 | 3,497.09 | 20.26 | 173.582 | | |
| 3,400.00 | 3,246.61 | 3,213.03 | 3,212.73 | 19.78 | 1.44 | 80.71 | 2,460.48 | -2,846.61 | 3,509.52 | 3,488.47 | 21.05 | 166.696 | | |
| 3,500.00 | 3,339.58 | 3,284.88 | 3,284.57 | 20.54 | 1.46 | 81.12 | 2,459.41 | -2,847.31 | 3,502.59 | 3,480.75 | 21.84 | 160.376 | | |
| 3,600.00 | 3,432.55 | 3,369.96 | 3,369.63 | 21.30 | 1.47 | 81.61 | 2,458.37 | -2,848.52 | 3,496.44 | 3,473.82 | 22.62 | 154.540 | | |
| 3,700.00 | 3,525.52 | 3,467.28 | 3,466.94 | 22.06 | 1.48 | 82.16 | 2,457.20 | -2,849.98 | 3,490.71 | 3,467.30 | 23.41 | 149.108 | | |
| 3,800.00 | 3,618.49 | 3,578.63 | 3,578.27 | 22.82 | 1.50 | 82.80 | 2,455.61 | -2,851.41 | 3,485.03 | 3,460.83 | 24.20 | 144.007 | | |
| 3,900.00 | 3,711.45 | 3,685.20 | 3,684.82 | 23.57 | 1.52 | 83.41 | 2,453.72 | -2,852.37 | 3,479.22 | 3,454.23 | 24.99 | 139.197 | | |
| 4,000.00 | 3,804.42 | 3,780.60 | 3,780.19 | 24.33 | 1.55 | 83.96 | 2,451.85 | -2,853.13 | 3,473.57 | 3,447.78 | 25.79 | 134.683 | | |
| 4,100.00 | 3,897.39 | 3,873.39 | 3,872.96 | 25.09 | 1.57 | 84.50 | 2,450.03 | -2,853.87 | 3,468.27 | 3,441.68 | 26.59 | 130.451 | | |
| 4,200.00 | 3,990.36 | 3,967.57 | 3,967.12 | 25.86 | 1.59 | 85.05 | 2,448.16 | -2,854.67 | 3,463.33 | 3,435.95 | 27.38 | 126.479 | | |
| 4,300.00 | 4,083.32 | 4,067.37 | 4,066.89 | 26.62 | 1.62 | 85.63 | 2,446.10 | -2,855.50 | 3,458.67 | 3,430.49 | 28.18 | 122.739 | | |
| 4,400.00 | 4,176.29 | 4,164.10 | 4,163.60 | 27.38 | 1.64 | 86.19 | 2,443.83 | -2,856.41 | 3,454.19 | 3,425.22 | 28.97 | 119.214 | | |
| 4,500.00 | 4,269.26 | 4,256.01 | 4,255.47 | 28.14 | 1.66 | 86.72 | 2,441.55 | -2,857.48 | 3,450.06 | 3,420.29 | 29.77 | 115.896 | | |
| 4,600.00 | 4,362.23 | 4,344.58 | 4,344.00 | 28.90 | 1.68 | 87.22 | 2,439.20 | -2,858.95 | 3,446.36 | 3,415.80 | 30.56 | 112.774 | | |
| 4,700.00 | 4,455.20 | 4,429.87 | 4,429.24 | 29.66 | 1.70 | 87.70 | 2,436.99 | -2,860.65 | 3,443.19 | 3,411.84 | 31.35 | 109.836 | | |
| 4,800.00 | 4,548.16 | 4,513.94 | 4,513.26 | 30.43 | 1.72 | 88.18 | 2,434.94 | -2,862.60 | 3,440.64 | 3,408.50 | 32.13 | 107.071 | | |
| 4,900.00 | 4,641.13 | 4,605.57 | 4,604.83 | 31.19 | 1.74 | 88.69 | 2,432.79 | -2,864.95 | 3,438.60 | 3,405.68 | 32.92 | 104.460 | | |
| 5,000.00 | 4,734.10 | 4,723.30 | 4,722.48 | 31.95 | 1.76 | 89.35 | 2,429.43 | -2,867.85 | 3,436.38 | 3,402.67 | 33.70 | 101.963 | | |
| 5,100.00 | 4,827.07 | 4,796.06 | 4,795.17 | 32.71 | 1.78 | 89.75 | 2,427.23 | -2,870.11 | 3,434.65 | 3,400.17 | 34.48 | 99.603 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT DABNEY G 25-3 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,862.24 | 4,861.28 | 33.48 | 1.79 | 90.11 | 2,425.43 | -2,872.83 | 3,433.92 | 3,398.66 | 35.26 | 97.394 | | |
| 5,216.89 | 4,935.74 | 4,873.39 | 4,872.41 | 33.61 | 1.79 | 90.17 | 2,425.16 | -2,873.35 | 3,433.90 | 3,398.51 | 35.39 | 97.035 | | |
| 5,300.00 | 5,013.00 | 4,943.85 | 4,942.76 | 34.24 | 1.80 | 90.54 | 2,423.51 | -2,877.02 | 3,434.19 | 3,398.16 | 36.03 | 95.316 | | |
| 5,400.00 | 5,105.97 | 5,029.92 | 5,028.65 | 35.00 | 1.81 | 90.98 | 2,421.27 | -2,881.94 | 3,434.80 | 3,398.00 | 36.80 | 93.341 | | |
| 5,500.00 | 5,198.94 | 5,100.00 | 5,098.58 | 35.77 | 1.83 | 91.34 | 2,419.86 | -2,886.26 | 3,436.34 | 3,398.78 | 37.56 | 91.485 | | |
| 5,600.00 | 5,291.91 | 5,162.13 | 5,160.59 | 36.53 | 1.83 | 91.66 | 2,419.19 | -2,890.10 | 3,438.96 | 3,400.64 | 38.32 | 89.750 | | |
| 5,700.00 | 5,384.87 | 5,240.81 | 5,239.14 | 37.29 | 1.84 | 92.08 | 2,419.14 | -2,894.59 | 3,442.59 | 3,403.52 | 39.07 | 88.115 | | |
| 5,800.00 | 5,477.84 | 5,342.53 | 5,340.76 | 38.06 | 1.84 | 92.64 | 2,419.69 | -2,899.09 | 3,446.60 | 3,406.77 | 39.82 | 86.552 | | |
| 5,900.00 | 5,570.81 | 5,448.75 | 5,446.94 | 38.82 | 1.85 | 93.25 | 2,420.49 | -2,902.18 | 3,450.57 | 3,410.00 | 40.57 | 85.057 | | |
| 6,000.00 | 5,663.78 | 5,539.35 | 5,537.51 | 39.59 | 1.85 | 93.78 | 2,421.31 | -2,904.08 | 3,454.74 | 3,413.44 | 41.31 | 83.637 | | |
| 6,100.00 | 5,756.75 | 5,621.17 | 5,619.31 | 40.35 | 1.85 | 94.27 | 2,422.53 | -2,905.23 | 3,459.55 | 3,417.52 | 42.04 | 82.297 | | |
| 6,200.00 | 5,849.71 | 5,707.89 | 5,706.01 | 41.12 | 1.84 | 94.80 | 2,424.31 | -2,905.72 | 3,464.97 | 3,422.21 | 42.76 | 81.028 | | |
| 6,300.00 | 5,942.68 | 5,795.49 | 5,793.58 | 41.88 | 1.84 | 95.35 | 2,426.58 | -2,905.32 | 3,470.93 | 3,427.44 | 43.48 | 79.820 | | |
| 6,400.00 | 6,035.65 | 5,949.54 | 5,947.58 | 42.64 | 1.84 | 96.33 | 2,429.66 | -2,903.05 | 3,476.43 | 3,432.20 | 44.22 | 78.615 | | |
| 6,500.00 | 6,128.62 | 6,093.10 | 6,091.08 | 43.41 | 1.85 | 97.26 | 2,430.86 | -2,899.27 | 3,481.09 | 3,436.14 | 44.96 | 77.434 | | |
| 6,600.00 | 6,221.59 | 6,159.22 | 6,157.18 | 44.17 | 1.86 | 97.68 | 2,431.09 | -2,897.41 | 3,485.69 | 3,440.02 | 45.67 | 76.318 | | |
| 6,700.00 | 6,314.55 | 6,237.39 | 6,235.32 | 44.94 | 1.87 | 98.18 | 2,431.92 | -2,895.57 | 3,491.44 | 3,445.06 | 46.39 | 75.270 | | |
| 6,800.00 | 6,407.52 | 6,341.83 | 6,339.73 | 45.70 | 1.88 | 98.84 | 2,432.66 | -2,893.62 | 3,497.46 | 3,450.36 | 47.10 | 74.258 | | |
| 6,900.00 | 6,499.98 | 6,434.50 | 6,432.39 | 46.49 | 1.89 | 95.13 | 2,433.17 | -2,891.78 | 3,503.26 | 3,455.44 | 47.83 | 73.251 | | |
| 7,000.00 | 6,586.50 | 6,519.42 | 6,517.29 | 47.49 | 1.90 | 89.56 | 2,433.64 | -2,890.33 | 3,505.15 | 3,456.39 | 48.76 | 71.893 | | |
| 7,100.00 | 6,663.58 | 6,608.97 | 6,606.83 | 48.75 | 1.91 | 87.43 | 2,433.90 | -2,888.89 | 3,502.46 | 3,452.53 | 49.93 | 70.151 | | |
| 7,200.00 | 6,728.87 | 6,669.58 | 6,667.43 | 50.23 | 1.92 | 86.83 | 2,434.01 | -2,887.89 | 3,496.08 | 3,444.76 | 51.31 | 68.136 | | |
| 7,300.00 | 6,780.38 | 6,718.05 | 6,715.90 | 51.91 | 1.93 | 87.18 | 2,434.12 | -2,887.10 | 3,487.00 | 3,434.13 | 52.87 | 65.953 | | |
| 7,400.00 | 6,816.56 | 6,751.60 | 6,749.45 | 53.74 | 1.93 | 88.05 | 2,434.20 | -2,886.61 | 3,476.10 | 3,421.54 | 54.56 | 63.711 | | |
| 7,500.00 | 6,836.29 | 6,769.47 | 6,767.31 | 55.65 | 1.94 | 89.16 | 2,434.24 | -2,886.37 | 3,464.15 | 3,407.84 | 56.32 | 61.513 | | |
| 7,600.00 | 6,840.00 | 6,771.85 | 6,769.69 | 57.58 | 1.94 | 89.94 | 2,434.24 | -2,886.34 | 3,451.93 | 3,393.86 | 58.07 | 59.442 | | |
| 7,700.00 | 6,840.00 | 6,770.61 | 6,768.45 | 59.56 | 1.94 | 89.92 | 2,434.24 | -2,886.36 | 3,441.91 | 3,382.07 | 59.84 | 57.516 | | |
| 7,800.00 | 6,840.00 | 6,769.36 | 6,767.21 | 61.60 | 1.94 | 89.90 | 2,434.24 | -2,886.38 | 3,434.77 | 3,373.14 | 61.63 | 55.732 | | |
| 7,900.00 | 6,840.00 | 6,768.10 | 6,765.95 | 63.69 | 1.94 | 89.88 | 2,434.23 | -2,886.39 | 3,430.53 | 3,367.11 | 63.42 | 54.089 | | |
| 7,995.54 | 6,840.00 | 6,766.88 | 6,764.73 | 65.72 | 1.94 | 89.86 | 2,434.23 | -2,886.41 | 3,429.20 | 3,364.06 | 65.14 | 52.646 CC | | |
| 8,000.00 | 6,840.00 | 6,766.83 | 6,764.67 | 65.82 | 1.94 | 89.86 | 2,434.23 | -2,886.41 | 3,429.20 | 3,363.99 | 65.22 | 52.582 | | |
| 8,100.00 | 6,840.00 | 6,765.54 | 6,763.38 | 67.99 | 1.94 | 89.84 | 2,434.23 | -2,886.42 | 3,430.79 | 3,363.79 | 67.00 | 51.207 ES | | |
| 8,200.00 | 6,840.00 | 6,764.24 | 6,762.08 | 70.21 | 1.94 | 89.82 | 2,434.23 | -2,886.44 | 3,435.29 | 3,366.53 | 68.76 | 49.959 | | |
| 8,300.00 | 6,840.00 | 6,762.92 | 6,760.77 | 72.45 | 1.94 | 89.80 | 2,434.22 | -2,886.46 | 3,442.69 | 3,372.19 | 70.50 | 48.832 | | |
| 8,400.00 | 6,840.00 | 6,761.59 | 6,759.44 | 74.73 | 1.94 | 89.77 | 2,434.22 | -2,886.48 | 3,452.97 | 3,380.76 | 72.21 | 47.821 | | |
| 8,500.00 | 6,840.00 | 6,760.25 | 6,758.09 | 77.04 | 1.94 | 89.75 | 2,434.22 | -2,886.49 | 3,466.10 | 3,392.23 | 73.87 | 46.920 | | |
| 8,600.00 | 6,840.00 | 6,758.89 | 6,756.73 | 79.38 | 1.94 | 89.73 | 2,434.21 | -2,886.51 | 3,482.06 | 3,406.56 | 75.50 | 46.122 | | |
| 8,700.00 | 6,840.00 | 6,757.51 | 6,755.36 | 81.74 | 1.94 | 89.71 | 2,434.21 | -2,886.53 | 3,500.80 | 3,423.73 | 77.07 | 45.423 | | |
| 8,800.00 | 6,840.00 | 6,756.12 | 6,753.97 | 84.12 | 1.93 | 89.68 | 2,434.21 | -2,886.55 | 3,522.28 | 3,443.69 | 78.59 | 44.816 | | |
| 8,900.00 | 6,840.00 | 6,754.72 | 6,752.56 | 86.52 | 1.93 | 89.66 | 2,434.20 | -2,886.57 | 3,546.45 | 3,466.39 | 80.06 | 44.297 | | |
| 9,000.00 | 6,840.00 | 6,753.30 | 6,751.14 | 88.94 | 1.93 | 89.63 | 2,434.20 | -2,886.59 | 3,573.26 | 3,491.79 | 81.47 | 43.860 | | |
| 9,100.00 | 6,840.00 | 6,751.86 | 6,749.70 | 91.38 | 1.93 | 89.61 | 2,434.20 | -2,886.61 | 3,602.64 | 3,519.82 | 82.82 | 43.500 | | |
| 9,200.00 | 6,840.00 | 6,750.41 | 6,748.25 | 93.83 | 1.93 | 89.59 | 2,434.19 | -2,886.63 | 3,634.54 | 3,550.43 | 84.11 | 43.214 | | |
| 9,300.00 | 6,840.00 | 6,748.93 | 6,746.78 | 96.30 | 1.93 | 89.56 | 2,434.19 | -2,886.65 | 3,668.89 | 3,583.55 | 85.33 | 42.996 | | |
| 9,400.00 | 6,840.00 | 6,747.45 | 6,745.29 | 98.79 | 1.93 | 89.54 | 2,434.19 | -2,886.67 | 3,705.61 | 3,619.12 | 86.49 | 42.842 | | |
| 9,500.00 | 6,840.00 | 6,745.94 | 6,743.79 | 101.28 | 1.93 | 89.51 | 2,434.18 | -2,886.69 | 3,744.65 | 3,657.05 | 87.60 | 42.749 | | |
| 9,600.00 | 6,840.00 | 6,744.42 | 6,742.27 | 103.79 | 1.93 | 89.49 | 2,434.18 | -2,886.71 | 3,785.93 | 3,697.29 | 88.64 | 42.713 SF | | |
| 9,700.00 | 6,840.00 | 6,742.88 | 6,740.73 | 106.30 | 1.93 | 89.46 | 2,434.18 | -2,886.73 | 3,829.37 | 3,739.75 | 89.62 | 42.731 | | |
| 9,800.00 | 6,840.00 | 6,741.32 | 6,739.17 | 108.83 | 1.93 | 89.43 | 2,434.17 | -2,886.75 | 3,874.90 | 3,784.37 | 90.54 | 42.800 | | |
| 9,900.00 | 6,840.00 | 6,739.75 | 6,737.60 | 111.37 | 1.93 | 89.41 | 2,434.17 | -2,886.78 | 3,922.46 | 3,831.06 | 91.40 | 42.916 | | |
| 10,000.00 | 6,840.00 | 6,738.15 | 6,736.00 | 113.91 | 1.93 | 89.38 | 2,434.16 | -2,886.80 | 3,971.97 | 3,879.76 | 92.21 | 43.077 | | |
| 10,100.00 | 6,840.00 | 6,736.54 | 6,734.39 | 116.47 | 1.93 | 89.35 | 2,434.16 | -2,886.82 | 4,023.35 | 3,930.39 | 92.96 | 43.280 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT DABNEY G 25-3 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,200.00 | 6,840.00 | 6,734.91 | 6,732.75 | 119.03 | 1.93 | 89.33 | 2,434.16 | -2,886.85 | 4,076.54 | 3,982.87 | 93.66 | 43.523 | | |
| 10,300.00 | 6,840.00 | 6,733.25 | 6,731.10 | 121.59 | 1.93 | 89.30 | 2,434.15 | -2,886.87 | 4,131.46 | 4,037.14 | 94.32 | 43.804 | | |
| 10,400.00 | 6,840.00 | 6,731.58 | 6,729.43 | 124.17 | 1.93 | 89.27 | 2,434.15 | -2,886.89 | 4,188.05 | 4,093.12 | 94.92 | 44.120 | | |
| 10,500.00 | 6,840.00 | 6,729.89 | 6,727.73 | 126.75 | 1.93 | 89.24 | 2,434.15 | -2,886.92 | 4,246.24 | 4,150.75 | 95.49 | 44.470 | | |
| 10,600.00 | 6,840.00 | 6,728.17 | 6,726.02 | 129.34 | 1.93 | 89.22 | 2,434.14 | -2,886.95 | 4,305.96 | 4,209.96 | 96.00 | 44.852 | | |
| 10,700.00 | 6,840.00 | 6,726.43 | 6,724.28 | 131.93 | 1.93 | 89.19 | 2,434.14 | -2,886.97 | 4,367.16 | 4,270.68 | 96.48 | 45.263 | | |
| 10,800.00 | 6,840.00 | 6,724.68 | 6,722.53 | 134.53 | 1.93 | 89.16 | 2,434.13 | -2,887.00 | 4,429.77 | 4,332.85 | 96.93 | 45.703 | | |
| 10,900.00 | 6,840.00 | 6,722.90 | 6,720.75 | 137.13 | 1.93 | 89.13 | 2,434.13 | -2,887.02 | 4,493.73 | 4,396.40 | 97.33 | 46.170 | | |
| 11,000.00 | 6,840.00 | 6,721.09 | 6,718.94 | 139.73 | 1.93 | 89.10 | 2,434.13 | -2,887.05 | 4,558.99 | 4,461.29 | 97.70 | 46.662 | | |
| 11,100.00 | 6,840.00 | 6,719.27 | 6,717.12 | 142.35 | 1.93 | 89.07 | 2,434.12 | -2,887.08 | 4,625.49 | 4,527.45 | 98.04 | 47.178 | | |
| 11,200.00 | 6,840.00 | 6,717.42 | 6,715.27 | 144.96 | 1.93 | 89.04 | 2,434.12 | -2,887.11 | 4,693.18 | 4,594.82 | 98.35 | 47.718 | | |
| 11,300.00 | 6,840.00 | 6,715.55 | 6,713.40 | 147.58 | 1.93 | 89.00 | 2,434.11 | -2,887.14 | 4,762.00 | 4,663.37 | 98.64 | 48.278 | | |
| 11,400.00 | 6,840.00 | 6,713.65 | 6,711.50 | 150.20 | 1.93 | 88.97 | 2,434.11 | -2,887.17 | 4,831.92 | 4,733.02 | 98.89 | 48.860 | | |
| 11,500.00 | 6,840.00 | 6,711.73 | 6,709.58 | 152.83 | 1.93 | 88.94 | 2,434.10 | -2,887.20 | 4,902.87 | 4,803.75 | 99.13 | 49.461 | | |
| 11,600.00 | 6,840.00 | 6,709.78 | 6,707.63 | 155.46 | 1.93 | 88.91 | 2,434.10 | -2,887.23 | 4,974.82 | 4,875.49 | 99.34 | 50.081 | | |
| 11,700.00 | 6,840.00 | 6,707.81 | 6,705.66 | 158.09 | 1.93 | 88.87 | 2,434.09 | -2,887.26 | 5,047.73 | 4,948.21 | 99.52 | 50.719 | | |
| 11,800.00 | 6,840.00 | 6,705.81 | 6,703.66 | 160.73 | 1.93 | 88.84 | 2,434.09 | -2,887.29 | 5,121.55 | 5,021.86 | 99.69 | 51.373 | | |
| 11,900.00 | 6,840.00 | 6,703.78 | 6,701.63 | 163.36 | 1.93 | 88.81 | 2,434.09 | -2,887.32 | 5,196.25 | 5,096.41 | 99.84 | 52.043 | | |
| 12,000.00 | 6,840.00 | 6,701.73 | 6,699.58 | 166.01 | 1.93 | 88.77 | 2,434.08 | -2,887.36 | 5,271.79 | 5,171.81 | 99.98 | 52.729 | | |
| 12,100.00 | 6,840.00 | 6,699.73 | 6,697.58 | 168.65 | 1.93 | 88.74 | 2,434.08 | -2,887.39 | 5,348.12 | 5,248.03 | 100.10 | 53.429 | | |
| 12,200.00 | 6,840.00 | 6,698.13 | 6,695.98 | 171.30 | 1.93 | 88.71 | 2,434.07 | -2,887.42 | 5,425.23 | 5,325.03 | 100.20 | 54.143 | | |
| 12,300.00 | 6,840.00 | 6,696.53 | 6,694.38 | 173.94 | 1.93 | 88.69 | 2,434.07 | -2,887.44 | 5,503.07 | 5,402.78 | 100.29 | 54.870 | | |
| 12,400.00 | 6,840.00 | 6,694.93 | 6,692.78 | 176.59 | 1.93 | 88.66 | 2,434.07 | -2,887.47 | 5,581.62 | 5,481.25 | 100.37 | 55.609 | | |
| 12,500.00 | 6,840.00 | 6,693.32 | 6,691.18 | 179.25 | 1.93 | 88.63 | 2,434.06 | -2,887.50 | 5,660.85 | 5,560.41 | 100.44 | 56.361 | | |
| 12,600.00 | 6,840.00 | 6,691.72 | 6,689.57 | 181.90 | 1.93 | 88.61 | 2,434.06 | -2,887.52 | 5,740.72 | 5,640.22 | 100.50 | 57.124 | | |
| 12,700.00 | 6,840.00 | 6,690.12 | 6,687.97 | 184.56 | 1.92 | 88.58 | 2,434.05 | -2,887.55 | 5,821.21 | 5,720.67 | 100.54 | 57.898 | | |
| 12,800.00 | 6,840.00 | 6,688.52 | 6,686.37 | 187.22 | 1.92 | 88.55 | 2,434.05 | -2,887.58 | 5,902.30 | 5,801.72 | 100.58 | 58.683 | | |
| 12,900.00 | 6,840.00 | 6,686.91 | 6,684.77 | 189.88 | 1.92 | 88.53 | 2,434.05 | -2,887.60 | 5,983.96 | 5,883.35 | 100.61 | 59.477 | | |
| 13,000.00 | 6,840.00 | 6,685.31 | 6,683.16 | 192.54 | 1.92 | 88.50 | 2,434.04 | -2,887.63 | 6,066.17 | 5,965.54 | 100.63 | 60.281 | | |
| 13,100.00 | 6,840.00 | 6,683.70 | 6,681.56 | 195.20 | 1.92 | 88.47 | 2,434.04 | -2,887.65 | 6,148.91 | 6,048.27 | 100.65 | 61.095 | | |
| 13,200.00 | 6,840.00 | 6,682.10 | 6,679.95 | 197.87 | 1.92 | 88.45 | 2,434.04 | -2,887.68 | 6,232.15 | 6,131.50 | 100.65 | 61.917 | | |
| 13,300.00 | 6,840.00 | 6,680.49 | 6,678.35 | 200.53 | 1.92 | 88.42 | 2,434.03 | -2,887.71 | 6,315.88 | 6,215.23 | 100.66 | 62.747 | | |
| 13,400.00 | 6,840.00 | 6,678.89 | 6,676.74 | 203.20 | 1.92 | 88.39 | 2,434.03 | -2,887.73 | 6,400.08 | 6,299.43 | 100.65 | 63.586 | | |
| 13,500.00 | 6,840.00 | 6,677.28 | 6,675.14 | 205.87 | 1.92 | 88.37 | 2,434.03 | -2,887.76 | 6,484.72 | 6,384.08 | 100.64 | 64.432 | | |
| 13,600.00 | 6,840.00 | 6,675.68 | 6,673.53 | 208.54 | 1.92 | 88.34 | 2,434.02 | -2,887.79 | 6,569.80 | 6,469.17 | 100.63 | 65.285 | | |
| 13,700.00 | 6,840.00 | 6,674.07 | 6,671.93 | 211.22 | 1.92 | 88.31 | 2,434.02 | -2,887.81 | 6,655.29 | 6,554.67 | 100.62 | 66.146 | | |
| 13,800.00 | 6,840.00 | 6,672.47 | 6,670.32 | 213.89 | 1.92 | 88.28 | 2,434.02 | -2,887.84 | 6,741.18 | 6,640.58 | 100.59 | 67.013 | | |
| 13,900.00 | 6,840.00 | 6,670.86 | 6,668.71 | 216.56 | 1.92 | 88.26 | 2,434.01 | -2,887.87 | 6,827.45 | 6,726.88 | 100.57 | 67.887 | | |
| 14,000.00 | 6,840.00 | 6,669.25 | 6,667.11 | 219.24 | 1.92 | 88.23 | 2,434.01 | -2,887.89 | 6,914.09 | 6,813.55 | 100.54 | 68.767 | | |
| 14,100.00 | 6,840.00 | 6,667.65 | 6,665.50 | 221.92 | 1.92 | 88.20 | 2,434.01 | -2,887.92 | 7,001.09 | 6,900.58 | 100.51 | 69.653 | | |
| 14,200.00 | 6,840.00 | 6,666.04 | 6,663.89 | 224.59 | 1.92 | 88.18 | 2,434.00 | -2,887.95 | 7,088.43 | 6,987.95 | 100.48 | 70.545 | | |
| 14,300.00 | 6,840.00 | 6,664.43 | 6,662.29 | 227.27 | 1.92 | 88.15 | 2,434.00 | -2,887.97 | 7,176.10 | 7,075.66 | 100.45 | 71.442 | | |
| 14,400.00 | 6,840.00 | 6,662.82 | 6,660.68 | 229.95 | 1.92 | 88.12 | 2,434.00 | -2,888.00 | 7,264.09 | 7,163.68 | 100.41 | 72.345 | | |
| 14,500.00 | 6,840.00 | 6,661.21 | 6,659.07 | 232.63 | 1.92 | 88.10 | 2,434.00 | -2,888.02 | 7,352.39 | 7,252.02 | 100.37 | 73.253 | | |
| 14,600.00 | 6,840.00 | 6,659.60 | 6,657.46 | 235.31 | 1.92 | 88.07 | 2,433.99 | -2,888.05 | 7,440.98 | 7,340.65 | 100.33 | 74.165 | | |
| 14,700.00 | 6,840.00 | 6,657.99 | 6,655.85 | 238.00 | 1.92 | 88.04 | 2,433.99 | -2,888.08 | 7,529.85 | 7,429.57 | 100.29 | 75.082 | | |
| 14,800.00 | 6,840.00 | 6,656.39 | 6,654.24 | 240.68 | 1.92 | 88.02 | 2,433.99 | -2,888.10 | 7,619.01 | 7,518.76 | 100.25 | 76.003 | | |
| 14,900.00 | 6,840.00 | 6,654.78 | 6,652.63 | 243.36 | 1.92 | 87.99 | 2,433.98 | -2,888.13 | 7,708.43 | 7,608.22 | 100.20 | 76.929 | | |
| 15,000.00 | 6,840.00 | 6,653.17 | 6,651.02 | 246.05 | 1.92 | 87.96 | 2,433.98 | -2,888.16 | 7,798.10 | 7,697.94 | 100.16 | 77.859 | | |
| 15,100.00 | 6,840.00 | 6,651.56 | 6,649.41 | 248.74 | 1.92 | 87.94 | 2,433.98 | -2,888.18 | 7,888.02 | 7,787.91 | 100.11 | 78.793 | | |
| 15,200.00 | 6,840.00 | 6,649.94 | 6,647.80 | 251.42 | 1.92 | 87.91 | 2,433.97 | -2,888.21 | 7,978.18 | 7,878.12 | 100.06 | 79.731 | | |
| 15,300.00 | 6,840.00 | 6,648.33 | 6,646.19 | 254.11 | 1.92 | 87.88 | 2,433.97 | -2,888.24 | 8,068.58 | 7,968.56 | 100.02 | 80.672 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT DABNEY G 25-3 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 15,400.00 | 6,840.00 | 6,646.72 | 6,644.58 | 256.80 | 1.92 | 87.86 | 2,433.97 | -2,888.26 | 8,159.20 | 8,059.23 | 99.97 | 81.616 | |
| 15,500.00 | 6,840.00 | 6,645.11 | 6,642.97 | 259.49 | 1.92 | 87.83 | 2,433.96 | -2,888.29 | 8,250.03 | 8,150.11 | 99.92 | 82.564 | |
| 15,600.00 | 6,840.00 | 6,643.50 | 6,641.36 | 262.17 | 1.92 | 87.80 | 2,433.96 | -2,888.32 | 8,341.07 | 8,241.20 | 99.87 | 83.516 | |
| 15,700.00 | 6,840.00 | 6,641.89 | 6,639.75 | 264.86 | 1.92 | 87.77 | 2,433.96 | -2,888.34 | 8,432.32 | 8,332.49 | 99.83 | 84.470 | |
| 15,800.00 | 6,840.00 | 6,640.27 | 6,638.13 | 267.55 | 1.92 | 87.75 | 2,433.96 | -2,888.37 | 8,523.76 | 8,423.98 | 99.78 | 85.427 | |
| 15,900.00 | 6,840.00 | 6,638.66 | 6,636.52 | 270.25 | 1.92 | 87.72 | 2,433.95 | -2,888.40 | 8,615.39 | 8,515.66 | 99.73 | 86.387 | |
| 16,000.00 | 6,840.00 | 6,637.05 | 6,634.91 | 272.94 | 1.92 | 87.69 | 2,433.95 | -2,888.42 | 8,707.21 | 8,607.53 | 99.68 | 87.350 | |
| 16,100.00 | 6,840.00 | 6,635.43 | 6,633.29 | 275.63 | 1.92 | 87.67 | 2,433.95 | -2,888.45 | 8,799.20 | 8,699.57 | 99.63 | 88.315 | |
| 16,200.00 | 6,840.00 | 6,633.82 | 6,631.68 | 278.32 | 1.92 | 87.64 | 2,433.95 | -2,888.48 | 8,891.37 | 8,791.78 | 99.59 | 89.283 | |
| 16,300.00 | 6,840.00 | 6,632.21 | 6,630.07 | 281.02 | 1.92 | 87.61 | 2,433.94 | -2,888.50 | 8,983.70 | 8,884.17 | 99.54 | 90.253 | |
| 16,400.00 | 6,840.00 | 6,630.59 | 6,628.45 | 283.71 | 1.92 | 87.59 | 2,433.94 | -2,888.53 | 9,076.20 | 8,976.71 | 99.49 | 91.225 | |
| 16,500.00 | 6,840.00 | 6,628.98 | 6,626.84 | 286.40 | 1.92 | 87.56 | 2,433.94 | -2,888.56 | 9,168.85 | 9,069.41 | 99.45 | 92.200 | |
| 16,600.00 | 6,840.00 | 6,627.36 | 6,625.22 | 289.10 | 1.91 | 87.53 | 2,433.93 | -2,888.58 | 9,261.66 | 9,162.26 | 99.40 | 93.177 | |
| 16,700.00 | 6,840.00 | 6,625.75 | 6,623.61 | 291.79 | 1.91 | 87.51 | 2,433.93 | -2,888.61 | 9,354.61 | 9,255.26 | 99.35 | 94.155 | |
| 16,800.00 | 6,840.00 | 6,624.13 | 6,621.99 | 294.49 | 1.91 | 87.48 | 2,433.93 | -2,888.64 | 9,447.71 | 9,348.40 | 99.31 | 95.136 | |
| 16,900.00 | 6,840.00 | 6,622.51 | 6,620.38 | 297.19 | 1.91 | 87.45 | 2,433.93 | -2,888.66 | 9,540.95 | 9,441.69 | 99.26 | 96.118 | |
| 17,000.00 | 6,840.00 | 6,620.90 | 6,618.76 | 299.88 | 1.91 | 87.42 | 2,433.92 | -2,888.69 | 9,634.32 | 9,535.10 | 99.22 | 97.102 | |
| 17,100.00 | 6,840.00 | 6,619.28 | 6,617.14 | 302.58 | 1.91 | 87.40 | 2,433.92 | -2,888.72 | 9,727.82 | 9,628.65 | 99.17 | 98.088 | |
| 17,200.00 | 6,840.00 | 6,617.66 | 6,615.53 | 305.28 | 1.91 | 87.37 | 2,433.92 | -2,888.74 | 9,821.46 | 9,722.32 | 99.13 | 99.075 | |
| 17,300.00 | 6,840.00 | 6,616.05 | 6,613.91 | 307.97 | 1.91 | 87.34 | 2,433.92 | -2,888.77 | 9,915.21 | 9,816.12 | 99.09 | 100.064 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT DABNEY G 25-6 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -67.88 | 1,165.20 | -2,866.67 | 3,095.20 | | | | | |
| 100.00 | 100.00 | 23.83 | 23.83 | 0.13 | 0.02 | -67.88 | 1,165.20 | -2,866.70 | 3,094.46 | 3,094.31 | 0.16 | N/A | | |
| 200.00 | 200.00 | 101.00 | 100.99 | 0.49 | 0.10 | -67.88 | 1,165.18 | -2,867.21 | 3,095.07 | 3,094.48 | 0.59 | 5,245.694 | | |
| 300.00 | 300.00 | 211.13 | 211.12 | 0.85 | 0.25 | -67.89 | 1,165.27 | -2,868.13 | 3,095.87 | 3,094.78 | 1.10 | 2,817.570 | | |
| 400.00 | 400.00 | 311.86 | 311.86 | 1.21 | 0.33 | -67.89 | 1,165.40 | -2,868.77 | 3,096.51 | 3,094.98 | 1.54 | 2,014.491 | | |
| 500.00 | 500.00 | 411.83 | 411.82 | 1.57 | 0.40 | -67.89 | 1,165.47 | -2,869.44 | 3,097.15 | 3,095.19 | 1.96 | 1,577.204 | | |
| 600.00 | 599.98 | 520.65 | 520.64 | 1.92 | 0.46 | 47.93 | 1,165.22 | -2,870.04 | 3,096.41 | 3,094.04 | 2.37 | 1,308.000 | | |
| 700.00 | 699.84 | 614.28 | 614.26 | 2.26 | 0.51 | 48.03 | 1,164.94 | -2,870.60 | 3,093.34 | 3,090.58 | 2.76 | 1,121.433 | | |
| 800.00 | 799.45 | 707.72 | 707.70 | 2.62 | 0.56 | 48.22 | 1,164.85 | -2,871.27 | 3,088.14 | 3,084.98 | 3.16 | 977.940 | | |
| 900.00 | 898.70 | 799.07 | 799.05 | 2.99 | 0.60 | 48.47 | 1,164.78 | -2,872.16 | 3,080.87 | 3,077.31 | 3.57 | 863.591 | | |
| 1,000.00 | 997.47 | 895.80 | 895.77 | 3.39 | 0.65 | 48.82 | 1,164.56 | -2,873.33 | 3,071.50 | 3,067.51 | 3.99 | 769.368 | | |
| 1,100.00 | 1,095.62 | 999.94 | 999.90 | 3.81 | 0.70 | 49.26 | 1,164.11 | -2,874.62 | 3,059.83 | 3,055.40 | 4.44 | 689.804 | | |
| 1,200.00 | 1,193.06 | 1,097.64 | 1,097.59 | 4.27 | 0.74 | 49.77 | 1,163.63 | -2,875.75 | 3,045.89 | 3,040.99 | 4.90 | 621.965 | | |
| 1,300.00 | 1,289.64 | 1,190.44 | 1,190.38 | 4.77 | 0.78 | 50.36 | 1,163.18 | -2,876.88 | 3,029.87 | 3,024.49 | 5.38 | 562.901 | | |
| 1,400.00 | 1,385.27 | 1,273.61 | 1,273.55 | 5.31 | 0.82 | 50.98 | 1,162.77 | -2,878.15 | 3,012.05 | 3,006.16 | 5.90 | 510.900 | | |
| 1,500.00 | 1,479.82 | 1,363.07 | 1,362.99 | 5.91 | 0.85 | 51.72 | 1,162.52 | -2,879.78 | 2,992.60 | 2,986.15 | 6.45 | 464.134 | | |
| 1,600.00 | 1,573.19 | 1,455.59 | 1,455.50 | 6.55 | 0.89 | 52.49 | 1,162.39 | -2,881.49 | 2,971.35 | 2,964.31 | 7.04 | 421.947 | | |
| 1,700.00 | 1,666.16 | 1,547.35 | 1,547.24 | 7.23 | 0.93 | 53.01 | 1,162.23 | -2,883.25 | 2,949.72 | 2,942.06 | 7.66 | 385.080 | | |
| 1,800.00 | 1,759.13 | 1,639.94 | 1,639.81 | 7.93 | 0.97 | 53.54 | 1,162.16 | -2,885.05 | 2,928.42 | 2,920.12 | 8.30 | 352.948 | | |
| 1,900.00 | 1,852.10 | 1,731.13 | 1,730.98 | 8.64 | 1.00 | 54.07 | 1,162.20 | -2,886.78 | 2,907.39 | 2,898.44 | 8.95 | 324.856 | | |
| 2,000.00 | 1,945.06 | 1,818.91 | 1,818.74 | 9.35 | 1.04 | 54.59 | 1,162.71 | -2,888.42 | 2,886.85 | 2,877.23 | 9.62 | 300.210 | | |
| 2,100.00 | 2,038.03 | 1,915.21 | 1,915.02 | 10.08 | 1.07 | 55.19 | 1,163.74 | -2,889.95 | 2,866.59 | 2,856.29 | 10.30 | 278.363 | | |
| 2,200.00 | 2,131.00 | 2,002.19 | 2,002.00 | 10.81 | 1.10 | 55.74 | 1,164.90 | -2,891.30 | 2,846.72 | 2,835.73 | 10.99 | 259.038 | | |
| 2,300.00 | 2,223.97 | 2,093.14 | 2,092.92 | 11.54 | 1.13 | 56.32 | 1,166.33 | -2,892.75 | 2,827.31 | 2,815.62 | 11.69 | 241.804 | | |
| 2,400.00 | 2,316.94 | 2,186.41 | 2,186.16 | 12.28 | 1.16 | 56.93 | 1,168.04 | -2,894.14 | 2,808.28 | 2,795.87 | 12.40 | 226.392 | | |
| 2,500.00 | 2,409.90 | 2,276.60 | 2,276.33 | 13.02 | 1.18 | 57.54 | 1,170.10 | -2,895.29 | 2,789.63 | 2,776.50 | 13.13 | 212.533 | | |
| 2,600.00 | 2,502.87 | 2,367.61 | 2,367.29 | 13.77 | 1.21 | 58.17 | 1,172.76 | -2,896.22 | 2,771.44 | 2,757.58 | 13.86 | 200.030 | | |
| 2,700.00 | 2,595.84 | 2,474.67 | 2,474.29 | 14.51 | 1.23 | 58.93 | 1,176.13 | -2,896.99 | 2,753.51 | 2,738.92 | 14.59 | 188.679 | | |
| 2,800.00 | 2,688.81 | 2,583.13 | 2,582.70 | 15.26 | 1.25 | 59.72 | 1,179.59 | -2,896.88 | 2,735.36 | 2,720.02 | 15.34 | 178.348 | | |
| 2,900.00 | 2,781.77 | 2,680.55 | 2,680.06 | 16.01 | 1.27 | 60.44 | 1,182.83 | -2,896.26 | 2,717.27 | 2,701.19 | 16.09 | 168.917 | | |
| 3,000.00 | 2,874.74 | 2,784.81 | 2,784.27 | 16.76 | 1.29 | 61.23 | 1,186.11 | -2,895.38 | 2,699.38 | 2,682.54 | 16.84 | 160.280 | | |
| 3,100.00 | 2,967.71 | 2,878.30 | 2,877.71 | 17.52 | 1.31 | 61.94 | 1,188.79 | -2,894.41 | 2,681.64 | 2,664.04 | 17.60 | 152.336 | | |
| 3,200.00 | 3,060.68 | 2,971.40 | 2,970.77 | 18.27 | 1.32 | 62.66 | 1,191.45 | -2,893.46 | 2,664.35 | 2,645.98 | 18.37 | 145.017 | | |
| 3,300.00 | 3,153.65 | 3,060.96 | 3,060.30 | 19.03 | 1.34 | 63.35 | 1,193.65 | -2,892.79 | 2,647.51 | 2,628.36 | 19.15 | 138.257 | | |
| 3,400.00 | 3,246.61 | 3,155.95 | 3,155.27 | 19.78 | 1.36 | 64.07 | 1,195.69 | -2,892.40 | 2,631.21 | 2,611.27 | 19.93 | 132.009 | | |
| 3,500.00 | 3,339.58 | 3,260.15 | 3,259.45 | 20.54 | 1.38 | 64.88 | 1,197.41 | -2,891.96 | 2,615.07 | 2,594.35 | 20.72 | 126.222 | | |
| 3,600.00 | 3,432.55 | 3,353.64 | 3,352.93 | 21.30 | 1.40 | 65.60 | 1,198.58 | -2,891.43 | 2,599.04 | 2,577.53 | 21.51 | 120.830 | | |
| 3,700.00 | 3,525.52 | 3,443.56 | 3,442.84 | 22.06 | 1.42 | 66.29 | 1,199.49 | -2,891.30 | 2,583.63 | 2,561.32 | 22.31 | 115.807 | | |
| 3,800.00 | 3,618.49 | 3,536.58 | 3,535.86 | 22.82 | 1.44 | 67.01 | 1,200.17 | -2,891.35 | 2,568.65 | 2,545.54 | 23.12 | 111.115 | | |
| 3,900.00 | 3,711.45 | 3,625.58 | 3,624.86 | 23.57 | 1.46 | 67.70 | 1,200.90 | -2,891.42 | 2,554.20 | 2,530.27 | 23.93 | 106.734 | | |
| 4,000.00 | 3,804.42 | 3,713.11 | 3,712.39 | 24.33 | 1.49 | 68.40 | 1,201.91 | -2,891.50 | 2,540.41 | 2,515.66 | 24.75 | 102.648 | | |
| 4,100.00 | 3,897.39 | 3,809.53 | 3,808.79 | 25.09 | 1.51 | 69.18 | 1,203.26 | -2,891.38 | 2,527.10 | 2,501.53 | 25.57 | 98.832 | | |
| 4,200.00 | 3,990.36 | 3,889.78 | 3,889.03 | 25.86 | 1.53 | 69.83 | 1,204.48 | -2,891.43 | 2,514.48 | 2,488.08 | 26.40 | 95.258 | | |
| 4,300.00 | 4,083.32 | 3,985.33 | 3,984.57 | 26.62 | 1.56 | 70.61 | 1,206.01 | -2,891.65 | 2,502.53 | 2,475.30 | 27.23 | 91.913 | | |
| 4,400.00 | 4,176.29 | 4,080.48 | 4,079.71 | 27.38 | 1.59 | 71.40 | 1,207.46 | -2,891.76 | 2,490.95 | 2,462.89 | 28.06 | 88.767 | | |
| 4,500.00 | 4,269.26 | 4,171.00 | 4,170.22 | 28.14 | 1.61 | 72.15 | 1,208.68 | -2,891.99 | 2,479.86 | 2,450.96 | 28.90 | 85.810 | | |
| 4,600.00 | 4,362.23 | 4,250.69 | 4,249.90 | 28.90 | 1.64 | 72.81 | 1,209.88 | -2,892.37 | 2,469.54 | 2,439.80 | 29.74 | 83.037 | | |
| 4,700.00 | 4,455.20 | 4,332.44 | 4,331.64 | 29.66 | 1.66 | 73.49 | 1,211.33 | -2,893.33 | 2,460.32 | 2,429.74 | 30.58 | 80.449 | | |
| 4,800.00 | 4,548.16 | 4,425.41 | 4,424.58 | 30.43 | 1.69 | 74.27 | 1,212.97 | -2,894.56 | 2,451.73 | 2,420.30 | 31.43 | 78.012 | | |
| 4,900.00 | 4,641.13 | 4,517.01 | 4,516.15 | 31.19 | 1.72 | 75.03 | 1,214.49 | -2,896.01 | 2,443.73 | 2,411.46 | 32.27 | 75.720 | | |
| 5,000.00 | 4,734.10 | 4,615.56 | 4,614.69 | 31.95 | 1.75 | 75.85 | 1,215.77 | -2,897.80 | 2,436.14 | 2,403.02 | 33.12 | 73.557 | | |
| 5,100.00 | 4,827.07 | 4,711.85 | 4,710.95 | 32.71 | 1.78 | 76.64 | 1,216.49 | -2,899.95 | 2,428.90 | 2,394.94 | 33.96 | 71.520 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT DABNEY G 25-6 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,810.47 | 4,809.54 | 33.48 | 1.81 | 77.43 | 1,216.75 | -2,902.49 | 2,422.00 | 2,387.20 | 34.80 | 69.598 | | |
| 5,300.00 | 5,013.00 | 4,912.70 | 4,911.73 | 34.24 | 1.84 | 78.26 | 1,216.65 | -2,905.12 | 2,415.32 | 2,379.69 | 35.63 | 67.780 | | |
| 5,400.00 | 5,105.97 | 5,008.07 | 5,007.07 | 35.00 | 1.86 | 79.04 | 1,216.47 | -2,907.39 | 2,408.94 | 2,372.47 | 36.47 | 66.056 | | |
| 5,500.00 | 5,198.94 | 5,105.15 | 5,104.13 | 35.77 | 1.88 | 79.83 | 1,216.24 | -2,909.57 | 2,402.94 | 2,365.64 | 37.30 | 64.423 | | |
| 5,600.00 | 5,291.91 | 5,199.31 | 5,198.26 | 36.53 | 1.91 | 80.61 | 1,216.01 | -2,911.57 | 2,397.35 | 2,359.22 | 38.13 | 62.876 | | |
| 5,700.00 | 5,384.87 | 5,289.25 | 5,288.19 | 37.29 | 1.93 | 81.36 | 1,215.91 | -2,913.42 | 2,392.33 | 2,353.37 | 38.96 | 61.412 | | |
| 5,800.00 | 5,477.84 | 5,373.79 | 5,372.71 | 38.06 | 1.96 | 82.07 | 1,216.06 | -2,915.18 | 2,388.05 | 2,348.27 | 39.78 | 60.031 | | |
| 5,900.00 | 5,570.81 | 5,459.19 | 5,458.09 | 38.82 | 1.98 | 82.79 | 1,216.59 | -2,916.98 | 2,384.64 | 2,344.04 | 40.60 | 58.729 | | |
| 6,000.00 | 5,663.78 | 5,540.22 | 5,539.10 | 39.59 | 2.01 | 83.48 | 1,217.33 | -2,918.85 | 2,382.10 | 2,340.68 | 41.42 | 57.507 | | |
| 6,100.00 | 5,756.75 | 5,619.22 | 5,618.06 | 40.35 | 2.03 | 84.16 | 1,218.71 | -2,920.66 | 2,380.71 | 2,338.47 | 42.24 | 56.366 | | |
| 6,200.00 | 5,849.71 | 5,707.91 | 5,706.71 | 41.12 | 2.06 | 84.94 | 1,221.00 | -2,922.03 | 2,380.19 | 2,337.14 | 43.05 | 55.288 | | |
| 6,220.15 | 5,868.44 | 5,725.80 | 5,724.59 | 41.27 | 2.07 | 85.10 | 1,221.56 | -2,922.19 | 2,380.17 | 2,336.96 | 43.21 | 55.079 | | |
| 6,300.00 | 5,942.68 | 5,796.30 | 5,795.05 | 41.88 | 2.08 | 85.75 | 1,224.03 | -2,922.45 | 2,380.42 | 2,336.56 | 43.86 | 54.275 | | |
| 6,400.00 | 6,035.65 | 5,912.31 | 5,910.96 | 42.64 | 2.11 | 86.85 | 1,228.44 | -2,921.28 | 2,380.91 | 2,336.24 | 44.67 | 53.299 | | |
| 6,500.00 | 6,128.62 | 6,028.34 | 6,026.88 | 43.41 | 2.12 | 87.98 | 1,232.62 | -2,918.13 | 2,381.15 | 2,335.69 | 45.47 | 52.371 | | |
| 6,600.00 | 6,221.59 | 6,143.67 | 6,142.06 | 44.17 | 2.13 | 89.13 | 1,236.06 | -2,913.50 | 2,381.03 | 2,334.78 | 46.25 | 51.482 | | |
| 6,659.68 | 6,277.07 | 6,205.65 | 6,203.98 | 44.63 | 2.13 | 89.73 | 1,237.36 | -2,911.29 | 2,380.99 | 2,334.28 | 46.71 | 50.974 | | |
| 6,700.00 | 6,314.55 | 6,242.10 | 6,240.41 | 44.94 | 2.13 | 90.09 | 1,238.04 | -2,910.08 | 2,381.06 | 2,334.04 | 47.02 | 50.642 | | |
| 6,800.00 | 6,407.52 | 6,341.07 | 6,339.31 | 45.70 | 2.14 | 91.05 | 1,239.82 | -2,906.69 | 2,381.63 | 2,333.86 | 47.78 | 49.849 | | |
| 6,900.00 | 6,499.98 | 6,453.90 | 6,452.04 | 46.49 | 2.14 | 88.11 | 1,241.28 | -2,902.25 | 2,381.64 | 2,333.09 | 48.55 | 49.059 | | |
| 7,000.00 | 6,586.50 | 6,571.95 | 6,570.00 | 47.49 | 2.13 | 84.08 | 1,241.35 | -2,897.60 | 2,375.43 | 2,325.92 | 49.51 | 47.978 | | |
| 7,100.00 | 6,663.58 | 6,658.15 | 6,656.13 | 48.75 | 2.13 | 83.29 | 1,240.33 | -2,894.29 | 2,362.86 | 2,312.15 | 50.70 | 46.600 | | |
| 7,200.00 | 6,728.87 | 6,723.18 | 6,721.11 | 50.23 | 2.12 | 84.14 | 1,239.25 | -2,892.26 | 2,346.12 | 2,294.02 | 52.11 | 45.025 | | |
| 7,300.00 | 6,780.38 | 6,772.59 | 6,770.50 | 51.91 | 2.12 | 85.88 | 1,238.37 | -2,890.86 | 2,326.80 | 2,273.12 | 53.68 | 43.349 | | |
| 7,400.00 | 6,816.56 | 6,806.58 | 6,804.47 | 53.74 | 2.12 | 87.99 | 1,237.74 | -2,889.94 | 2,306.37 | 2,251.01 | 55.36 | 41.664 | | |
| 7,500.00 | 6,836.29 | 6,823.39 | 6,821.27 | 55.65 | 2.12 | 90.08 | 1,237.43 | -2,889.50 | 2,286.14 | 2,229.05 | 57.08 | 40.050 | | |
| 7,600.00 | 6,840.00 | 6,824.48 | 6,822.36 | 57.58 | 2.11 | 91.32 | 1,237.41 | -2,889.47 | 2,267.26 | 2,208.48 | 58.78 | 38.570 | | |
| 7,700.00 | 6,840.00 | 6,821.88 | 6,819.76 | 59.56 | 2.12 | 91.25 | 1,237.46 | -2,889.54 | 2,252.09 | 2,191.62 | 60.46 | 37.247 | | |
| 7,800.00 | 6,840.00 | 6,819.28 | 6,817.16 | 61.60 | 2.12 | 91.18 | 1,237.51 | -2,889.61 | 2,241.27 | 2,179.15 | 62.12 | 36.080 | | |
| 7,900.00 | 6,840.00 | 6,816.66 | 6,814.54 | 63.69 | 2.12 | 91.12 | 1,237.56 | -2,889.67 | 2,234.88 | 2,171.14 | 63.74 | 35.064 | | |
| 7,993.16 | 6,840.00 | 6,814.21 | 6,812.09 | 65.67 | 2.12 | 91.05 | 1,237.60 | -2,889.74 | 2,232.94 | 2,167.74 | 65.19 | 34.251 CC | | |
| 8,000.00 | 6,840.00 | 6,814.03 | 6,811.91 | 65.82 | 2.12 | 91.05 | 1,237.61 | -2,889.74 | 2,232.95 | 2,167.65 | 65.30 | 34.196 ES | | |
| 8,100.00 | 6,840.00 | 6,811.75 | 6,809.63 | 67.99 | 2.12 | 90.99 | 1,237.65 | -2,889.80 | 2,235.49 | 2,168.70 | 66.79 | 33.471 | | |
| 8,200.00 | 6,840.00 | 6,809.02 | 6,806.90 | 70.21 | 2.12 | 90.92 | 1,237.70 | -2,889.88 | 2,242.49 | 2,174.29 | 68.20 | 32.882 | | |
| 8,300.00 | 6,840.00 | 6,806.27 | 6,804.16 | 72.45 | 2.12 | 90.85 | 1,237.75 | -2,889.95 | 2,253.91 | 2,184.39 | 69.52 | 32.423 | | |
| 8,400.00 | 6,840.00 | 6,803.50 | 6,801.39 | 74.73 | 2.12 | 90.78 | 1,237.80 | -2,890.02 | 2,269.67 | 2,198.94 | 70.73 | 32.088 | | |
| 8,500.00 | 6,840.00 | 6,800.72 | 6,798.61 | 77.04 | 2.12 | 90.71 | 1,237.85 | -2,890.10 | 2,289.70 | 2,217.85 | 71.85 | 31.870 | | |
| 8,600.00 | 6,840.00 | 6,797.92 | 6,795.81 | 79.38 | 2.12 | 90.64 | 1,237.90 | -2,890.17 | 2,313.87 | 2,241.02 | 72.85 | 31.762 | | |
| 8,700.00 | 6,840.00 | 6,795.09 | 6,792.99 | 81.74 | 2.12 | 90.56 | 1,237.96 | -2,890.25 | 2,342.07 | 2,268.32 | 73.75 | 31.758 SF | | |
| 8,800.00 | 6,840.00 | 6,792.25 | 6,790.15 | 84.12 | 2.12 | 90.49 | 1,238.01 | -2,890.32 | 2,374.14 | 2,299.60 | 74.54 | 31.852 | | |
| 8,900.00 | 6,840.00 | 6,789.39 | 6,787.29 | 86.52 | 2.12 | 90.42 | 1,238.06 | -2,890.40 | 2,409.93 | 2,334.71 | 75.22 | 32.037 | | |
| 9,000.00 | 6,840.00 | 6,786.51 | 6,784.41 | 88.94 | 2.12 | 90.34 | 1,238.11 | -2,890.48 | 2,449.29 | 2,373.48 | 75.81 | 32.309 | | |
| 9,100.00 | 6,840.00 | 6,783.60 | 6,781.50 | 91.38 | 2.12 | 90.27 | 1,238.17 | -2,890.56 | 2,492.03 | 2,415.73 | 76.30 | 32.660 | | |
| 9,200.00 | 6,840.00 | 6,780.68 | 6,778.58 | 93.83 | 2.12 | 90.19 | 1,238.22 | -2,890.64 | 2,537.99 | 2,461.29 | 76.71 | 33.087 | | |
| 9,300.00 | 6,840.00 | 6,777.74 | 6,775.64 | 96.30 | 2.12 | 90.12 | 1,238.27 | -2,890.72 | 2,587.00 | 2,509.97 | 77.03 | 33.585 | | |
| 9,400.00 | 6,840.00 | 6,774.78 | 6,772.68 | 98.79 | 2.12 | 90.04 | 1,238.33 | -2,890.80 | 2,638.89 | 2,561.61 | 77.28 | 34.148 | | |
| 9,500.00 | 6,840.00 | 6,771.79 | 6,769.70 | 101.28 | 2.12 | 89.97 | 1,238.38 | -2,890.88 | 2,693.49 | 2,616.03 | 77.46 | 34.773 | | |
| 9,600.00 | 6,840.00 | 6,768.79 | 6,766.70 | 103.79 | 2.12 | 89.89 | 1,238.44 | -2,890.96 | 2,750.64 | 2,673.06 | 77.58 | 35.455 | | |
| 9,700.00 | 6,840.00 | 6,765.76 | 6,763.67 | 106.30 | 2.12 | 89.81 | 1,238.49 | -2,891.05 | 2,810.19 | 2,732.53 | 77.65 | 36.190 | | |
| 9,800.00 | 6,840.00 | 6,762.71 | 6,760.62 | 108.83 | 2.12 | 89.73 | 1,238.55 | -2,891.13 | 2,871.97 | 2,794.30 | 77.67 | 36.976 | | |
| 9,900.00 | 6,840.00 | 6,759.64 | 6,757.56 | 111.37 | 2.12 | 89.66 | 1,238.60 | -2,891.22 | 2,935.87 | 2,858.22 | 77.65 | 37.809 | | |
| 10,000.00 | 6,840.00 | 6,756.55 | 6,754.47 | 113.91 | 2.12 | 89.58 | 1,238.66 | -2,891.30 | 3,001.73 | 2,924.14 | 77.59 | 38.686 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT DABNEY G 25-6 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,100.00 | 6,840.00 | 6,753.44 | 6,751.35 | 116.47 | 2.12 | 89.50 | 1,238.71 | -2,891.39 | 3,069.43 | 2,991.93 | 77.50 | 39.603 | | |
| 10,200.00 | 6,840.00 | 6,750.30 | 6,748.22 | 119.03 | 2.12 | 89.42 | 1,238.77 | -2,891.48 | 3,138.86 | 3,061.47 | 77.39 | 40.560 | | |
| 10,300.00 | 6,840.00 | 6,747.14 | 6,745.06 | 121.59 | 2.12 | 89.33 | 1,238.83 | -2,891.57 | 3,209.90 | 3,132.65 | 77.25 | 41.552 | | |
| 10,400.00 | 6,840.00 | 6,743.96 | 6,741.88 | 124.17 | 2.12 | 89.25 | 1,238.88 | -2,891.66 | 3,282.45 | 3,205.35 | 77.09 | 42.578 | | |
| 10,500.00 | 6,840.00 | 6,740.75 | 6,738.68 | 126.75 | 2.12 | 89.17 | 1,238.94 | -2,891.75 | 3,356.40 | 3,279.48 | 76.92 | 43.636 | | |
| 10,600.00 | 6,840.00 | 6,737.52 | 6,735.45 | 129.34 | 2.12 | 89.09 | 1,239.00 | -2,891.84 | 3,431.67 | 3,354.94 | 76.73 | 44.723 | | |
| 10,700.00 | 6,840.00 | 6,734.27 | 6,732.20 | 131.93 | 2.12 | 89.00 | 1,239.06 | -2,891.94 | 3,508.18 | 3,431.64 | 76.53 | 45.838 | | |
| 10,800.00 | 6,840.00 | 6,730.99 | 6,728.92 | 134.53 | 2.12 | 88.92 | 1,239.12 | -2,892.03 | 3,585.84 | 3,509.51 | 76.33 | 46.979 | | |
| 10,900.00 | 6,840.00 | 6,727.69 | 6,725.62 | 137.13 | 2.12 | 88.84 | 1,239.17 | -2,892.13 | 3,664.58 | 3,588.46 | 76.12 | 48.144 | | |
| 11,000.00 | 6,840.00 | 6,724.37 | 6,722.30 | 139.73 | 2.12 | 88.75 | 1,239.23 | -2,892.22 | 3,744.33 | 3,668.43 | 75.90 | 49.333 | | |
| 11,100.00 | 6,840.00 | 6,721.02 | 6,718.95 | 142.35 | 2.12 | 88.67 | 1,239.29 | -2,892.32 | 3,825.03 | 3,749.35 | 75.68 | 50.543 | | |
| 11,200.00 | 6,840.00 | 6,717.64 | 6,715.58 | 144.96 | 2.12 | 88.58 | 1,239.35 | -2,892.42 | 3,906.62 | 3,831.17 | 75.46 | 51.774 | | |
| 11,300.00 | 6,840.00 | 6,714.24 | 6,712.18 | 147.58 | 2.12 | 88.49 | 1,239.41 | -2,892.52 | 3,989.05 | 3,913.82 | 75.23 | 53.024 | | |
| 11,400.00 | 6,840.00 | 6,710.89 | 6,708.83 | 150.20 | 2.12 | 88.41 | 1,239.32 | -2,892.40 | 4,072.25 | 3,997.23 | 75.02 | 54.281 | | |
| 11,500.00 | 6,840.00 | 6,707.54 | 6,705.48 | 152.83 | 2.13 | 88.46 | 1,239.43 | -2,892.56 | 4,156.21 | 4,081.41 | 74.79 | 55.568 | | |
| 11,600.00 | 6,840.00 | 6,704.24 | 6,702.18 | 155.46 | 2.13 | 88.31 | 1,239.54 | -2,892.74 | 4,240.86 | 4,166.29 | 74.57 | 56.872 | | |
| 11,700.00 | 6,840.00 | 6,700.89 | 6,698.83 | 158.09 | 2.13 | 88.15 | 1,239.65 | -2,892.92 | 4,326.15 | 4,251.81 | 74.34 | 58.192 | | |
| 11,800.00 | 6,840.00 | 6,697.54 | 6,695.48 | 160.73 | 2.13 | 87.98 | 1,239.76 | -2,893.12 | 4,412.06 | 4,337.94 | 74.12 | 59.526 | | |
| 11,900.00 | 6,840.00 | 6,694.19 | 6,692.13 | 163.36 | 2.13 | 87.80 | 1,239.87 | -2,893.33 | 4,498.55 | 4,424.65 | 73.90 | 60.874 | | |
| 12,000.00 | 6,840.00 | 6,690.84 | 6,688.78 | 166.01 | 2.13 | 87.62 | 1,239.99 | -2,893.56 | 4,585.59 | 4,511.91 | 73.68 | 62.236 | | |
| 12,100.00 | 6,840.00 | 6,687.49 | 6,685.43 | 168.65 | 2.13 | 87.42 | 1,240.11 | -2,893.81 | 4,673.13 | 4,599.67 | 73.47 | 63.610 | | |
| 12,200.00 | 6,840.00 | 6,684.14 | 6,682.08 | 171.30 | 2.13 | 87.22 | 1,240.24 | -2,894.07 | 4,761.17 | 4,687.91 | 73.25 | 64.996 | | |
| 12,300.00 | 6,840.00 | 6,680.79 | 6,678.73 | 173.94 | 2.13 | 87.00 | 1,240.36 | -2,894.36 | 4,849.66 | 4,776.61 | 73.04 | 66.393 | | |
| 12,400.00 | 6,840.00 | 6,677.44 | 6,675.38 | 176.59 | 2.13 | 86.78 | 1,240.49 | -2,894.67 | 4,938.58 | 4,865.74 | 72.84 | 67.802 | | |
| 12,500.00 | 6,840.00 | 6,674.09 | 6,672.03 | 179.25 | 2.13 | 86.54 | 1,240.62 | -2,895.01 | 5,027.91 | 4,955.28 | 72.64 | 69.221 | | |
| 12,600.00 | 6,840.00 | 6,670.74 | 6,668.68 | 181.90 | 2.13 | 86.28 | 1,240.75 | -2,895.38 | 5,117.64 | 5,045.20 | 72.44 | 70.650 | | |
| 12,700.00 | 6,840.00 | 6,667.39 | 6,665.33 | 184.56 | 2.13 | 86.02 | 1,240.88 | -2,895.78 | 5,207.72 | 5,135.48 | 72.24 | 72.089 | | |
| 12,800.00 | 6,840.00 | 6,664.04 | 6,661.98 | 187.22 | 2.13 | 85.73 | 1,241.02 | -2,896.22 | 5,298.16 | 5,226.11 | 72.05 | 73.537 | | |
| 12,900.00 | 6,840.00 | 6,660.69 | 6,658.63 | 189.88 | 2.13 | 85.51 | 1,241.12 | -2,896.57 | 5,388.93 | 5,317.06 | 71.86 | 74.989 | | |
| 13,000.00 | 6,840.00 | 6,657.34 | 6,655.28 | 192.54 | 2.13 | 85.38 | 1,241.17 | -2,896.78 | 5,480.01 | 5,408.32 | 71.69 | 76.440 | | |
| 13,100.00 | 6,840.00 | 6,653.99 | 6,651.93 | 195.20 | 2.13 | 85.25 | 1,241.22 | -2,896.99 | 5,571.40 | 5,499.87 | 71.52 | 77.898 | | |
| 13,200.00 | 6,840.00 | 6,650.64 | 6,648.58 | 197.87 | 2.13 | 85.12 | 1,241.27 | -2,897.20 | 5,663.07 | 5,591.71 | 71.36 | 79.363 | | |
| 13,300.00 | 6,840.00 | 6,647.29 | 6,645.23 | 200.53 | 2.13 | 84.99 | 1,241.31 | -2,897.41 | 5,755.01 | 5,683.82 | 71.20 | 80.833 | | |
| 13,400.00 | 6,840.00 | 6,643.94 | 6,641.88 | 203.20 | 2.13 | 84.86 | 1,241.35 | -2,897.61 | 5,847.22 | 5,776.18 | 71.04 | 82.309 | | |
| 13,500.00 | 6,840.00 | 6,640.59 | 6,638.53 | 205.87 | 2.14 | 84.73 | 1,241.39 | -2,897.81 | 5,939.68 | 5,868.79 | 70.89 | 83.790 | | |
| 13,600.00 | 6,840.00 | 6,637.24 | 6,635.18 | 208.54 | 2.14 | 84.60 | 1,241.42 | -2,898.02 | 6,032.37 | 5,961.63 | 70.74 | 85.276 | | |
| 13,700.00 | 6,840.00 | 6,633.89 | 6,631.83 | 211.22 | 2.14 | 84.48 | 1,241.45 | -2,898.22 | 6,125.29 | 6,054.70 | 70.60 | 86.766 | | |
| 13,800.00 | 6,840.00 | 6,630.54 | 6,628.48 | 213.89 | 2.14 | 84.35 | 1,241.47 | -2,898.42 | 6,218.43 | 6,147.97 | 70.46 | 88.261 | | |
| 13,900.00 | 6,840.00 | 6,627.19 | 6,625.13 | 216.56 | 2.14 | 84.22 | 1,241.49 | -2,898.61 | 6,311.77 | 6,241.45 | 70.32 | 89.760 | | |
| 14,000.00 | 6,840.00 | 6,623.84 | 6,621.78 | 219.24 | 2.14 | 84.10 | 1,241.51 | -2,898.81 | 6,405.31 | 6,335.13 | 70.19 | 91.262 | | |
| 14,100.00 | 6,840.00 | 6,620.49 | 6,618.43 | 221.92 | 2.14 | 83.97 | 1,241.52 | -2,899.00 | 6,499.04 | 6,428.98 | 70.06 | 92.768 | | |
| 14,200.00 | 6,840.00 | 6,617.14 | 6,615.08 | 224.59 | 2.14 | 83.85 | 1,241.53 | -2,899.20 | 6,592.95 | 6,523.02 | 69.93 | 94.277 | | |
| 14,300.00 | 6,840.00 | 6,613.79 | 6,611.73 | 227.27 | 2.14 | 83.73 | 1,241.54 | -2,899.39 | 6,687.04 | 6,617.23 | 69.81 | 95.789 | | |
| 14,400.00 | 6,840.00 | 6,610.44 | 6,608.38 | 229.95 | 2.14 | 83.60 | 1,241.54 | -2,899.58 | 6,781.29 | 6,711.60 | 69.69 | 97.304 | | |
| 14,500.00 | 6,840.00 | 6,607.09 | 6,605.03 | 232.63 | 2.14 | 83.48 | 1,241.54 | -2,899.77 | 6,875.70 | 6,806.12 | 69.58 | 98.821 | | |
| 14,600.00 | 6,840.00 | 6,603.74 | 6,601.68 | 235.31 | 2.14 | 83.44 | 1,241.55 | -2,899.83 | 6,970.26 | 6,900.79 | 69.47 | 100.331 | | |
| 14,700.00 | 6,840.00 | 6,600.39 | 6,598.33 | 238.00 | 2.14 | 83.29 | 1,241.54 | -2,900.06 | 7,064.98 | 6,995.62 | 69.36 | 101.857 | | |
| 14,800.00 | 6,840.00 | 6,597.04 | 6,594.98 | 240.68 | 2.14 | 83.14 | 1,241.53 | -2,900.30 | 7,159.83 | 7,090.58 | 69.25 | 103.384 | | |
| 14,900.00 | 6,840.00 | 6,593.69 | 6,591.63 | 243.36 | 2.14 | 82.99 | 1,241.51 | -2,900.53 | 7,254.82 | 7,185.67 | 69.15 | 104.914 | | |
| 15,000.00 | 6,840.00 | 6,590.34 | 6,588.28 | 246.05 | 2.14 | 82.83 | 1,241.49 | -2,900.77 | 7,349.94 | 7,280.89 | 69.05 | 106.445 | | |
| 15,100.00 | 6,840.00 | 6,587.00 | 6,584.94 | 248.74 | 2.14 | 82.68 | 1,241.47 | -2,901.00 | 7,445.18 | 7,376.23 | 68.95 | 107.979 | | |
| 15,200.00 | 6,840.00 | 6,583.65 | 6,581.59 | 251.42 | 2.14 | 82.53 | 1,241.44 | -2,901.24 | 7,540.54 | 7,471.69 | 68.85 | 109.514 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT DABNEY G 25-6 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,300.00 | 6,840.00 | 6,473.35 | 6,471.48 | 254.11 | 2.14 | 82.37 | 1,241.41 | -2,901.49 | 7,636.02 | 7,567.26 | 68.76 | 111.050 | | |
| 15,400.00 | 6,840.00 | 6,467.15 | 6,465.28 | 256.80 | 2.14 | 82.22 | 1,241.37 | -2,901.73 | 7,731.61 | 7,662.94 | 68.67 | 112.588 | | |
| 15,500.00 | 6,840.00 | 6,460.92 | 6,459.06 | 259.49 | 2.14 | 82.06 | 1,241.33 | -2,901.98 | 7,827.31 | 7,758.73 | 68.58 | 114.126 | | |
| 15,600.00 | 6,840.00 | 6,454.66 | 6,452.80 | 262.17 | 2.14 | 81.90 | 1,241.28 | -2,902.22 | 7,923.11 | 7,854.61 | 68.50 | 115.666 | | |
| 15,700.00 | 6,840.00 | 6,448.36 | 6,446.50 | 264.86 | 2.14 | 81.74 | 1,241.23 | -2,902.47 | 8,019.01 | 7,950.59 | 68.42 | 117.207 | | |
| 15,800.00 | 6,840.00 | 6,442.03 | 6,440.17 | 267.55 | 2.14 | 81.58 | 1,241.18 | -2,902.73 | 8,115.01 | 8,046.67 | 68.34 | 118.749 | | |
| 15,900.00 | 6,840.00 | 6,435.66 | 6,433.81 | 270.25 | 2.14 | 81.42 | 1,241.12 | -2,902.98 | 8,211.09 | 8,142.83 | 68.26 | 120.291 | | |
| 16,000.00 | 6,840.00 | 6,429.26 | 6,427.42 | 272.94 | 2.14 | 81.26 | 1,241.05 | -2,903.24 | 8,307.27 | 8,239.09 | 68.18 | 121.834 | | |
| 16,100.00 | 6,840.00 | 6,422.82 | 6,420.99 | 275.63 | 2.14 | 81.10 | 1,240.99 | -2,903.49 | 8,403.53 | 8,335.42 | 68.11 | 123.378 | | |
| 16,200.00 | 6,840.00 | 6,416.35 | 6,414.52 | 278.32 | 2.14 | 80.94 | 1,240.91 | -2,903.75 | 8,499.88 | 8,431.84 | 68.04 | 124.922 | | |
| 16,300.00 | 6,840.00 | 6,409.85 | 6,408.02 | 281.02 | 2.14 | 80.78 | 1,240.83 | -2,904.02 | 8,596.31 | 8,528.33 | 67.97 | 126.466 | | |
| 16,400.00 | 6,840.00 | 6,403.30 | 6,401.49 | 283.71 | 2.14 | 80.61 | 1,240.75 | -2,904.28 | 8,692.81 | 8,624.91 | 67.91 | 128.010 | | |
| 16,500.00 | 6,840.00 | 6,400.00 | 6,398.18 | 286.40 | 2.14 | 80.53 | 1,240.70 | -2,904.41 | 8,789.39 | 8,721.54 | 67.85 | 129.541 | | |
| 16,600.00 | 6,840.00 | 6,400.00 | 6,398.18 | 289.10 | 2.14 | 80.53 | 1,240.70 | -2,904.41 | 8,886.05 | 8,818.25 | 67.80 | 131.058 | | |
| 16,700.00 | 6,840.00 | 6,400.00 | 6,398.18 | 291.79 | 2.14 | 80.53 | 1,240.70 | -2,904.41 | 8,982.78 | 8,915.02 | 67.76 | 132.574 | | |
| 16,800.00 | 6,840.00 | 6,390.45 | 6,388.64 | 294.49 | 2.14 | 80.29 | 1,240.57 | -2,904.80 | 9,079.57 | 9,011.88 | 67.69 | 134.129 | | |
| 16,900.00 | 6,840.00 | 6,387.77 | 6,385.97 | 297.19 | 2.14 | 80.23 | 1,240.54 | -2,904.91 | 9,176.43 | 9,108.79 | 67.65 | 135.655 | | |
| 17,000.00 | 6,840.00 | 6,385.12 | 6,383.32 | 299.88 | 2.14 | 80.16 | 1,240.50 | -2,905.01 | 9,273.36 | 9,205.76 | 67.60 | 137.179 | | |
| 17,100.00 | 6,840.00 | 6,382.50 | 6,380.70 | 302.58 | 2.14 | 80.10 | 1,240.46 | -2,905.11 | 9,370.35 | 9,302.80 | 67.56 | 138.703 | | |
| 17,200.00 | 6,840.00 | 6,379.89 | 6,378.09 | 305.28 | 2.14 | 80.03 | 1,240.42 | -2,905.22 | 9,467.41 | 9,399.89 | 67.52 | 140.225 | | |
| 17,300.00 | 6,840.00 | 6,377.31 | 6,375.52 | 307.97 | 2.14 | 79.97 | 1,240.39 | -2,905.32 | 9,564.52 | 9,497.05 | 67.48 | 141.746 | | |
| 17,400.00 | 6,840.00 | 6,374.75 | 6,372.96 | 310.67 | 2.14 | 79.90 | 1,240.35 | -2,905.42 | 9,661.69 | 9,594.25 | 67.44 | 143.266 | | |
| 17,500.00 | 6,840.00 | 6,372.22 | 6,370.43 | 313.37 | 2.14 | 79.84 | 1,240.31 | -2,905.52 | 9,758.92 | 9,691.52 | 67.40 | 144.784 | | |
| 17,600.00 | 6,840.00 | 6,369.70 | 6,367.92 | 316.07 | 2.14 | 79.78 | 1,240.27 | -2,905.61 | 9,856.20 | 9,788.83 | 67.37 | 146.301 | | |
| 17,700.00 | 6,840.00 | 6,367.21 | 6,365.43 | 318.77 | 2.14 | 79.72 | 1,240.23 | -2,905.71 | 9,953.54 | 9,886.20 | 67.34 | 147.816 | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT FREEDOM G 25-5 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -73.80 | 1,226.60 | -4,221.46 | 4,396.91 | | | | | |
| 100.00 | 100.00 | 13.00 | 13.00 | 0.13 | 0.10 | -73.80 | 1,226.60 | -4,221.46 | 4,396.05 | 4,395.81 | 0.24 | N/A | | |
| 200.00 | 200.00 | 113.00 | 113.00 | 0.49 | 1.01 | -73.80 | 1,226.60 | -4,221.46 | 4,396.05 | 4,394.54 | 1.51 | 2,920.593 | | |
| 300.00 | 300.00 | 213.00 | 213.00 | 0.85 | 2.76 | -73.80 | 1,226.60 | -4,221.46 | 4,396.05 | 4,392.44 | 3.61 | 1,218.082 | | |
| 400.00 | 400.00 | 313.00 | 313.00 | 1.21 | 4.50 | -73.80 | 1,226.60 | -4,221.46 | 4,396.05 | 4,390.34 | 5.71 | 769.510 | | |
| 500.00 | 500.00 | 413.00 | 413.00 | 1.57 | 6.25 | -73.80 | 1,226.60 | -4,221.46 | 4,396.05 | 4,388.23 | 7.82 | 562.400 | | |
| 600.00 | 599.98 | 512.98 | 512.98 | 1.92 | 7.99 | 42.03 | 1,226.60 | -4,221.46 | 4,394.75 | 4,384.84 | 9.91 | 443.543 | | |
| 700.00 | 699.84 | 612.84 | 612.84 | 2.26 | 9.74 | 42.13 | 1,226.60 | -4,221.46 | 4,390.86 | 4,378.87 | 11.99 | 366.079 | | |
| 800.00 | 799.45 | 712.45 | 712.45 | 2.62 | 11.47 | 42.29 | 1,226.60 | -4,221.46 | 4,384.40 | 4,370.31 | 14.09 | 311.267 | | |
| 900.00 | 898.70 | 811.70 | 811.70 | 2.99 | 13.21 | 42.52 | 1,226.60 | -4,221.46 | 4,375.37 | 4,359.19 | 16.18 | 270.396 | | |
| 1,000.00 | 997.47 | 910.47 | 910.47 | 3.39 | 14.93 | 42.82 | 1,226.60 | -4,221.46 | 4,363.80 | 4,345.52 | 18.28 | 238.700 | | |
| 1,100.00 | 1,095.62 | 1,008.62 | 1,008.62 | 3.81 | 16.64 | 43.18 | 1,226.60 | -4,221.46 | 4,349.73 | 4,329.34 | 20.39 | 213.358 | | |
| 1,200.00 | 1,193.06 | 1,106.06 | 1,106.06 | 4.27 | 18.34 | 43.61 | 1,226.60 | -4,221.46 | 4,333.18 | 4,310.68 | 22.50 | 192.594 | | |
| 1,300.00 | 1,289.64 | 1,202.64 | 1,202.64 | 4.77 | 20.03 | 44.11 | 1,226.60 | -4,221.46 | 4,314.21 | 4,289.59 | 24.62 | 175.238 | | |
| 1,400.00 | 1,385.27 | 1,301.73 | 1,298.27 | 5.31 | 21.76 | 44.69 | 1,226.60 | -4,221.46 | 4,292.87 | 4,266.06 | 26.81 | 160.126 | | |
| 1,500.00 | 1,479.82 | 1,407.18 | 1,392.82 | 5.91 | 23.60 | 45.33 | 1,226.60 | -4,221.46 | 4,269.22 | 4,240.08 | 29.14 | 146.503 | | |
| 1,600.00 | 1,573.19 | 1,486.19 | 1,486.19 | 6.55 | 24.98 | 45.97 | 1,226.60 | -4,221.46 | 4,243.36 | 4,212.32 | 31.05 | 136.681 | | |
| 1,700.00 | 1,666.16 | 1,579.16 | 1,579.16 | 7.23 | 26.60 | 46.32 | 1,226.60 | -4,221.46 | 4,216.89 | 4,183.68 | 33.21 | 126.969 | | |
| 1,800.00 | 1,759.13 | 1,672.13 | 1,672.13 | 7.93 | 28.22 | 46.67 | 1,226.60 | -4,221.46 | 4,190.57 | 4,155.18 | 35.39 | 118.395 | | |
| 1,900.00 | 1,852.10 | 1,765.10 | 1,765.10 | 8.64 | 29.85 | 47.02 | 1,226.60 | -4,221.46 | 4,164.41 | 4,126.82 | 37.59 | 110.780 | | |
| 2,000.00 | 1,945.06 | 1,858.06 | 1,858.06 | 9.35 | 31.47 | 47.38 | 1,226.60 | -4,221.46 | 4,138.42 | 4,098.62 | 39.80 | 103.978 | | |
| 2,100.00 | 2,038.03 | 1,951.03 | 1,951.03 | 10.08 | 33.09 | 47.75 | 1,226.60 | -4,221.46 | 4,112.59 | 4,070.57 | 42.02 | 97.870 | | |
| 2,200.00 | 2,131.00 | 2,044.00 | 2,044.00 | 10.81 | 34.71 | 48.11 | 1,226.60 | -4,221.46 | 4,086.93 | 4,042.68 | 44.25 | 92.359 | | |
| 2,300.00 | 2,223.97 | 2,136.97 | 2,136.97 | 11.54 | 36.34 | 48.49 | 1,226.60 | -4,221.46 | 4,061.44 | 4,014.95 | 46.49 | 87.364 | | |
| 2,400.00 | 2,316.94 | 2,229.94 | 2,229.94 | 12.28 | 37.96 | 48.86 | 1,226.60 | -4,221.46 | 4,036.13 | 3,987.39 | 48.74 | 82.817 | | |
| 2,500.00 | 2,409.90 | 2,322.90 | 2,322.90 | 13.02 | 39.58 | 49.24 | 1,226.60 | -4,221.46 | 4,010.99 | 3,960.00 | 50.99 | 78.663 | | |
| 2,600.00 | 2,502.87 | 2,415.87 | 2,415.87 | 13.77 | 41.20 | 49.63 | 1,226.60 | -4,221.46 | 3,986.04 | 3,932.79 | 53.25 | 74.854 | | |
| 2,700.00 | 2,595.84 | 2,508.84 | 2,508.84 | 14.51 | 42.83 | 50.02 | 1,226.60 | -4,221.46 | 3,961.27 | 3,905.75 | 55.52 | 71.349 | | |
| 2,800.00 | 2,688.81 | 2,601.81 | 2,601.81 | 15.26 | 44.45 | 50.41 | 1,226.60 | -4,221.46 | 3,936.69 | 3,878.90 | 57.79 | 68.116 | | |
| 2,900.00 | 2,781.77 | 2,705.23 | 2,694.77 | 16.01 | 46.26 | 50.81 | 1,226.60 | -4,221.46 | 3,912.31 | 3,852.05 | 60.26 | 64.926 | | |
| 3,000.00 | 2,874.74 | 2,787.74 | 2,787.74 | 16.76 | 47.70 | 51.21 | 1,226.60 | -4,221.46 | 3,888.12 | 3,825.75 | 62.36 | 62.346 | | |
| 3,100.00 | 2,967.71 | 2,880.71 | 2,880.71 | 17.52 | 49.32 | 51.62 | 1,226.60 | -4,221.46 | 3,864.13 | 3,799.47 | 64.66 | 59.763 | | |
| 3,200.00 | 3,060.68 | 2,973.68 | 2,973.68 | 18.27 | 50.94 | 52.03 | 1,226.60 | -4,221.46 | 3,840.34 | 3,773.38 | 66.96 | 57.355 | | |
| 3,300.00 | 3,153.65 | 3,066.65 | 3,066.65 | 19.03 | 52.56 | 52.45 | 1,226.60 | -4,221.46 | 3,816.76 | 3,747.50 | 69.26 | 55.105 | | |
| 3,400.00 | 3,246.61 | 3,159.61 | 3,159.61 | 19.78 | 54.19 | 52.87 | 1,226.60 | -4,221.46 | 3,793.39 | 3,721.82 | 71.58 | 52.999 | | |
| 3,500.00 | 3,339.58 | 3,252.58 | 3,252.58 | 20.54 | 55.81 | 53.30 | 1,226.60 | -4,221.46 | 3,770.24 | 3,696.35 | 73.89 | 51.023 | | |
| 3,600.00 | 3,432.55 | 3,345.55 | 3,345.55 | 21.30 | 57.43 | 53.73 | 1,226.60 | -4,221.46 | 3,747.31 | 3,671.09 | 76.22 | 49.167 | | |
| 3,700.00 | 3,525.52 | 3,438.52 | 3,438.52 | 22.06 | 59.05 | 54.16 | 1,226.60 | -4,221.46 | 3,724.60 | 3,646.05 | 78.54 | 47.420 | | |
| 3,800.00 | 3,618.49 | 3,531.49 | 3,531.49 | 22.82 | 60.68 | 54.61 | 1,226.60 | -4,221.46 | 3,702.11 | 3,621.23 | 80.88 | 45.773 | | |
| 3,900.00 | 3,711.45 | 3,624.45 | 3,624.45 | 23.57 | 62.30 | 55.05 | 1,226.60 | -4,221.46 | 3,679.86 | 3,596.64 | 83.22 | 44.219 | | |
| 4,000.00 | 3,804.42 | 3,717.42 | 3,717.42 | 24.33 | 63.92 | 55.50 | 1,226.60 | -4,221.46 | 3,657.84 | 3,572.28 | 85.56 | 42.749 | | |
| 4,100.00 | 3,897.39 | 3,810.39 | 3,810.39 | 25.09 | 65.54 | 55.96 | 1,226.60 | -4,221.46 | 3,636.07 | 3,548.15 | 87.92 | 41.358 | | |
| 4,200.00 | 3,990.36 | 3,903.36 | 3,903.36 | 25.86 | 67.17 | 56.42 | 1,226.60 | -4,221.46 | 3,614.53 | 3,524.26 | 90.27 | 40.040 | | |
| 4,300.00 | 4,083.32 | 4,003.68 | 3,996.32 | 26.62 | 68.92 | 56.88 | 1,226.60 | -4,221.46 | 3,593.25 | 3,500.49 | 92.76 | 38.736 | | |
| 4,400.00 | 4,176.29 | 4,089.29 | 4,089.29 | 27.38 | 70.41 | 57.35 | 1,226.60 | -4,221.46 | 3,572.22 | 3,477.22 | 95.00 | 37.602 | | |
| 4,500.00 | 4,269.26 | 4,182.26 | 4,182.26 | 28.14 | 72.03 | 57.83 | 1,226.60 | -4,221.46 | 3,551.45 | 3,454.07 | 97.37 | 36.472 | | |
| 4,600.00 | 4,362.23 | 4,275.23 | 4,275.23 | 28.90 | 73.66 | 58.31 | 1,226.60 | -4,221.46 | 3,530.94 | 3,431.18 | 99.75 | 35.397 | | |
| 4,700.00 | 4,455.20 | 4,368.20 | 4,368.20 | 29.66 | 75.28 | 58.80 | 1,226.60 | -4,221.46 | 3,510.69 | 3,408.56 | 102.13 | 34.373 | | |
| 4,800.00 | 4,548.16 | 4,461.16 | 4,461.16 | 30.43 | 76.90 | 59.29 | 1,226.60 | -4,221.46 | 3,490.72 | 3,386.20 | 104.52 | 33.397 | | |
| 4,900.00 | 4,641.13 | 4,554.13 | 4,554.13 | 31.19 | 78.52 | 59.78 | 1,226.60 | -4,221.46 | 3,471.02 | 3,364.11 | 106.91 | 32.465 | | |
| 5,000.00 | 4,734.10 | 4,647.10 | 4,647.10 | 31.95 | 80.15 | 60.28 | 1,226.60 | -4,221.46 | 3,451.60 | 3,342.29 | 109.31 | 31.576 | | |
| 5,100.00 | 4,827.07 | 4,740.07 | 4,740.07 | 32.71 | 81.77 | 60.79 | 1,226.60 | -4,221.46 | 3,432.47 | 3,320.76 | 111.71 | 30.725 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT FREEDOM G 25-5 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,833.04 | 4,833.04 | 33.48 | 83.39 | 61.30 | 1,226.60 | -4,221.46 | 3,413.63 | 3,299.51 | 114.12 | 29.912 | | |
| 5,300.00 | 5,013.00 | 4,926.00 | 4,926.00 | 34.24 | 85.02 | 61.81 | 1,226.60 | -4,221.46 | 3,395.09 | 3,278.55 | 116.53 | 29.134 | | |
| 5,400.00 | 5,105.97 | 5,018.97 | 5,018.97 | 35.00 | 86.64 | 62.33 | 1,226.60 | -4,221.46 | 3,376.84 | 3,257.89 | 118.95 | 28.389 | | |
| 5,500.00 | 5,198.94 | 5,111.94 | 5,111.94 | 35.77 | 88.26 | 62.86 | 1,226.60 | -4,221.46 | 3,358.90 | 3,237.53 | 121.37 | 27.674 | | |
| 5,600.00 | 5,291.91 | 5,204.91 | 5,204.91 | 36.53 | 89.88 | 63.39 | 1,226.60 | -4,221.46 | 3,341.27 | 3,217.47 | 123.80 | 26.990 | | |
| 5,700.00 | 5,384.87 | 5,302.13 | 5,297.87 | 37.29 | 91.58 | 63.93 | 1,226.60 | -4,221.46 | 3,323.96 | 3,197.66 | 126.30 | 26.318 | | |
| 5,800.00 | 5,477.84 | 5,409.16 | 5,390.84 | 38.06 | 93.45 | 64.47 | 1,226.60 | -4,221.46 | 3,306.96 | 3,177.98 | 128.98 | 25.639 | | |
| 5,900.00 | 5,570.81 | 5,483.81 | 5,483.81 | 38.82 | 94.75 | 65.01 | 1,226.60 | -4,221.46 | 3,290.29 | 3,159.19 | 131.10 | 25.098 | | |
| 6,000.00 | 5,663.78 | 5,576.78 | 5,576.78 | 39.59 | 96.37 | 65.56 | 1,226.60 | -4,221.46 | 3,273.95 | 3,140.41 | 133.54 | 24.517 | | |
| 6,100.00 | 5,756.75 | 5,669.75 | 5,669.75 | 40.35 | 98.00 | 66.12 | 1,226.60 | -4,221.46 | 3,257.94 | 3,121.96 | 135.98 | 23.958 | | |
| 6,200.00 | 5,849.71 | 5,762.71 | 5,762.71 | 41.12 | 99.62 | 66.68 | 1,226.60 | -4,221.46 | 3,242.27 | 3,103.84 | 138.43 | 23.421 | | |
| 6,300.00 | 5,942.68 | 5,855.68 | 5,855.68 | 41.88 | 101.24 | 67.24 | 1,226.60 | -4,221.46 | 3,226.95 | 3,086.06 | 140.88 | 22.905 | | |
| 6,400.00 | 6,035.65 | 5,948.65 | 5,948.65 | 42.64 | 102.86 | 67.81 | 1,226.60 | -4,221.46 | 3,211.97 | 3,068.64 | 143.34 | 22.408 | | |
| 6,500.00 | 6,128.62 | 6,041.62 | 6,041.62 | 43.41 | 104.49 | 68.39 | 1,226.60 | -4,221.46 | 3,197.35 | 3,051.56 | 145.80 | 21.930 | | |
| 6,600.00 | 6,221.59 | 6,134.59 | 6,134.59 | 44.17 | 106.11 | 68.97 | 1,226.60 | -4,221.46 | 3,183.09 | 3,034.84 | 148.26 | 21.470 | | |
| 6,700.00 | 6,314.55 | 6,227.55 | 6,227.55 | 44.94 | 107.73 | 69.55 | 1,226.60 | -4,221.46 | 3,169.20 | 3,018.48 | 150.72 | 21.027 | | |
| 6,800.00 | 6,407.52 | 6,320.52 | 6,320.52 | 45.70 | 109.35 | 70.14 | 1,226.60 | -4,221.46 | 3,155.67 | 3,002.49 | 153.18 | 20.601 | | |
| 6,900.00 | 6,499.98 | 6,412.98 | 6,412.98 | 46.49 | 110.97 | 70.78 | 1,226.60 | -4,221.46 | 3,141.45 | 2,985.79 | 155.66 | 20.181 | | |
| 7,000.00 | 6,586.50 | 6,500.50 | 6,499.50 | 47.49 | 112.50 | 71.45 | 1,226.60 | -4,221.46 | 3,127.52 | 2,969.27 | 158.25 | 19.700 | | |
| 7,100.00 | 6,663.58 | 6,576.58 | 6,576.58 | 48.75 | 113.82 | 72.14 | 1,226.60 | -4,221.46 | 3,113.87 | 2,952.90 | 160.86 | 19.251 | | |
| 7,200.00 | 6,728.87 | 6,641.87 | 6,641.87 | 50.23 | 114.96 | 72.86 | 1,226.60 | -4,221.46 | 3,100.41 | 2,936.72 | 163.50 | 18.826 | | |
| 7,300.00 | 6,780.38 | 6,706.62 | 6,693.38 | 51.91 | 116.09 | 73.60 | 1,226.60 | -4,221.46 | 3,087.15 | 2,920.72 | 166.29 | 18.423 | | |
| 7,400.00 | 6,816.56 | 6,729.56 | 6,729.56 | 53.74 | 116.49 | 74.37 | 1,226.60 | -4,221.46 | 3,074.04 | 2,904.87 | 169.10 | 18.039 | | |
| 7,500.00 | 6,836.29 | 6,749.29 | 6,749.29 | 55.65 | 116.84 | 75.17 | 1,226.60 | -4,221.46 | 3,061.04 | 2,889.14 | 171.94 | 17.674 | | |
| 7,600.00 | 6,840.00 | 6,753.00 | 6,753.00 | 57.58 | 116.90 | 76.00 | 1,226.60 | -4,221.46 | 3,048.14 | 2,873.54 | 174.80 | 17.327 | | |
| 7,700.00 | 6,840.00 | 6,753.00 | 6,753.00 | 59.56 | 116.90 | 76.94 | 1,226.60 | -4,221.46 | 3,035.34 | 2,858.02 | 177.69 | 16.996 | | |
| 7,800.00 | 6,840.00 | 6,753.00 | 6,753.00 | 61.60 | 116.90 | 77.94 | 1,226.60 | -4,221.46 | 3,022.64 | 2,842.58 | 180.60 | 16.679 | | |
| 7,900.00 | 6,840.00 | 6,753.00 | 6,753.00 | 63.69 | 116.90 | 79.00 | 1,226.60 | -4,221.46 | 3,010.04 | 2,827.20 | 183.54 | 16.374 | | |
| 8,000.00 | 6,840.00 | 6,753.00 | 6,753.00 | 65.82 | 116.90 | 80.14 | 1,226.60 | -4,221.46 | 2,997.54 | 2,811.87 | 186.50 | 16.080 | | |
| 8,100.00 | 6,840.00 | 6,753.00 | 6,753.00 | 67.99 | 116.90 | 81.34 | 1,226.60 | -4,221.46 | 2,985.14 | 2,796.59 | 189.50 | 15.796 | | |
| 8,200.00 | 6,840.00 | 6,753.00 | 6,753.00 | 70.21 | 116.90 | 82.60 | 1,226.60 | -4,221.46 | 2,972.84 | 2,781.36 | 192.50 | 15.522 | | |
| 8,300.00 | 6,840.00 | 6,753.00 | 6,753.00 | 72.45 | 116.90 | 83.90 | 1,226.60 | -4,221.46 | 2,960.64 | 2,766.17 | 195.50 | 15.258 | | |
| 8,400.00 | 6,840.00 | 6,753.00 | 6,753.00 | 74.73 | 116.90 | 85.24 | 1,226.60 | -4,221.46 | 2,948.54 | 2,751.02 | 198.50 | 14.994 | | |
| 8,500.00 | 6,840.00 | 6,753.00 | 6,753.00 | 77.04 | 116.90 | 86.62 | 1,226.60 | -4,221.46 | 2,936.54 | 2,735.91 | 201.50 | 14.730 | | |
| 8,600.00 | 6,840.00 | 6,753.00 | 6,753.00 | 79.38 | 116.90 | 88.04 | 1,226.60 | -4,221.46 | 2,924.64 | 2,720.84 | 204.50 | 14.466 | | |
| 8,700.00 | 6,840.00 | 6,753.00 | 6,753.00 | 81.74 | 116.90 | 89.50 | 1,226.60 | -4,221.46 | 2,912.84 | 2,705.81 | 207.50 | 14.202 | | |
| 8,800.00 | 6,840.00 | 6,753.00 | 6,753.00 | 84.12 | 116.90 | 91.00 | 1,226.60 | -4,221.46 | 2,901.14 | 2,690.82 | 210.50 | 13.938 | | |
| 8,900.00 | 6,840.00 | 6,753.00 | 6,753.00 | 86.52 | 116.90 | 92.54 | 1,226.60 | -4,221.46 | 2,889.54 | 2,675.87 | 213.50 | 13.674 | | |
| 9,000.00 | 6,840.00 | 6,753.00 | 6,753.00 | 88.94 | 116.90 | 94.12 | 1,226.60 | -4,221.46 | 2,878.04 | 2,660.96 | 216.50 | 13.410 | | |
| 9,100.00 | 6,840.00 | 6,753.00 | 6,753.00 | 91.38 | 116.90 | 95.74 | 1,226.60 | -4,221.46 | 2,866.54 | 2,646.09 | 219.50 | 13.146 | | |
| 9,200.00 | 6,840.00 | 6,753.00 | 6,753.00 | 93.83 | 116.90 | 97.40 | 1,226.60 | -4,221.46 | 2,855.14 | 2,631.26 | 222.50 | 12.882 | | |
| 9,300.00 | 6,840.00 | 6,753.00 | 6,753.00 | 96.30 | 116.90 | 99.10 | 1,226.60 | -4,221.46 | 2,843.84 | 2,616.47 | 225.50 | 12.618 | | |
| 9,324.81 | 6,840.00 | 6,753.00 | 6,753.00 | 96.92 | 116.90 | 99.84 | 1,226.60 | -4,221.46 | 2,841.24 | 2,614.07 | 226.30 | 12.574 | | |
| 9,400.00 | 6,840.00 | 6,753.00 | 6,753.00 | 98.79 | 116.90 | 100.74 | 1,226.60 | -4,221.46 | 2,838.74 | 2,611.66 | 227.00 | 12.530 | | |
| 9,500.00 | 6,840.00 | 6,753.00 | 6,753.00 | 101.28 | 116.90 | 101.74 | 1,226.60 | -4,221.46 | 2,836.34 | 2,609.24 | 227.70 | 12.486 | | |
| 9,600.00 | 6,840.00 | 6,753.00 | 6,753.00 | 103.79 | 116.90 | 102.80 | 1,226.60 | -4,221.46 | 2,834.04 | 2,606.81 | 228.40 | 12.442 | | |
| 9,700.00 | 6,840.00 | 6,753.00 | 6,753.00 | 106.30 | 116.90 | 103.90 | 1,226.60 | -4,221.46 | 2,831.74 | 2,604.37 | 229.10 | 12.398 | | |
| 9,800.00 | 6,840.00 | 6,753.00 | 6,753.00 | 108.83 | 116.90 | 105.04 | 1,226.60 | -4,221.46 | 2,829.44 | 2,601.92 | 229.80 | 12.354 | | |
| 9,900.00 | 6,840.00 | 6,753.00 | 6,753.00 | 111.37 | 116.90 | 106.24 | 1,226.60 | -4,221.46 | 2,827.14 | 2,599.46 | 230.50 | 12.310 | | |
| 10,000.00 | 6,840.00 | 6,753.00 | 6,753.00 | 113.91 | 116.90 | 107.49 | 1,226.60 | -4,221.46 | 2,824.84 | 2,597.00 | 231.20 | 12.266 | | |
| 10,100.00 | 6,840.00 | 6,753.00 | 6,753.00 | 116.47 | 116.90 | 108.79 | 1,226.60 | -4,221.46 | 2,822.54 | 2,594.53 | 231.90 | 12.222 | | |
| 10,200.00 | 6,840.00 | 6,753.00 | 6,753.00 | 119.03 | 116.90 | 110.14 | 1,226.60 | -4,221.46 | 2,820.24 | 2,592.06 | 232.60 | 12.178 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT FREEDOM G 25-5 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,753.00 | 6,753.00 | 121.59 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 2,420.35 | 2,198.97 | 221.39 | 10.933 | | |
| 10,400.00 | 6,840.00 | 6,753.00 | 6,753.00 | 124.17 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 2,462.35 | 2,240.91 | 221.44 | 11.120 | | |
| 10,500.00 | 6,840.00 | 6,753.00 | 6,753.00 | 126.75 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 2,507.63 | 2,286.25 | 221.37 | 11.328 | | |
| 10,600.00 | 6,840.00 | 6,753.00 | 6,753.00 | 129.34 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 2,556.02 | 2,334.82 | 221.20 | 11.555 | | |
| 10,700.00 | 6,840.00 | 6,753.00 | 6,753.00 | 131.93 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 2,607.35 | 2,386.43 | 220.92 | 11.802 | | |
| 10,800.00 | 6,840.00 | 6,753.00 | 6,753.00 | 134.53 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 2,661.45 | 2,440.88 | 220.57 | 12.066 | | |
| 10,900.00 | 6,840.00 | 6,753.00 | 6,753.00 | 137.13 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 2,718.15 | 2,498.01 | 220.14 | 12.348 | | |
| 11,000.00 | 6,840.00 | 6,753.00 | 6,753.00 | 139.73 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 2,777.30 | 2,557.65 | 219.65 | 12.644 | | |
| 11,100.00 | 6,840.00 | 6,753.00 | 6,753.00 | 142.35 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 2,838.74 | 2,619.63 | 219.10 | 12.956 | | |
| 11,200.00 | 6,840.00 | 6,753.00 | 6,753.00 | 144.96 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 2,902.32 | 2,683.80 | 218.52 | 13.282 | | |
| 11,300.00 | 6,840.00 | 6,753.00 | 6,753.00 | 147.58 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 2,967.91 | 2,750.01 | 217.90 | 13.620 | | |
| 11,400.00 | 6,840.00 | 6,753.00 | 6,753.00 | 150.20 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 3,035.38 | 2,818.12 | 217.26 | 13.971 | | |
| 11,500.00 | 6,840.00 | 6,753.00 | 6,753.00 | 152.83 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 3,104.60 | 2,888.01 | 216.60 | 14.333 | | |
| 11,600.00 | 6,840.00 | 6,753.00 | 6,753.00 | 155.46 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 3,175.47 | 2,959.55 | 215.92 | 14.707 | | |
| 11,700.00 | 6,840.00 | 6,753.00 | 6,753.00 | 158.09 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 3,247.87 | 3,032.63 | 215.24 | 15.090 | | |
| 11,800.00 | 6,840.00 | 6,753.00 | 6,753.00 | 160.73 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 3,321.70 | 3,107.15 | 214.55 | 15.482 | | |
| 11,900.00 | 6,840.00 | 6,753.00 | 6,753.00 | 163.36 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 3,396.87 | 3,183.01 | 213.85 | 15.884 | | |
| 12,000.00 | 6,840.00 | 6,753.00 | 6,753.00 | 166.01 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 3,473.29 | 3,260.13 | 213.17 | 16.294 | | |
| 12,100.00 | 6,840.00 | 6,753.00 | 6,753.00 | 168.65 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 3,550.89 | 3,338.41 | 212.48 | 16.712 | | |
| 12,200.00 | 6,840.00 | 6,753.00 | 6,753.00 | 171.30 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 3,629.58 | 3,417.77 | 211.80 | 17.137 | | |
| 12,300.00 | 6,840.00 | 6,753.00 | 6,753.00 | 173.94 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 3,709.30 | 3,498.16 | 211.13 | 17.569 | | |
| 12,400.00 | 6,840.00 | 6,753.00 | 6,753.00 | 176.59 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 3,789.97 | 3,579.50 | 210.47 | 18.007 | | |
| 12,500.00 | 6,840.00 | 6,753.00 | 6,753.00 | 179.25 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 3,871.56 | 3,661.73 | 209.83 | 18.451 | | |
| 12,600.00 | 6,840.00 | 6,753.00 | 6,753.00 | 181.90 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 3,953.98 | 3,744.79 | 209.19 | 18.901 | | |
| 12,700.00 | 6,840.00 | 6,753.00 | 6,753.00 | 184.56 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 4,037.20 | 3,828.64 | 208.57 | 19.357 | | |
| 12,800.00 | 6,840.00 | 6,753.00 | 6,753.00 | 187.22 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 4,121.17 | 3,913.22 | 207.96 | 19.818 | | |
| 12,900.00 | 6,840.00 | 6,753.00 | 6,753.00 | 189.88 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 4,205.84 | 3,998.48 | 207.36 | 20.283 | | |
| 13,000.00 | 6,840.00 | 6,753.00 | 6,753.00 | 192.54 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 4,291.17 | 4,084.39 | 206.78 | 20.753 | | |
| 13,100.00 | 6,840.00 | 6,753.00 | 6,753.00 | 195.20 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 4,377.12 | 4,170.91 | 206.21 | 21.227 | | |
| 13,200.00 | 6,840.00 | 6,753.00 | 6,753.00 | 197.87 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 4,463.65 | 4,258.00 | 205.66 | 21.704 | | |
| 13,300.00 | 6,840.00 | 6,753.00 | 6,753.00 | 200.53 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 4,550.74 | 4,345.62 | 205.12 | 22.186 | | |
| 13,400.00 | 6,840.00 | 6,753.00 | 6,753.00 | 203.20 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 4,638.35 | 4,433.76 | 204.59 | 22.671 | | |
| 13,500.00 | 6,840.00 | 6,753.00 | 6,753.00 | 205.87 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 4,726.45 | 4,522.37 | 204.08 | 23.160 | | |
| 13,600.00 | 6,840.00 | 6,753.00 | 6,753.00 | 208.54 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 4,815.01 | 4,611.43 | 203.58 | 23.651 | | |
| 13,700.00 | 6,840.00 | 6,753.00 | 6,753.00 | 211.22 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 4,904.02 | 4,700.92 | 203.10 | 24.146 | | |
| 13,800.00 | 6,840.00 | 6,753.00 | 6,753.00 | 213.89 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 4,993.44 | 4,790.81 | 202.63 | 24.643 | | |
| 13,900.00 | 6,840.00 | 6,753.00 | 6,753.00 | 216.56 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 5,083.25 | 4,881.08 | 202.17 | 25.143 | | |
| 14,000.00 | 6,840.00 | 6,753.00 | 6,753.00 | 219.24 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 5,173.44 | 4,971.71 | 201.73 | 25.646 | | |
| 14,100.00 | 6,840.00 | 6,753.00 | 6,753.00 | 221.92 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 5,263.99 | 5,062.69 | 201.30 | 26.150 | | |
| 14,200.00 | 6,840.00 | 6,753.00 | 6,753.00 | 224.59 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 5,354.87 | 5,153.99 | 200.88 | 26.657 | | |
| 14,300.00 | 6,840.00 | 6,753.00 | 6,753.00 | 227.27 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 5,446.07 | 5,245.60 | 200.47 | 27.166 | | |
| 14,400.00 | 6,840.00 | 6,753.00 | 6,753.00 | 229.95 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 5,537.57 | 5,337.49 | 200.07 | 27.678 | | |
| 14,500.00 | 6,840.00 | 6,753.00 | 6,753.00 | 232.63 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 5,629.36 | 5,429.67 | 199.69 | 28.190 | | |
| 14,600.00 | 6,840.00 | 6,753.00 | 6,753.00 | 235.31 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 5,721.43 | 5,522.11 | 199.32 | 28.705 | | |
| 14,700.00 | 6,840.00 | 6,753.00 | 6,753.00 | 238.00 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 5,813.76 | 5,614.80 | 198.95 | 29.222 | | |
| 14,800.00 | 6,840.00 | 6,753.00 | 6,753.00 | 240.68 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 5,906.34 | 5,707.73 | 198.60 | 29.740 | | |
| 14,900.00 | 6,840.00 | 6,753.00 | 6,753.00 | 243.36 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 5,999.15 | 5,800.89 | 198.26 | 30.259 | | |
| 15,000.00 | 6,840.00 | 6,753.00 | 6,753.00 | 246.05 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 6,092.20 | 5,894.27 | 197.93 | 30.780 | | |
| 15,100.00 | 6,840.00 | 6,753.00 | 6,753.00 | 248.74 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 6,185.46 | 5,987.85 | 197.61 | 31.302 | | |
| 15,200.00 | 6,840.00 | 6,753.00 | 6,753.00 | 251.42 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 6,278.93 | 6,081.64 | 197.29 | 31.825 | | |
| 15,300.00 | 6,840.00 | 6,753.00 | 6,753.00 | 254.11 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 6,372.60 | 6,175.61 | 196.99 | 32.350 | | |
| 15,400.00 | 6,840.00 | 6,753.00 | 6,753.00 | 256.80 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 6,466.45 | 6,269.76 | 196.69 | 32.876 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT FREEDOM G 25-5 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,500.00 | 6,840.00 | 6,753.00 | 6,753.00 | 259.49 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 6,560.49 | 6,364.09 | 196.41 | 33.403 | | |
| 15,600.00 | 6,840.00 | 6,753.00 | 6,753.00 | 262.17 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 6,654.71 | 6,458.58 | 196.13 | 33.930 | | |
| 15,700.00 | 6,840.00 | 6,753.00 | 6,753.00 | 264.86 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 6,749.09 | 6,553.23 | 195.86 | 34.459 | | |
| 15,800.00 | 6,840.00 | 6,753.00 | 6,753.00 | 267.55 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 6,843.62 | 6,648.03 | 195.60 | 34.989 | | |
| 15,900.00 | 6,840.00 | 6,753.00 | 6,753.00 | 270.25 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 6,938.32 | 6,742.98 | 195.34 | 35.519 | | |
| 16,000.00 | 6,840.00 | 6,753.00 | 6,753.00 | 272.94 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 7,033.15 | 6,838.06 | 195.09 | 36.050 | | |
| 16,100.00 | 6,840.00 | 6,753.00 | 6,753.00 | 275.63 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 7,128.13 | 6,933.28 | 194.85 | 36.582 | | |
| 16,200.00 | 6,840.00 | 6,753.00 | 6,753.00 | 278.32 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 7,223.25 | 7,028.63 | 194.62 | 37.115 | | |
| 16,300.00 | 6,840.00 | 6,753.00 | 6,753.00 | 281.02 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 7,318.50 | 7,124.10 | 194.39 | 37.648 | | |
| 16,400.00 | 6,840.00 | 6,753.00 | 6,753.00 | 283.71 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 7,413.87 | 7,219.70 | 194.17 | 38.182 | | |
| 16,500.00 | 6,840.00 | 6,753.00 | 6,753.00 | 286.40 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 7,509.36 | 7,315.40 | 193.96 | 38.717 | | |
| 16,600.00 | 6,840.00 | 6,753.00 | 6,753.00 | 289.10 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 7,604.96 | 7,411.22 | 193.75 | 39.252 | | |
| 16,700.00 | 6,840.00 | 6,753.00 | 6,753.00 | 291.79 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 7,700.68 | 7,507.14 | 193.55 | 39.787 | | |
| 16,800.00 | 6,840.00 | 6,753.00 | 6,753.00 | 294.49 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 7,796.51 | 7,603.16 | 193.35 | 40.323 | | |
| 16,900.00 | 6,840.00 | 6,753.00 | 6,753.00 | 297.19 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 7,892.44 | 7,699.28 | 193.16 | 40.860 | | |
| 17,000.00 | 6,840.00 | 6,753.00 | 6,753.00 | 299.88 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 7,988.47 | 7,795.49 | 192.97 | 41.397 | | |
| 17,100.00 | 6,840.00 | 6,753.00 | 6,753.00 | 302.58 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 8,084.60 | 7,891.80 | 192.79 | 41.934 | | |
| 17,200.00 | 6,840.00 | 6,753.00 | 6,753.00 | 305.28 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 8,180.81 | 7,988.19 | 192.62 | 42.471 | | |
| 17,300.00 | 6,840.00 | 6,753.00 | 6,753.00 | 307.97 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 8,277.12 | 8,084.67 | 192.45 | 43.009 | | |
| 17,400.00 | 6,840.00 | 6,753.00 | 6,753.00 | 310.67 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 8,373.52 | 8,181.23 | 192.29 | 43.547 | | |
| 17,500.00 | 6,840.00 | 6,753.00 | 6,753.00 | 313.37 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 8,470.00 | 8,277.87 | 192.13 | 44.086 | | |
| 17,600.00 | 6,840.00 | 6,753.00 | 6,753.00 | 316.07 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 8,566.56 | 8,374.58 | 191.97 | 44.624 | | |
| 17,700.00 | 6,840.00 | 6,753.00 | 6,753.00 | 318.77 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 8,663.19 | 8,471.37 | 191.82 | 45.163 | | |
| 17,800.00 | 6,840.00 | 6,753.00 | 6,753.00 | 321.47 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 8,759.91 | 8,568.23 | 191.67 | 45.702 | | |
| 17,900.00 | 6,840.00 | 6,753.00 | 6,753.00 | 324.17 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 8,856.69 | 8,665.16 | 191.53 | 46.241 | | |
| 18,000.00 | 6,840.00 | 6,753.00 | 6,753.00 | 326.87 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 8,953.55 | 8,762.15 | 191.39 | 46.781 | | |
| 18,100.00 | 6,840.00 | 6,753.00 | 6,753.00 | 329.57 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 9,050.47 | 8,859.21 | 191.26 | 47.320 | | |
| 18,200.00 | 6,840.00 | 6,753.00 | 6,753.00 | 332.27 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 9,147.46 | 8,956.33 | 191.13 | 47.860 | | |
| 18,300.00 | 6,840.00 | 6,753.00 | 6,753.00 | 334.97 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 9,244.52 | 9,053.51 | 191.00 | 48.399 | | |
| 18,400.00 | 6,840.00 | 6,753.00 | 6,753.00 | 337.67 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 9,341.64 | 9,150.75 | 190.88 | 48.939 | | |
| 18,500.00 | 6,840.00 | 6,753.00 | 6,753.00 | 340.38 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 9,438.81 | 9,248.05 | 190.76 | 49.479 | | |
| 18,600.00 | 6,840.00 | 6,753.00 | 6,753.00 | 343.08 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 9,536.05 | 9,345.40 | 190.65 | 50.019 | | |
| 18,700.00 | 6,840.00 | 6,753.00 | 6,753.00 | 345.78 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 9,633.34 | 9,442.80 | 190.54 | 50.559 | | |
| 18,800.00 | 6,840.00 | 6,753.00 | 6,753.00 | 348.48 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 9,730.69 | 9,540.26 | 190.43 | 51.099 | | |
| 18,900.00 | 6,840.00 | 6,753.00 | 6,753.00 | 351.19 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 9,828.09 | 9,637.77 | 190.33 | 51.638 | | |
| 19,000.00 | 6,840.00 | 6,753.00 | 6,753.00 | 353.89 | 116.90 | 90.00 | 1,226.60 | -4,221.46 | 9,925.54 | 9,735.32 | 190.22 | 52.178 | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT RUPERT G 25-4 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -60.00 | 2,443.74 | -4,232.13 | 4,887.58 | | | | | |
| 100.00 | 100.00 | 22.33 | 22.33 | 0.13 | 0.02 | -60.00 | 2,443.76 | -4,232.13 | 4,887.01 | 4,886.85 | 0.16 | N/A | | |
| 200.00 | 200.00 | 112.89 | 112.89 | 0.49 | 0.11 | -59.99 | 2,444.12 | -4,232.09 | 4,887.17 | 4,886.57 | 0.60 | 8,079.268 | | |
| 300.00 | 300.00 | 210.21 | 210.20 | 0.85 | 0.24 | -59.98 | 2,444.85 | -4,231.96 | 4,887.43 | 4,886.34 | 1.09 | 4,485.654 | | |
| 400.00 | 400.00 | 295.32 | 295.32 | 1.21 | 0.31 | -59.98 | 2,445.58 | -4,231.99 | 4,887.89 | 4,886.37 | 1.52 | 3,225.999 | | |
| 500.00 | 500.00 | 399.33 | 399.32 | 1.57 | 0.39 | -59.97 | 2,446.47 | -4,232.16 | 4,888.46 | 4,886.52 | 1.94 | 2,515.224 | | |
| 600.00 | 599.98 | 476.52 | 476.51 | 1.92 | 0.43 | 55.85 | 2,447.18 | -4,232.42 | 4,888.24 | 4,885.91 | 2.33 | 2,095.565 | | |
| 700.00 | 699.84 | 581.34 | 581.32 | 2.26 | 0.49 | 55.94 | 2,448.16 | -4,233.10 | 4,886.33 | 4,883.60 | 2.73 | 1,788.092 | | |
| 800.00 | 799.45 | 669.59 | 669.57 | 2.62 | 0.54 | 56.08 | 2,448.88 | -4,233.66 | 4,882.41 | 4,879.28 | 3.13 | 1,559.057 | | |
| 900.00 | 898.70 | 779.01 | 778.98 | 2.99 | 0.59 | 56.32 | 2,449.81 | -4,234.52 | 4,876.72 | 4,873.17 | 3.55 | 1,373.042 | | |
| 1,000.00 | 997.47 | 892.23 | 892.19 | 3.39 | 0.64 | 56.63 | 2,450.63 | -4,235.03 | 4,868.76 | 4,864.77 | 3.99 | 1,220.603 | | |
| 1,100.00 | 1,095.62 | 983.38 | 983.34 | 3.81 | 0.68 | 56.97 | 2,451.01 | -4,235.52 | 4,858.86 | 4,854.42 | 4.44 | 1,095.253 | | |
| 1,200.00 | 1,193.06 | 1,086.95 | 1,086.90 | 4.27 | 0.73 | 57.40 | 2,451.44 | -4,236.15 | 4,847.18 | 4,842.27 | 4.91 | 986.398 | | |
| 1,300.00 | 1,289.64 | 1,191.91 | 1,191.87 | 4.77 | 0.77 | 57.91 | 2,451.97 | -4,236.51 | 4,833.55 | 4,828.13 | 5.42 | 891.386 | | |
| 1,400.00 | 1,385.27 | 1,292.46 | 1,292.42 | 5.31 | 0.82 | 58.48 | 2,452.41 | -4,236.74 | 4,818.07 | 4,812.11 | 5.96 | 807.882 | | |
| 1,500.00 | 1,479.82 | 1,388.48 | 1,388.43 | 5.91 | 0.86 | 59.10 | 2,452.71 | -4,236.95 | 4,800.87 | 4,794.32 | 6.54 | 733.697 | | |
| 1,600.00 | 1,573.19 | 1,477.21 | 1,477.16 | 6.55 | 0.89 | 59.70 | 2,453.04 | -4,237.15 | 4,782.13 | 4,774.97 | 7.16 | 667.601 | | |
| 1,700.00 | 1,666.16 | 1,571.59 | 1,571.54 | 7.23 | 0.93 | 60.07 | 2,453.56 | -4,237.31 | 4,763.09 | 4,755.28 | 7.81 | 609.809 | | |
| 1,800.00 | 1,759.13 | 1,660.87 | 1,660.82 | 7.93 | 0.96 | 60.43 | 2,453.99 | -4,237.48 | 4,744.25 | 4,735.77 | 8.47 | 559.832 | | |
| 1,900.00 | 1,852.10 | 1,749.52 | 1,749.47 | 8.64 | 1.00 | 60.78 | 2,454.38 | -4,237.81 | 4,725.72 | 4,716.57 | 9.15 | 516.256 | | |
| 2,000.00 | 1,945.06 | 1,832.68 | 1,832.63 | 9.35 | 1.03 | 61.11 | 2,454.78 | -4,238.19 | 4,707.50 | 4,697.66 | 9.85 | 478.161 | | |
| 2,100.00 | 2,038.03 | 1,907.01 | 1,906.96 | 10.08 | 1.06 | 61.41 | 2,455.30 | -4,238.74 | 4,689.82 | 4,679.28 | 10.54 | 444.779 | | |
| 2,200.00 | 2,131.00 | 1,986.85 | 1,986.78 | 10.81 | 1.09 | 61.73 | 2,456.14 | -4,239.46 | 4,672.68 | 4,661.42 | 11.25 | 415.209 | | |
| 2,300.00 | 2,223.97 | 2,083.28 | 2,083.20 | 11.54 | 1.13 | 62.13 | 2,457.41 | -4,240.31 | 4,655.88 | 4,643.91 | 11.98 | 388.778 | | |
| 2,400.00 | 2,316.94 | 2,172.54 | 2,172.45 | 12.28 | 1.16 | 62.50 | 2,458.59 | -4,241.04 | 4,639.28 | 4,626.58 | 12.70 | 365.219 | | |
| 2,500.00 | 2,409.90 | 2,261.68 | 2,261.58 | 13.02 | 1.19 | 62.87 | 2,459.79 | -4,241.89 | 4,623.00 | 4,609.57 | 13.44 | 344.066 | | |
| 2,600.00 | 2,502.87 | 2,357.22 | 2,357.11 | 13.77 | 1.23 | 63.27 | 2,461.14 | -4,242.78 | 4,607.00 | 4,592.82 | 14.18 | 324.949 | | |
| 2,700.00 | 2,595.84 | 2,452.90 | 2,452.78 | 14.51 | 1.27 | 63.68 | 2,462.48 | -4,243.56 | 4,591.13 | 4,576.21 | 14.92 | 307.640 | | |
| 2,800.00 | 2,688.81 | 2,546.30 | 2,546.16 | 15.26 | 1.30 | 64.08 | 2,463.99 | -4,244.17 | 4,575.50 | 4,559.82 | 15.67 | 291.916 | | |
| 2,900.00 | 2,781.77 | 2,641.15 | 2,641.00 | 16.01 | 1.34 | 64.49 | 2,465.43 | -4,244.83 | 4,560.08 | 4,543.66 | 16.43 | 277.554 | | |
| 3,000.00 | 2,874.74 | 2,736.05 | 2,735.88 | 16.76 | 1.37 | 64.90 | 2,466.75 | -4,245.51 | 4,544.87 | 4,527.68 | 17.19 | 264.394 | | |
| 3,100.00 | 2,967.71 | 2,826.08 | 2,825.91 | 17.52 | 1.40 | 65.29 | 2,468.13 | -4,246.05 | 4,529.90 | 4,511.94 | 17.95 | 252.317 | | |
| 3,200.00 | 3,060.68 | 2,913.35 | 2,913.15 | 18.27 | 1.44 | 65.68 | 2,469.52 | -4,246.71 | 4,515.33 | 4,496.61 | 18.72 | 241.203 | | |
| 3,300.00 | 3,153.65 | 3,032.40 | 3,032.20 | 19.03 | 1.48 | 66.20 | 2,471.36 | -4,247.15 | 4,500.69 | 4,481.20 | 19.49 | 230.875 | | |
| 3,400.00 | 3,246.61 | 3,131.17 | 3,130.95 | 19.78 | 1.51 | 66.65 | 2,472.90 | -4,247.15 | 4,486.07 | 4,465.81 | 20.27 | 221.359 | | |
| 3,500.00 | 3,339.58 | 3,225.76 | 3,225.53 | 20.54 | 1.54 | 67.08 | 2,474.55 | -4,246.79 | 4,471.57 | 4,450.53 | 21.04 | 212.531 | | |
| 3,600.00 | 3,432.55 | 3,304.36 | 3,304.12 | 21.30 | 1.56 | 67.44 | 2,476.02 | -4,246.63 | 4,457.53 | 4,435.71 | 21.82 | 204.329 | | |
| 3,700.00 | 3,525.52 | 3,398.22 | 3,397.95 | 22.06 | 1.60 | 67.87 | 2,477.82 | -4,246.56 | 4,443.89 | 4,421.29 | 22.60 | 196.649 | | |
| 3,800.00 | 3,618.49 | 3,459.60 | 3,459.32 | 22.82 | 1.62 | 68.16 | 2,479.13 | -4,246.66 | 4,430.83 | 4,407.45 | 23.38 | 189.502 | | |
| 3,900.00 | 3,711.45 | 3,526.17 | 3,525.87 | 23.57 | 1.64 | 68.47 | 2,480.82 | -4,247.18 | 4,418.71 | 4,394.54 | 24.17 | 182.825 | | |
| 4,000.00 | 3,804.42 | 3,605.21 | 3,604.87 | 24.33 | 1.67 | 68.83 | 2,482.90 | -4,248.16 | 4,407.25 | 4,382.29 | 24.96 | 176.550 | | |
| 4,100.00 | 3,897.39 | 3,704.12 | 3,703.74 | 25.09 | 1.70 | 69.29 | 2,485.42 | -4,249.55 | 4,396.15 | 4,370.39 | 25.77 | 170.623 | | |
| 4,200.00 | 3,990.36 | 3,783.51 | 3,783.10 | 25.86 | 1.73 | 69.66 | 2,487.33 | -4,250.89 | 4,385.42 | 4,358.86 | 26.57 | 165.079 | | |
| 4,300.00 | 4,083.32 | 3,873.93 | 3,873.47 | 26.62 | 1.76 | 70.07 | 2,489.47 | -4,252.69 | 4,375.15 | 4,347.78 | 27.37 | 159.846 | | |
| 4,400.00 | 4,176.29 | 3,970.47 | 3,969.96 | 27.38 | 1.80 | 70.52 | 2,491.92 | -4,254.43 | 4,365.15 | 4,336.97 | 28.18 | 154.899 | | |
| 4,500.00 | 4,269.26 | 4,102.89 | 4,102.33 | 28.14 | 1.84 | 71.14 | 2,494.94 | -4,256.38 | 4,355.07 | 4,326.07 | 29.00 | 150.171 | | |
| 4,600.00 | 4,362.23 | 4,201.61 | 4,201.04 | 28.90 | 1.88 | 71.60 | 2,496.48 | -4,257.71 | 4,344.69 | 4,314.88 | 29.82 | 145.721 | | |
| 4,700.00 | 4,455.20 | 4,292.81 | 4,292.22 | 29.66 | 1.91 | 72.02 | 2,497.95 | -4,258.83 | 4,334.54 | 4,303.91 | 30.63 | 141.514 | | |
| 4,800.00 | 4,548.16 | 4,411.69 | 4,411.08 | 30.43 | 1.95 | 72.58 | 2,499.75 | -4,259.97 | 4,324.45 | 4,293.00 | 31.45 | 137.494 | | |
| 4,900.00 | 4,641.13 | 4,495.83 | 4,495.20 | 31.19 | 1.98 | 72.98 | 2,500.85 | -4,260.75 | 4,314.47 | 4,282.21 | 32.27 | 133.702 | | |
| 5,000.00 | 4,734.10 | 4,584.58 | 4,583.95 | 31.95 | 2.01 | 73.40 | 2,502.06 | -4,261.66 | 4,304.89 | 4,271.80 | 33.09 | 130.099 | | |
| 5,100.00 | 4,827.07 | 4,673.38 | 4,672.73 | 32.71 | 2.04 | 73.83 | 2,503.49 | -4,262.47 | 4,295.69 | 4,261.78 | 33.91 | 126.678 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT RUPERT G 25-4 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,771.24 | 4,770.57 | 33.48 | 2.07 | 74.30 | 2,505.37 | -4,263.06 | 4,286.82 | 4,252.08 | 34.73 | 123.418 | | |
| 5,300.00 | 5,013.00 | 4,858.98 | 4,858.29 | 34.24 | 2.10 | 74.73 | 2,507.03 | -4,263.51 | 4,278.17 | 4,242.61 | 35.56 | 120.318 | | |
| 5,400.00 | 5,105.97 | 4,959.55 | 4,958.84 | 35.00 | 2.14 | 75.22 | 2,508.82 | -4,264.33 | 4,269.94 | 4,233.56 | 36.38 | 117.355 | | |
| 5,500.00 | 5,198.94 | 5,069.73 | 5,069.01 | 35.77 | 2.18 | 75.75 | 2,510.24 | -4,265.15 | 4,261.61 | 4,224.40 | 37.22 | 114.512 | | |
| 5,600.00 | 5,291.91 | 5,174.09 | 5,173.37 | 36.53 | 2.21 | 76.26 | 2,511.32 | -4,265.73 | 4,253.31 | 4,215.26 | 38.05 | 111.797 | | |
| 5,700.00 | 5,384.87 | 5,265.90 | 5,265.17 | 37.29 | 2.24 | 76.70 | 2,511.86 | -4,266.52 | 4,245.16 | 4,206.28 | 38.87 | 109.209 | | |
| 5,800.00 | 5,477.84 | 5,362.40 | 5,361.66 | 38.06 | 2.26 | 77.16 | 2,512.22 | -4,267.68 | 4,237.35 | 4,197.65 | 39.70 | 106.741 | | |
| 5,900.00 | 5,570.81 | 5,462.32 | 5,461.57 | 38.82 | 2.29 | 77.64 | 2,512.33 | -4,268.94 | 4,229.68 | 4,189.16 | 40.52 | 104.384 | | |
| 6,000.00 | 5,663.78 | 5,547.83 | 5,547.08 | 39.59 | 2.31 | 78.04 | 2,512.34 | -4,270.07 | 4,222.27 | 4,180.93 | 41.34 | 102.131 | | |
| 6,100.00 | 5,756.75 | 5,628.47 | 5,627.70 | 40.35 | 2.33 | 78.43 | 2,512.70 | -4,271.13 | 4,215.46 | 4,173.29 | 42.16 | 99.977 | | |
| 6,200.00 | 5,849.71 | 5,723.39 | 5,722.62 | 41.12 | 2.35 | 78.89 | 2,513.13 | -4,272.63 | 4,209.10 | 4,166.11 | 42.99 | 97.910 | | |
| 6,300.00 | 5,942.68 | 5,833.16 | 5,832.37 | 41.88 | 2.38 | 79.42 | 2,513.40 | -4,273.98 | 4,202.67 | 4,158.85 | 43.82 | 95.917 | | |
| 6,400.00 | 6,035.65 | 5,915.80 | 5,915.01 | 42.64 | 2.40 | 79.82 | 2,513.58 | -4,275.05 | 4,196.56 | 4,151.92 | 44.64 | 94.015 | | |
| 6,500.00 | 6,128.62 | 5,990.19 | 5,989.39 | 43.41 | 2.43 | 80.18 | 2,514.00 | -4,276.13 | 4,191.10 | 4,145.64 | 45.46 | 92.197 | | |
| 6,600.00 | 6,221.59 | 6,086.30 | 6,085.48 | 44.17 | 2.45 | 80.65 | 2,514.73 | -4,277.62 | 4,186.15 | 4,139.87 | 46.28 | 90.445 | | |
| 6,700.00 | 6,314.55 | 6,186.26 | 6,185.43 | 44.94 | 2.48 | 81.13 | 2,515.18 | -4,279.37 | 4,181.37 | 4,134.26 | 47.11 | 88.764 | | |
| 6,800.00 | 6,407.52 | 6,259.16 | 6,258.31 | 45.70 | 2.50 | 81.48 | 2,515.38 | -4,280.97 | 4,176.99 | 4,129.07 | 47.92 | 87.163 | | |
| 6,900.00 | 6,499.98 | 6,334.69 | 6,333.81 | 46.49 | 2.52 | 77.93 | 2,515.81 | -4,283.09 | 4,172.57 | 4,123.81 | 48.76 | 85.580 | | |
| 7,000.00 | 6,586.50 | 6,416.92 | 6,416.00 | 47.49 | 2.54 | 73.35 | 2,516.16 | -4,285.89 | 4,160.41 | 4,110.61 | 49.80 | 83.538 | | |
| 7,100.00 | 6,663.58 | 6,493.31 | 6,492.33 | 48.75 | 2.56 | 72.46 | 2,516.58 | -4,288.48 | 4,139.33 | 4,088.24 | 51.09 | 81.021 | | |
| 7,200.00 | 6,728.87 | 6,653.95 | 6,652.94 | 50.23 | 2.60 | 74.86 | 2,516.84 | -4,291.85 | 4,109.72 | 4,057.12 | 52.60 | 78.128 | | |
| 7,300.00 | 6,780.38 | 6,753.85 | 6,752.82 | 51.91 | 2.60 | 78.50 | 2,515.69 | -4,292.44 | 4,072.58 | 4,018.31 | 54.27 | 75.042 | | |
| 7,400.00 | 6,816.56 | 6,809.49 | 6,808.45 | 53.74 | 2.59 | 82.92 | 2,514.61 | -4,292.76 | 4,030.60 | 3,974.52 | 56.08 | 71.870 | | |
| 7,500.00 | 6,836.29 | 6,842.67 | 6,841.63 | 55.65 | 2.59 | 87.95 | 2,513.84 | -4,292.89 | 3,985.61 | 3,927.63 | 57.98 | 68.741 | | |
| 7,600.00 | 6,840.00 | 6,849.16 | 6,848.12 | 57.58 | 2.59 | 91.36 | 2,513.67 | -4,292.91 | 3,939.42 | 3,879.51 | 59.91 | 65.756 | | |
| 7,700.00 | 6,840.00 | 6,849.57 | 6,848.52 | 59.56 | 2.59 | 91.37 | 2,513.66 | -4,292.91 | 3,894.68 | 3,832.79 | 61.89 | 62.927 | | |
| 7,800.00 | 6,840.00 | 6,849.96 | 6,848.91 | 61.60 | 2.59 | 91.37 | 2,513.66 | -4,292.91 | 3,852.02 | 3,788.08 | 63.94 | 60.246 | | |
| 7,900.00 | 6,840.00 | 6,850.34 | 6,849.30 | 63.69 | 2.59 | 91.38 | 2,513.65 | -4,292.92 | 3,811.51 | 3,745.46 | 66.04 | 57.713 | | |
| 8,000.00 | 6,840.00 | 6,850.72 | 6,849.67 | 65.82 | 2.59 | 91.39 | 2,513.64 | -4,292.92 | 3,773.21 | 3,705.01 | 68.20 | 55.327 | | |
| 8,100.00 | 6,840.00 | 6,851.09 | 6,850.04 | 67.99 | 2.59 | 91.39 | 2,513.63 | -4,292.92 | 3,737.19 | 3,666.80 | 70.40 | 53.086 | | |
| 8,200.00 | 6,840.00 | 6,851.45 | 6,850.40 | 70.21 | 2.59 | 91.40 | 2,513.62 | -4,292.92 | 3,703.53 | 3,630.89 | 72.64 | 50.986 | | |
| 8,300.00 | 6,840.00 | 6,851.80 | 6,850.75 | 72.45 | 2.59 | 91.40 | 2,513.61 | -4,292.92 | 3,672.28 | 3,597.37 | 74.91 | 49.024 | | |
| 8,400.00 | 6,840.00 | 6,852.15 | 6,851.10 | 74.73 | 2.59 | 91.41 | 2,513.60 | -4,292.92 | 3,643.51 | 3,566.31 | 77.20 | 47.196 | | |
| 8,500.00 | 6,840.00 | 6,852.49 | 6,851.44 | 77.04 | 2.59 | 91.41 | 2,513.59 | -4,292.92 | 3,617.28 | 3,537.77 | 79.51 | 45.496 | | |
| 8,600.00 | 6,840.00 | 6,852.82 | 6,851.77 | 79.38 | 2.59 | 91.42 | 2,513.58 | -4,292.92 | 3,593.63 | 3,511.81 | 81.82 | 43.920 | | |
| 8,700.00 | 6,840.00 | 6,853.14 | 6,852.10 | 81.74 | 2.59 | 91.42 | 2,513.57 | -4,292.92 | 3,572.63 | 3,488.50 | 84.14 | 42.463 | | |
| 8,800.00 | 6,840.00 | 6,853.46 | 6,852.42 | 84.12 | 2.59 | 91.43 | 2,513.57 | -4,292.92 | 3,554.33 | 3,467.89 | 86.44 | 41.119 | | |
| 8,900.00 | 6,840.00 | 6,853.78 | 6,852.73 | 86.52 | 2.59 | 91.44 | 2,513.56 | -4,292.92 | 3,538.75 | 3,450.02 | 88.73 | 39.883 | | |
| 9,000.00 | 6,840.00 | 6,854.09 | 6,853.04 | 88.94 | 2.59 | 91.44 | 2,513.55 | -4,292.92 | 3,525.94 | 3,434.95 | 90.99 | 38.751 | | |
| 9,100.00 | 6,840.00 | 6,854.39 | 6,853.34 | 91.38 | 2.59 | 91.45 | 2,513.54 | -4,292.93 | 3,515.93 | 3,422.71 | 93.22 | 37.717 | | |
| 9,200.00 | 6,840.00 | 6,854.68 | 6,853.64 | 93.83 | 2.59 | 91.45 | 2,513.54 | -4,292.93 | 3,508.75 | 3,413.34 | 95.41 | 36.777 | | |
| 9,300.00 | 6,840.00 | 6,854.98 | 6,853.93 | 96.30 | 2.59 | 91.45 | 2,513.53 | -4,292.93 | 3,504.40 | 3,406.85 | 97.54 | 35.926 | | |
| 9,400.00 | 6,840.00 | 6,855.26 | 6,854.21 | 98.79 | 2.59 | 91.46 | 2,513.52 | -4,292.93 | 3,502.90 | 3,403.27 | 99.63 | 35.160 | | |
| 9,402.43 | 6,840.00 | 6,855.27 | 6,854.22 | 98.85 | 2.59 | 91.46 | 2,513.52 | -4,292.93 | 3,502.90 | 3,403.22 | 99.68 | 35.142 CC | | |
| 9,500.00 | 6,840.00 | 6,855.54 | 6,854.49 | 101.28 | 2.59 | 91.46 | 2,513.51 | -4,292.93 | 3,504.26 | 3,402.61 | 101.65 | 34.474 ES | | |
| 9,600.00 | 6,840.00 | 6,855.82 | 6,854.77 | 103.79 | 2.59 | 91.47 | 2,513.51 | -4,292.93 | 3,508.47 | 3,404.87 | 103.60 | 33.864 | | |
| 9,700.00 | 6,840.00 | 6,856.09 | 6,855.04 | 106.30 | 2.59 | 91.47 | 2,513.50 | -4,292.93 | 3,515.52 | 3,410.03 | 105.49 | 33.327 | | |
| 9,800.00 | 6,840.00 | 6,856.35 | 6,855.31 | 108.83 | 2.59 | 91.48 | 2,513.49 | -4,292.93 | 3,525.39 | 3,418.10 | 107.29 | 32.859 | | |
| 9,900.00 | 6,840.00 | 6,856.61 | 6,855.57 | 111.37 | 2.59 | 91.48 | 2,513.49 | -4,292.93 | 3,538.06 | 3,429.05 | 109.01 | 32.455 | | |
| 10,000.00 | 6,840.00 | 6,856.87 | 6,855.82 | 113.91 | 2.59 | 91.49 | 2,513.48 | -4,292.93 | 3,553.51 | 3,442.85 | 110.65 | 32.114 | | |
| 10,100.00 | 6,840.00 | 6,857.12 | 6,856.07 | 116.47 | 2.59 | 91.49 | 2,513.47 | -4,292.93 | 3,571.68 | 3,459.48 | 112.21 | 31.831 | | |
| 10,200.00 | 6,840.00 | 6,857.37 | 6,856.32 | 119.03 | 2.59 | 91.49 | 2,513.47 | -4,292.93 | 3,592.55 | 3,478.88 | 113.67 | 31.604 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT RUPERT G 25-4 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,857.62 | 6,856.57 | 121.59 | 2.59 | 91.50 | 2,513.46 | -4,292.93 | 3,616.07 | 3,501.02 | 115.05 | 31.430 | | |
| 10,400.00 | 6,840.00 | 6,857.85 | 6,856.81 | 124.17 | 2.59 | 91.50 | 2,513.45 | -4,292.93 | 3,642.18 | 3,525.84 | 116.34 | 31.306 | | |
| 10,500.00 | 6,840.00 | 6,858.09 | 6,857.04 | 126.75 | 2.59 | 91.51 | 2,513.45 | -4,292.93 | 3,670.83 | 3,553.29 | 117.54 | 31.230 | | |
| 10,600.00 | 6,840.00 | 6,858.32 | 6,857.27 | 129.34 | 2.59 | 91.51 | 2,513.44 | -4,292.93 | 3,701.96 | 3,583.30 | 118.65 | 31.200 SF | | |
| 10,700.00 | 6,840.00 | 6,858.55 | 6,857.50 | 131.93 | 2.59 | 91.51 | 2,513.44 | -4,292.93 | 3,735.51 | 3,615.82 | 119.68 | 31.212 | | |
| 10,800.00 | 6,840.00 | 6,858.77 | 6,857.73 | 134.53 | 2.59 | 91.52 | 2,513.43 | -4,292.93 | 3,771.41 | 3,650.78 | 120.63 | 31.265 | | |
| 10,900.00 | 6,840.00 | 6,859.00 | 6,857.95 | 137.13 | 2.59 | 91.52 | 2,513.43 | -4,292.94 | 3,809.60 | 3,688.11 | 121.49 | 31.358 | | |
| 11,000.00 | 6,840.00 | 6,859.21 | 6,858.16 | 139.73 | 2.59 | 91.52 | 2,513.42 | -4,292.94 | 3,850.01 | 3,727.73 | 122.27 | 31.487 | | |
| 11,100.00 | 6,840.00 | 6,859.43 | 6,858.38 | 142.35 | 2.59 | 91.53 | 2,513.41 | -4,292.94 | 3,892.56 | 3,769.58 | 122.98 | 31.652 | | |
| 11,200.00 | 6,840.00 | 6,859.64 | 6,858.59 | 144.96 | 2.59 | 91.53 | 2,513.41 | -4,292.94 | 3,937.20 | 3,813.59 | 123.62 | 31.850 | | |
| 11,300.00 | 6,840.00 | 6,859.84 | 6,858.79 | 147.58 | 2.59 | 91.53 | 2,513.40 | -4,292.94 | 3,983.85 | 3,859.67 | 124.18 | 32.080 | | |
| 11,400.00 | 6,840.00 | 6,860.05 | 6,859.00 | 150.20 | 2.59 | 91.54 | 2,513.40 | -4,292.94 | 4,032.44 | 3,907.76 | 124.68 | 32.341 | | |
| 11,500.00 | 6,840.00 | 6,860.25 | 6,859.20 | 152.83 | 2.59 | 91.54 | 2,513.39 | -4,292.94 | 4,082.90 | 3,957.78 | 125.12 | 32.631 | | |
| 11,600.00 | 6,840.00 | 6,860.45 | 6,859.40 | 155.46 | 2.59 | 91.54 | 2,513.39 | -4,292.94 | 4,135.17 | 4,009.66 | 125.50 | 32.948 | | |
| 11,700.00 | 6,840.00 | 6,860.64 | 6,859.59 | 158.09 | 2.59 | 91.55 | 2,513.38 | -4,292.94 | 4,189.17 | 4,063.34 | 125.83 | 33.292 | | |
| 11,800.00 | 6,840.00 | 6,860.83 | 6,859.78 | 160.73 | 2.59 | 91.55 | 2,513.38 | -4,292.94 | 4,244.84 | 4,118.73 | 126.10 | 33.662 | | |
| 11,900.00 | 6,840.00 | 6,861.02 | 6,859.97 | 163.36 | 2.59 | 91.55 | 2,513.37 | -4,292.94 | 4,302.11 | 4,175.78 | 126.33 | 34.055 | | |
| 12,000.00 | 6,840.00 | 6,861.21 | 6,860.16 | 166.01 | 2.59 | 91.56 | 2,513.37 | -4,292.94 | 4,360.93 | 4,234.42 | 126.51 | 34.471 | | |
| 12,100.00 | 6,840.00 | 6,861.39 | 6,860.34 | 168.65 | 2.59 | 91.56 | 2,513.36 | -4,292.94 | 4,421.22 | 4,294.57 | 126.65 | 34.910 | | |
| 12,200.00 | 6,840.00 | 6,861.57 | 6,860.52 | 171.30 | 2.59 | 91.56 | 2,513.36 | -4,292.94 | 4,482.93 | 4,356.19 | 126.75 | 35.369 | | |
| 12,300.00 | 6,840.00 | 6,861.75 | 6,860.70 | 173.94 | 2.59 | 91.57 | 2,513.35 | -4,292.94 | 4,546.01 | 4,419.20 | 126.81 | 35.848 | | |
| 12,400.00 | 6,840.00 | 6,861.93 | 6,860.88 | 176.59 | 2.59 | 91.57 | 2,513.35 | -4,292.94 | 4,610.39 | 4,483.55 | 126.84 | 36.347 | | |
| 12,500.00 | 6,840.00 | 6,862.10 | 6,861.05 | 179.25 | 2.59 | 91.57 | 2,513.35 | -4,292.94 | 4,676.03 | 4,549.18 | 126.84 | 36.864 | | |
| 12,600.00 | 6,840.00 | 6,862.27 | 6,861.22 | 181.90 | 2.59 | 91.57 | 2,513.34 | -4,292.94 | 4,742.86 | 4,616.05 | 126.82 | 37.399 | | |
| 12,700.00 | 6,840.00 | 6,862.44 | 6,861.39 | 184.56 | 2.59 | 91.58 | 2,513.34 | -4,292.94 | 4,810.85 | 4,684.08 | 126.77 | 37.951 | | |
| 12,800.00 | 6,840.00 | 6,862.60 | 6,861.55 | 187.22 | 2.59 | 91.58 | 2,513.33 | -4,292.94 | 4,879.94 | 4,753.25 | 126.69 | 38.519 | | |
| 12,900.00 | 6,840.00 | 6,862.77 | 6,861.72 | 189.88 | 2.59 | 91.58 | 2,513.33 | -4,292.94 | 4,950.08 | 4,823.48 | 126.59 | 39.102 | | |
| 13,000.00 | 6,840.00 | 6,862.93 | 6,861.88 | 192.54 | 2.59 | 91.58 | 2,513.32 | -4,292.94 | 5,021.23 | 4,894.76 | 126.48 | 39.700 | | |
| 13,100.00 | 6,840.00 | 6,863.09 | 6,862.04 | 195.20 | 2.59 | 91.59 | 2,513.32 | -4,292.94 | 5,093.36 | 4,967.01 | 126.35 | 40.313 | | |
| 13,200.00 | 6,840.00 | 6,863.24 | 6,862.19 | 197.87 | 2.59 | 91.59 | 2,513.32 | -4,292.94 | 5,166.41 | 5,040.21 | 126.20 | 40.939 | | |
| 13,300.00 | 6,840.00 | 6,863.40 | 6,862.35 | 200.53 | 2.59 | 91.59 | 2,513.31 | -4,292.94 | 5,240.36 | 5,114.32 | 126.04 | 41.578 | | |
| 13,400.00 | 6,840.00 | 6,863.55 | 6,862.50 | 203.20 | 2.59 | 91.60 | 2,513.31 | -4,292.94 | 5,315.15 | 5,189.29 | 125.86 | 42.230 | | |
| 13,500.00 | 6,840.00 | 6,863.70 | 6,862.65 | 205.87 | 2.59 | 91.60 | 2,513.30 | -4,292.94 | 5,390.77 | 5,265.09 | 125.68 | 42.894 | | |
| 13,600.00 | 6,840.00 | 6,863.85 | 6,862.80 | 208.54 | 2.59 | 91.60 | 2,513.30 | -4,292.94 | 5,467.16 | 5,341.68 | 125.48 | 43.570 | | |
| 13,700.00 | 6,840.00 | 6,864.00 | 6,862.95 | 211.22 | 2.59 | 91.60 | 2,513.30 | -4,292.94 | 5,544.31 | 5,419.03 | 125.28 | 44.257 | | |
| 13,800.00 | 6,840.00 | 6,864.14 | 6,863.09 | 213.89 | 2.59 | 91.60 | 2,513.29 | -4,292.94 | 5,622.18 | 5,497.11 | 125.06 | 44.954 | | |
| 13,900.00 | 6,840.00 | 6,864.29 | 6,863.24 | 216.56 | 2.59 | 91.61 | 2,513.29 | -4,292.94 | 5,700.74 | 5,575.89 | 124.85 | 45.662 | | |
| 14,000.00 | 6,840.00 | 6,864.43 | 6,863.38 | 219.24 | 2.59 | 91.61 | 2,513.28 | -4,292.95 | 5,779.96 | 5,655.34 | 124.62 | 46.380 | | |
| 14,100.00 | 6,840.00 | 6,864.57 | 6,863.52 | 221.92 | 2.59 | 91.61 | 2,513.28 | -4,292.95 | 5,859.81 | 5,735.42 | 124.39 | 47.108 | | |
| 14,200.00 | 6,840.00 | 6,864.70 | 6,863.65 | 224.59 | 2.59 | 91.61 | 2,513.28 | -4,292.95 | 5,940.28 | 5,816.12 | 124.16 | 47.844 | | |
| 14,300.00 | 6,840.00 | 6,864.84 | 6,863.79 | 227.27 | 2.59 | 91.62 | 2,513.27 | -4,292.95 | 6,021.33 | 5,897.41 | 123.92 | 48.590 | | |
| 14,400.00 | 6,840.00 | 6,864.97 | 6,863.92 | 229.95 | 2.59 | 91.62 | 2,513.27 | -4,292.95 | 6,102.95 | 5,979.26 | 123.68 | 49.344 | | |
| 14,500.00 | 6,840.00 | 6,865.11 | 6,864.06 | 232.63 | 2.59 | 91.62 | 2,513.27 | -4,292.95 | 6,185.10 | 6,061.66 | 123.44 | 50.106 | | |
| 14,600.00 | 6,840.00 | 6,865.24 | 6,864.19 | 235.31 | 2.59 | 91.62 | 2,513.26 | -4,292.95 | 6,267.77 | 6,144.58 | 123.20 | 50.876 | | |
| 14,700.00 | 6,840.00 | 6,865.37 | 6,864.32 | 238.00 | 2.59 | 91.62 | 2,513.26 | -4,292.95 | 6,350.94 | 6,227.99 | 122.95 | 51.654 | | |
| 14,800.00 | 6,840.00 | 6,865.50 | 6,864.44 | 240.68 | 2.59 | 91.63 | 2,513.26 | -4,292.95 | 6,434.59 | 6,311.89 | 122.71 | 52.439 | | |
| 14,900.00 | 6,840.00 | 6,865.62 | 6,864.57 | 243.36 | 2.59 | 91.63 | 2,513.25 | -4,292.95 | 6,518.71 | 6,396.24 | 122.46 | 53.231 | | |
| 15,000.00 | 6,840.00 | 6,865.75 | 6,864.69 | 246.05 | 2.59 | 91.63 | 2,513.25 | -4,292.95 | 6,603.26 | 6,481.04 | 122.21 | 54.030 | | |
| 15,100.00 | 6,840.00 | 6,865.87 | 6,864.82 | 248.74 | 2.59 | 91.63 | 2,513.25 | -4,292.95 | 6,688.24 | 6,566.27 | 121.97 | 54.836 | | |
| 15,200.00 | 6,840.00 | 6,865.99 | 6,864.94 | 251.42 | 2.59 | 91.63 | 2,513.24 | -4,292.95 | 6,773.63 | 6,651.91 | 121.72 | 55.648 | | |
| 15,300.00 | 6,840.00 | 6,866.11 | 6,865.06 | 254.11 | 2.59 | 91.64 | 2,513.24 | -4,292.95 | 6,859.41 | 6,737.93 | 121.48 | 56.466 | | |
| 15,400.00 | 6,840.00 | 6,866.23 | 6,865.18 | 256.80 | 2.59 | 91.64 | 2,513.24 | -4,292.95 | 6,945.58 | 6,824.34 | 121.24 | 57.289 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT RUPERT G 25-4 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 15,500.00 | 6,840.00 | 6,866.35 | 6,865.30 | 259.49 | 2.59 | 91.64 | 2,513.23 | -4,292.95 | 7,032.11 | 6,911.12 | 121.00 | 58.119 | |
| 15,600.00 | 6,840.00 | 6,866.46 | 6,865.41 | 262.17 | 2.59 | 91.64 | 2,513.23 | -4,292.95 | 7,119.00 | 6,998.24 | 120.76 | 58.954 | |
| 15,700.00 | 6,840.00 | 6,866.58 | 6,865.53 | 264.86 | 2.59 | 91.64 | 2,513.23 | -4,292.95 | 7,206.22 | 7,085.70 | 120.52 | 59.794 | |
| 15,800.00 | 6,840.00 | 6,866.69 | 6,865.64 | 267.55 | 2.59 | 91.65 | 2,513.23 | -4,292.95 | 7,293.77 | 7,173.49 | 120.28 | 60.640 | |
| 15,900.00 | 6,840.00 | 6,866.80 | 6,865.75 | 270.25 | 2.59 | 91.65 | 2,513.22 | -4,292.95 | 7,381.64 | 7,261.59 | 120.05 | 61.490 | |
| 16,000.00 | 6,840.00 | 6,866.91 | 6,865.86 | 272.94 | 2.59 | 91.65 | 2,513.22 | -4,292.95 | 7,469.81 | 7,350.00 | 119.81 | 62.345 | |
| 16,100.00 | 6,840.00 | 6,867.02 | 6,865.97 | 275.63 | 2.59 | 91.65 | 2,513.22 | -4,292.95 | 7,558.28 | 7,438.70 | 119.58 | 63.205 | |
| 16,200.00 | 6,840.00 | 6,867.13 | 6,866.08 | 278.32 | 2.59 | 91.65 | 2,513.21 | -4,292.95 | 7,647.04 | 7,527.68 | 119.36 | 64.069 | |
| 16,300.00 | 6,840.00 | 6,867.24 | 6,866.19 | 281.02 | 2.59 | 91.66 | 2,513.21 | -4,292.95 | 7,736.06 | 7,616.93 | 119.13 | 64.937 | |
| 16,400.00 | 6,840.00 | 6,867.34 | 6,866.29 | 283.71 | 2.59 | 91.66 | 2,513.21 | -4,292.95 | 7,825.35 | 7,706.45 | 118.91 | 65.809 | |
| 16,500.00 | 6,840.00 | 6,867.45 | 6,866.40 | 286.40 | 2.59 | 91.66 | 2,513.21 | -4,292.95 | 7,914.90 | 7,796.21 | 118.69 | 66.686 | |
| 16,600.00 | 6,840.00 | 6,867.55 | 6,866.50 | 289.10 | 2.59 | 91.66 | 2,513.20 | -4,292.95 | 8,004.70 | 7,886.23 | 118.47 | 67.566 | |
| 16,700.00 | 6,840.00 | 6,867.66 | 6,866.60 | 291.79 | 2.59 | 91.66 | 2,513.20 | -4,292.95 | 8,094.73 | 7,976.48 | 118.26 | 68.450 | |
| 16,800.00 | 6,840.00 | 6,867.76 | 6,866.70 | 294.49 | 2.59 | 91.66 | 2,513.20 | -4,292.95 | 8,185.00 | 8,066.95 | 118.05 | 69.337 | |
| 16,900.00 | 6,840.00 | 6,867.86 | 6,866.80 | 297.19 | 2.59 | 91.67 | 2,513.19 | -4,292.95 | 8,275.49 | 8,157.65 | 117.84 | 70.228 | |
| 17,000.00 | 6,840.00 | 6,867.96 | 6,866.90 | 299.88 | 2.59 | 91.67 | 2,513.19 | -4,292.95 | 8,366.20 | 8,248.57 | 117.63 | 71.122 | |
| 17,100.00 | 6,840.00 | 6,868.05 | 6,867.00 | 302.58 | 2.59 | 91.67 | 2,513.19 | -4,292.95 | 8,457.11 | 8,339.68 | 117.43 | 72.020 | |
| 17,200.00 | 6,840.00 | 6,868.15 | 6,867.10 | 305.28 | 2.59 | 91.67 | 2,513.19 | -4,292.95 | 8,548.23 | 8,431.00 | 117.23 | 72.920 | |
| 17,300.00 | 6,840.00 | 6,868.25 | 6,867.19 | 307.97 | 2.59 | 91.67 | 2,513.18 | -4,292.95 | 8,639.55 | 8,522.52 | 117.03 | 73.823 | |
| 17,400.00 | 6,840.00 | 6,868.34 | 6,867.29 | 310.67 | 2.59 | 91.67 | 2,513.18 | -4,292.95 | 8,731.05 | 8,614.22 | 116.84 | 74.730 | |
| 17,500.00 | 6,840.00 | 6,868.44 | 6,867.38 | 313.37 | 2.59 | 91.67 | 2,513.18 | -4,292.95 | 8,822.74 | 8,706.10 | 116.64 | 75.639 | |
| 17,600.00 | 6,840.00 | 6,868.53 | 6,867.48 | 316.07 | 2.59 | 91.68 | 2,513.18 | -4,292.95 | 8,914.61 | 8,798.16 | 116.45 | 76.550 | |
| 17,700.00 | 6,840.00 | 6,868.62 | 6,867.57 | 318.77 | 2.59 | 91.68 | 2,513.17 | -4,292.95 | 9,006.65 | 8,890.39 | 116.27 | 77.465 | |
| 17,800.00 | 6,840.00 | 6,868.71 | 6,867.66 | 321.47 | 2.59 | 91.68 | 2,513.17 | -4,292.95 | 9,098.86 | 8,982.78 | 116.08 | 78.381 | |
| 17,900.00 | 6,840.00 | 6,868.80 | 6,867.75 | 324.17 | 2.59 | 91.68 | 2,513.17 | -4,292.95 | 9,191.24 | 9,075.33 | 115.90 | 79.300 | |
| 18,000.00 | 6,840.00 | 6,868.89 | 6,867.84 | 326.87 | 2.59 | 91.68 | 2,513.17 | -4,292.95 | 9,283.77 | 9,168.04 | 115.73 | 80.222 | |
| 18,100.00 | 6,840.00 | 6,868.98 | 6,867.93 | 329.57 | 2.59 | 91.68 | 2,513.16 | -4,292.95 | 9,376.45 | 9,260.90 | 115.55 | 81.145 | |
| 18,200.00 | 6,840.00 | 6,869.07 | 6,868.01 | 332.27 | 2.59 | 91.69 | 2,513.16 | -4,292.95 | 9,469.29 | 9,353.91 | 115.38 | 82.071 | |
| 18,300.00 | 6,840.00 | 6,869.15 | 6,868.10 | 334.97 | 2.59 | 91.69 | 2,513.16 | -4,292.95 | 9,562.26 | 9,447.05 | 115.21 | 82.999 | |
| 18,400.00 | 6,840.00 | 6,869.24 | 6,868.19 | 337.67 | 2.59 | 91.69 | 2,513.16 | -4,292.95 | 9,655.38 | 9,540.34 | 115.04 | 83.928 | |
| 18,500.00 | 6,840.00 | 6,869.32 | 6,868.27 | 340.38 | 2.59 | 91.69 | 2,513.16 | -4,292.95 | 9,748.64 | 9,633.76 | 114.88 | 84.860 | |
| 18,600.00 | 6,840.00 | 6,869.41 | 6,868.36 | 343.08 | 2.59 | 91.69 | 2,513.15 | -4,292.95 | 9,842.02 | 9,727.30 | 114.72 | 85.793 | |
| 18,700.00 | 6,840.00 | 6,869.49 | 6,868.44 | 345.78 | 2.59 | 91.69 | 2,513.15 | -4,292.95 | 9,935.54 | 9,820.98 | 114.56 | 86.728 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT SHELTON 18-25XX GYRO - OWB - FINAL | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 789-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -63.29 | 1,737.96 | -3,453.31 | 3,866.68 | | | | | |
| 100.00 | 100.00 | 26.77 | 26.77 | 0.13 | 0.05 | -63.29 | 1,737.96 | -3,453.32 | 3,865.99 | 3,865.81 | 0.18 | N/A | | |
| 200.00 | 200.00 | 125.91 | 125.91 | 0.49 | 0.22 | -63.29 | 1,737.93 | -3,453.35 | 3,866.01 | 3,865.30 | 0.71 | 5,421.815 | | |
| 300.00 | 300.00 | 225.05 | 225.05 | 0.85 | 0.39 | -63.29 | 1,737.85 | -3,453.44 | 3,866.05 | 3,864.80 | 1.24 | 3,105.601 | | |
| 400.00 | 400.00 | 324.20 | 324.20 | 1.21 | 0.57 | -63.29 | 1,737.72 | -3,453.57 | 3,866.11 | 3,864.33 | 1.78 | 2,176.032 | | |
| 500.00 | 500.00 | 423.34 | 423.34 | 1.57 | 0.74 | -63.29 | 1,737.55 | -3,453.74 | 3,866.19 | 3,863.89 | 2.31 | 1,674.769 | | |
| 600.00 | 599.98 | 522.47 | 522.47 | 1.92 | 0.91 | 52.53 | 1,737.34 | -3,453.97 | 3,865.24 | 3,862.41 | 2.83 | 1,366.545 | | |
| 700.00 | 699.84 | 621.49 | 621.49 | 2.26 | 1.09 | 52.64 | 1,737.08 | -3,454.24 | 3,862.18 | 3,858.84 | 3.34 | 1,154.698 | | |
| 800.00 | 799.45 | 720.29 | 720.29 | 2.62 | 1.26 | 52.82 | 1,736.78 | -3,454.56 | 3,857.04 | 3,853.17 | 3.87 | 996.274 | | |
| 900.00 | 898.70 | 818.76 | 818.76 | 2.99 | 1.43 | 53.07 | 1,736.43 | -3,454.92 | 3,849.83 | 3,845.42 | 4.41 | 872.849 | | |
| 1,000.00 | 997.47 | 902.23 | 902.22 | 3.39 | 1.78 | 53.36 | 1,736.25 | -3,455.43 | 3,840.83 | 3,835.68 | 5.14 | 746.654 | | |
| 1,100.00 | 1,095.62 | 988.63 | 988.62 | 3.81 | 2.09 | 53.73 | 1,736.20 | -3,456.17 | 3,830.09 | 3,824.24 | 5.85 | 654.165 | | |
| 1,200.00 | 1,193.06 | 1,074.47 | 1,074.46 | 4.27 | 2.39 | 54.16 | 1,736.29 | -3,457.13 | 3,817.68 | 3,811.09 | 6.59 | 579.404 | | |
| 1,300.00 | 1,289.64 | 1,159.66 | 1,159.64 | 4.77 | 2.70 | 54.66 | 1,736.53 | -3,458.31 | 3,803.63 | 3,796.28 | 7.35 | 517.466 | | |
| 1,400.00 | 1,385.27 | 1,244.12 | 1,244.08 | 5.31 | 3.00 | 55.22 | 1,736.89 | -3,459.69 | 3,788.01 | 3,779.87 | 8.14 | 465.132 | | |
| 1,500.00 | 1,479.82 | 1,327.74 | 1,327.69 | 5.91 | 3.29 | 55.85 | 1,737.39 | -3,461.28 | 3,770.88 | 3,761.90 | 8.97 | 420.214 | | |
| 1,600.00 | 1,573.19 | 1,408.43 | 1,408.36 | 6.55 | 3.58 | 56.47 | 1,738.00 | -3,463.04 | 3,752.36 | 3,742.52 | 9.84 | 381.450 | | |
| 1,700.00 | 1,666.16 | 1,489.15 | 1,489.04 | 7.23 | 3.87 | 56.85 | 1,738.73 | -3,465.05 | 3,733.78 | 3,723.05 | 10.73 | 348.067 | | |
| 1,800.00 | 1,759.13 | 1,569.98 | 1,569.84 | 7.93 | 4.16 | 57.24 | 1,739.58 | -3,467.33 | 3,715.76 | 3,704.12 | 11.64 | 319.320 | | |
| 1,900.00 | 1,852.10 | 1,650.93 | 1,650.75 | 8.64 | 4.45 | 57.63 | 1,740.55 | -3,469.85 | 3,698.31 | 3,685.75 | 12.56 | 294.409 | | |
| 2,000.00 | 1,945.06 | 1,732.01 | 1,731.77 | 9.35 | 4.74 | 58.02 | 1,741.65 | -3,472.64 | 3,681.42 | 3,667.92 | 13.50 | 272.682 | | |
| 2,100.00 | 2,038.03 | 1,813.19 | 1,812.89 | 10.08 | 5.03 | 58.41 | 1,742.86 | -3,475.68 | 3,665.11 | 3,650.66 | 14.45 | 253.612 | | |
| 2,200.00 | 2,131.00 | 1,908.01 | 1,907.62 | 10.81 | 5.37 | 58.87 | 1,744.43 | -3,479.41 | 3,649.28 | 3,633.82 | 15.46 | 236.051 | | |
| 2,300.00 | 2,223.97 | 2,013.20 | 2,012.72 | 11.54 | 5.74 | 59.40 | 1,746.34 | -3,483.13 | 3,633.47 | 3,616.96 | 16.51 | 220.032 | | |
| 2,400.00 | 2,316.94 | 2,118.00 | 2,117.46 | 12.28 | 6.12 | 59.93 | 1,748.41 | -3,486.35 | 3,617.64 | 3,600.07 | 17.57 | 205.849 | | |
| 2,500.00 | 2,409.90 | 2,222.43 | 2,221.82 | 13.02 | 6.49 | 60.48 | 1,750.63 | -3,489.07 | 3,601.80 | 3,583.16 | 18.64 | 193.220 | | |
| 2,600.00 | 2,502.87 | 2,326.46 | 2,325.81 | 13.77 | 6.86 | 61.03 | 1,753.02 | -3,491.29 | 3,585.96 | 3,566.25 | 19.71 | 181.909 | | |
| 2,700.00 | 2,595.84 | 2,430.11 | 2,429.41 | 14.51 | 7.23 | 61.59 | 1,755.55 | -3,493.02 | 3,570.14 | 3,549.35 | 20.79 | 171.723 | | |
| 2,800.00 | 2,688.81 | 2,510.60 | 2,509.86 | 15.26 | 7.52 | 62.03 | 1,757.55 | -3,494.57 | 3,554.82 | 3,533.02 | 21.80 | 163.096 | | |
| 2,900.00 | 2,781.77 | 2,599.08 | 2,598.29 | 16.01 | 7.83 | 62.51 | 1,759.80 | -3,496.28 | 3,539.87 | 3,517.03 | 22.83 | 155.024 | | |
| 3,000.00 | 2,874.74 | 2,687.62 | 2,686.78 | 16.76 | 8.15 | 63.00 | 1,762.10 | -3,498.11 | 3,525.35 | 3,501.47 | 23.88 | 147.636 | | |
| 3,100.00 | 2,967.71 | 2,776.21 | 2,775.33 | 17.52 | 8.46 | 63.49 | 1,764.44 | -3,500.05 | 3,511.27 | 3,486.34 | 24.93 | 140.854 | | |
| 3,200.00 | 3,060.68 | 2,864.87 | 2,863.92 | 18.27 | 8.78 | 63.98 | 1,766.82 | -3,502.10 | 3,497.63 | 3,471.65 | 25.98 | 134.609 | | |
| 3,300.00 | 3,153.65 | 2,958.86 | 2,957.85 | 19.03 | 9.12 | 64.51 | 1,769.38 | -3,504.36 | 3,484.40 | 3,457.34 | 27.06 | 128.750 | | |
| 3,400.00 | 3,246.61 | 3,056.98 | 3,055.92 | 19.78 | 9.47 | 65.06 | 1,772.01 | -3,506.61 | 3,471.38 | 3,443.22 | 28.16 | 123.261 | | |
| 3,500.00 | 3,339.58 | 3,155.04 | 3,153.92 | 20.54 | 9.82 | 65.62 | 1,774.57 | -3,508.74 | 3,458.56 | 3,429.30 | 29.27 | 118.174 | | |
| 3,600.00 | 3,432.55 | 3,253.04 | 3,251.87 | 21.30 | 10.17 | 66.18 | 1,777.08 | -3,510.72 | 3,445.95 | 3,415.57 | 30.37 | 113.448 | | |
| 3,700.00 | 3,525.52 | 3,350.97 | 3,349.75 | 22.06 | 10.52 | 66.75 | 1,779.54 | -3,512.58 | 3,433.54 | 3,402.05 | 31.49 | 109.048 | | |
| 3,800.00 | 3,618.49 | 3,449.02 | 3,447.76 | 22.82 | 10.88 | 67.32 | 1,781.93 | -3,514.31 | 3,421.35 | 3,388.74 | 32.60 | 104.940 | | |
| 3,900.00 | 3,711.45 | 3,548.81 | 3,547.51 | 23.57 | 11.23 | 67.91 | 1,784.17 | -3,516.02 | 3,409.34 | 3,375.61 | 33.73 | 101.077 | | |
| 4,000.00 | 3,804.42 | 3,648.73 | 3,647.39 | 24.33 | 11.59 | 68.49 | 1,786.10 | -3,517.74 | 3,397.49 | 3,362.63 | 34.86 | 97.458 | | |
| 4,100.00 | 3,897.39 | 3,748.76 | 3,747.39 | 25.09 | 11.95 | 69.08 | 1,787.72 | -3,519.48 | 3,385.80 | 3,349.81 | 36.00 | 94.062 | | |
| 4,200.00 | 3,990.36 | 3,848.92 | 3,847.53 | 25.86 | 12.31 | 69.66 | 1,789.04 | -3,521.22 | 3,374.27 | 3,337.14 | 37.13 | 90.870 | | |
| 4,300.00 | 4,083.32 | 3,949.20 | 3,947.79 | 26.62 | 12.67 | 70.25 | 1,790.05 | -3,522.98 | 3,362.89 | 3,324.62 | 38.27 | 87.865 | | |
| 4,400.00 | 4,176.29 | 4,049.59 | 4,048.16 | 27.38 | 13.03 | 70.84 | 1,790.75 | -3,524.74 | 3,351.66 | 3,312.25 | 39.42 | 85.032 | | |
| 4,500.00 | 4,269.26 | 4,138.65 | 4,137.21 | 28.14 | 13.35 | 71.36 | 1,791.42 | -3,526.38 | 3,340.86 | 3,300.33 | 40.53 | 82.436 | | |
| 4,600.00 | 4,362.23 | 4,232.63 | 4,231.17 | 28.90 | 13.69 | 71.91 | 1,791.98 | -3,528.15 | 3,330.33 | 3,288.68 | 41.65 | 79.951 | | |
| 4,700.00 | 4,455.20 | 4,326.67 | 4,325.18 | 29.66 | 14.03 | 72.47 | 1,792.48 | -3,529.96 | 3,320.14 | 3,277.35 | 42.78 | 77.601 | | |
| 4,800.00 | 4,548.16 | 4,420.77 | 4,419.26 | 30.43 | 14.36 | 73.03 | 1,792.91 | -3,531.83 | 3,310.28 | 3,266.36 | 43.92 | 75.375 | | |
| 4,900.00 | 4,641.13 | 4,514.92 | 4,513.40 | 31.19 | 14.70 | 73.59 | 1,793.26 | -3,533.75 | 3,300.75 | 3,255.70 | 45.05 | 73.266 | | |
| 5,000.00 | 4,734.10 | 4,620.16 | 4,618.61 | 31.95 | 15.08 | 74.21 | 1,793.42 | -3,535.87 | 3,291.40 | 3,245.18 | 46.22 | 71.207 | | |
| 5,100.00 | 4,827.07 | 4,725.83 | 4,724.27 | 32.71 | 15.45 | 74.84 | 1,793.16 | -3,537.89 | 3,282.06 | 3,234.66 | 47.40 | 69.248 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT SHELTON 18-25XX GYRO - OWB - FINAL | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 789-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,831.57 | 4,829.99 | 33.48 | 15.83 | 75.47 | 1,792.48 | -3,539.80 | 3,272.72 | 3,224.15 | 48.57 | 67.382 | | |
| 5,300.00 | 5,013.00 | 4,927.68 | 4,926.08 | 34.24 | 16.17 | 76.05 | 1,791.77 | -3,541.41 | 3,263.59 | 3,213.88 | 49.71 | 65.653 | | |
| 5,400.00 | 5,105.97 | 5,026.68 | 5,025.06 | 35.00 | 16.52 | 76.65 | 1,790.90 | -3,542.94 | 3,254.64 | 3,203.78 | 50.86 | 63.991 | | |
| 5,500.00 | 5,198.94 | 5,121.82 | 5,120.19 | 35.77 | 16.85 | 77.23 | 1,790.04 | -3,544.29 | 3,245.94 | 3,193.94 | 52.00 | 62.422 | | |
| 5,600.00 | 5,291.91 | 5,201.19 | 5,199.55 | 36.53 | 17.13 | 77.71 | 1,789.43 | -3,545.40 | 3,237.70 | 3,184.61 | 53.09 | 60.983 | | |
| 5,700.00 | 5,384.87 | 6,003.13 | 5,990.86 | 37.29 | 19.84 | 82.13 | 1,698.50 | -3,535.81 | 3,224.82 | 3,169.62 | 55.20 | 58.423 | | |
| 5,800.00 | 5,477.84 | 6,073.26 | 6,058.84 | 38.06 | 20.08 | 82.44 | 1,681.35 | -3,534.09 | 3,197.37 | 3,141.07 | 56.29 | 56.798 | | |
| 5,900.00 | 5,570.81 | 6,187.25 | 6,169.19 | 38.82 | 20.48 | 82.96 | 1,652.85 | -3,531.93 | 3,169.96 | 3,112.58 | 57.38 | 55.248 | | |
| 6,000.00 | 5,663.78 | 6,245.39 | 6,225.46 | 39.59 | 20.69 | 83.21 | 1,638.20 | -3,531.19 | 3,143.01 | 3,084.52 | 58.49 | 53.739 | | |
| 6,100.00 | 5,756.75 | 6,304.22 | 6,282.68 | 40.35 | 20.91 | 83.49 | 1,624.60 | -3,530.16 | 3,117.46 | 3,057.86 | 59.60 | 52.308 | | |
| 6,200.00 | 5,849.71 | 6,373.25 | 6,350.08 | 41.12 | 21.17 | 83.85 | 1,609.86 | -3,528.19 | 3,092.92 | 3,032.21 | 60.71 | 50.948 | | |
| 6,300.00 | 5,942.68 | 6,452.23 | 6,427.46 | 41.88 | 21.46 | 84.30 | 1,594.40 | -3,524.93 | 3,069.26 | 3,007.44 | 61.82 | 49.650 | | |
| 6,400.00 | 6,035.65 | 6,514.86 | 6,488.97 | 42.64 | 21.69 | 84.68 | 1,583.04 | -3,521.65 | 3,046.43 | 2,983.50 | 62.93 | 48.410 | | |
| 6,500.00 | 6,128.62 | 6,564.45 | 6,537.81 | 43.41 | 21.87 | 84.99 | 1,574.98 | -3,518.75 | 3,025.05 | 2,961.01 | 64.04 | 47.239 | | |
| 6,600.00 | 6,221.59 | 6,611.38 | 6,584.17 | 44.17 | 22.04 | 85.30 | 1,568.20 | -3,516.02 | 3,005.39 | 2,940.26 | 65.13 | 46.141 | | |
| 6,700.00 | 6,314.55 | 6,686.00 | 6,658.11 | 44.94 | 22.31 | 85.81 | 1,559.11 | -3,511.72 | 2,987.76 | 2,921.52 | 66.24 | 45.105 | | |
| 6,800.00 | 6,407.52 | 6,710.57 | 6,682.50 | 45.70 | 22.40 | 85.98 | 1,556.54 | -3,510.31 | 2,971.39 | 2,904.08 | 67.30 | 44.149 | | |
| 6,900.00 | 6,499.98 | 6,770.31 | 6,741.86 | 46.49 | 22.61 | 82.89 | 1,550.84 | -3,506.83 | 2,956.01 | 2,887.61 | 68.40 | 43.215 | | |
| 7,000.00 | 6,586.50 | 6,814.92 | 6,786.25 | 47.49 | 22.77 | 79.08 | 1,547.18 | -3,504.21 | 2,935.11 | 2,865.44 | 69.67 | 42.126 | | |
| 7,100.00 | 6,663.58 | 6,846.00 | 6,817.21 | 48.75 | 22.87 | 78.63 | 1,545.07 | -3,502.44 | 2,908.31 | 2,837.16 | 71.14 | 40.880 | | |
| 7,200.00 | 6,728.87 | 6,846.00 | 6,817.21 | 50.23 | 22.87 | 79.65 | 1,545.07 | -3,502.44 | 2,877.11 | 2,804.37 | 72.74 | 39.551 | | |
| 7,300.00 | 6,780.38 | 6,846.00 | 6,817.21 | 51.91 | 22.87 | 81.86 | 1,545.07 | -3,502.44 | 2,842.70 | 2,768.20 | 74.49 | 38.160 | | |
| 7,400.00 | 6,816.56 | 6,846.00 | 6,817.21 | 53.74 | 22.87 | 84.90 | 1,545.07 | -3,502.44 | 2,806.01 | 2,729.65 | 76.36 | 36.748 | | |
| 7,500.00 | 6,836.29 | 6,846.00 | 6,817.21 | 55.65 | 22.87 | 88.53 | 1,545.07 | -3,502.44 | 2,768.10 | 2,689.81 | 78.29 | 35.358 | | |
| 7,600.00 | 6,840.00 | 6,846.00 | 6,817.21 | 57.58 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,730.22 | 2,650.00 | 80.22 | 34.032 | | |
| 7,700.00 | 6,840.00 | 6,846.00 | 6,817.21 | 59.56 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,694.93 | 2,612.73 | 82.20 | 32.786 | | |
| 7,800.00 | 6,840.00 | 6,846.00 | 6,817.21 | 61.60 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,662.93 | 2,578.72 | 84.21 | 31.623 | | |
| 7,900.00 | 6,840.00 | 6,846.00 | 6,817.21 | 63.69 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,634.33 | 2,548.09 | 86.25 | 30.544 | | |
| 8,000.00 | 6,840.00 | 6,846.00 | 6,817.21 | 65.82 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,609.26 | 2,520.96 | 88.30 | 29.550 | | |
| 8,100.00 | 6,840.00 | 6,846.00 | 6,817.21 | 67.99 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,587.81 | 2,497.46 | 90.35 | 28.641 | | |
| 8,200.00 | 6,840.00 | 6,846.00 | 6,817.21 | 70.21 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,570.08 | 2,477.69 | 92.39 | 27.818 | | |
| 8,300.00 | 6,840.00 | 6,846.00 | 6,817.21 | 72.45 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,556.14 | 2,461.74 | 94.40 | 27.079 | | |
| 8,400.00 | 6,840.00 | 6,846.00 | 6,817.21 | 74.73 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,546.05 | 2,449.70 | 96.36 | 26.423 | | |
| 8,500.00 | 6,840.00 | 6,846.00 | 6,817.21 | 77.04 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,539.87 | 2,441.60 | 98.26 | 25.848 | | |
| 8,600.00 | 6,840.00 | 6,846.00 | 6,817.21 | 79.38 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,537.61 | 2,437.51 | 100.10 | 25.352 | | |
| 8,607.33 | 6,840.00 | 6,846.00 | 6,817.21 | 79.55 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,537.60 | 2,437.37 | 100.23 | 25.318 CC, ES | | |
| 8,700.00 | 6,840.00 | 6,846.00 | 6,817.21 | 81.74 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,539.29 | 2,437.44 | 101.85 | 24.932 | | |
| 8,800.00 | 6,840.00 | 6,846.00 | 6,817.21 | 84.12 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,544.90 | 2,441.40 | 103.51 | 24.587 | | |
| 8,900.00 | 6,840.00 | 6,846.00 | 6,817.21 | 86.52 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,554.42 | 2,449.36 | 105.06 | 24.313 | | |
| 9,000.00 | 6,840.00 | 6,846.00 | 6,817.21 | 88.94 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,567.80 | 2,461.28 | 106.52 | 24.107 | | |
| 9,100.00 | 6,840.00 | 6,846.00 | 6,817.21 | 91.38 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,584.98 | 2,477.13 | 107.85 | 23.967 | | |
| 9,200.00 | 6,840.00 | 6,846.00 | 6,817.21 | 93.83 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,605.89 | 2,496.81 | 109.08 | 23.890 | | |
| 9,300.00 | 6,840.00 | 6,846.00 | 6,817.21 | 96.30 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,630.44 | 2,520.25 | 110.19 | 23.872 SF | | |
| 9,400.00 | 6,840.00 | 6,846.00 | 6,817.21 | 98.79 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,658.52 | 2,547.34 | 111.18 | 23.912 | | |
| 9,500.00 | 6,840.00 | 6,846.00 | 6,817.21 | 101.28 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,690.03 | 2,577.97 | 112.06 | 24.005 | | |
| 9,600.00 | 6,840.00 | 6,846.00 | 6,817.21 | 103.79 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,724.85 | 2,612.02 | 112.83 | 24.150 | | |
| 9,700.00 | 6,840.00 | 6,846.00 | 6,817.21 | 106.30 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,762.85 | 2,649.36 | 113.49 | 24.344 | | |
| 9,800.00 | 6,840.00 | 6,846.00 | 6,817.21 | 108.83 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,803.90 | 2,689.85 | 114.06 | 24.583 | | |
| 9,900.00 | 6,840.00 | 6,846.00 | 6,817.21 | 111.37 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,847.88 | 2,733.35 | 114.53 | 24.867 | | |
| 10,000.00 | 6,840.00 | 6,846.00 | 6,817.21 | 113.91 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,894.64 | 2,779.73 | 114.91 | 25.191 | | |
| 10,100.00 | 6,840.00 | 6,846.00 | 6,817.21 | 116.47 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,944.06 | 2,828.85 | 115.21 | 25.555 | | |
| 10,200.00 | 6,840.00 | 6,846.00 | 6,817.21 | 119.03 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 2,996.00 | 2,880.57 | 115.43 | 25.955 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT SHELTON 18-25XX GYRO - OWB - FINAL | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 789-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,846.00 | 6,817.21 | 121.59 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 3,050.33 | 2,934.75 | 115.59 | 26.390 | | |
| 10,400.00 | 6,840.00 | 6,846.00 | 6,817.21 | 124.17 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 3,106.94 | 2,991.26 | 115.68 | 26.858 | | |
| 10,500.00 | 6,840.00 | 6,846.00 | 6,817.21 | 126.75 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 3,165.69 | 3,049.98 | 115.72 | 27.357 | | |
| 10,600.00 | 6,840.00 | 6,846.00 | 6,817.21 | 129.34 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 3,226.48 | 3,110.77 | 115.70 | 27.886 | | |
| 10,700.00 | 6,840.00 | 6,846.00 | 6,817.21 | 131.93 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 3,289.18 | 3,173.53 | 115.65 | 28.441 | | |
| 10,800.00 | 6,840.00 | 6,846.00 | 6,817.21 | 134.53 | 22.87 | 91.13 | 1,545.07 | -3,502.44 | 3,353.69 | 3,238.14 | 115.55 | 29.023 | | |
| 10,900.00 | 6,840.00 | 6,833.58 | 6,804.83 | 137.13 | 22.83 | 90.85 | 1,545.87 | -3,503.14 | 3,419.86 | 3,304.48 | 115.38 | 29.639 | | |
| 11,000.00 | 6,840.00 | 6,830.48 | 6,801.74 | 139.73 | 22.82 | 90.78 | 1,546.08 | -3,503.32 | 3,487.67 | 3,372.46 | 115.21 | 30.271 | | |
| 11,100.00 | 6,840.00 | 6,827.36 | 6,798.64 | 142.35 | 22.81 | 90.71 | 1,546.29 | -3,503.50 | 3,556.99 | 3,441.97 | 115.02 | 30.926 | | |
| 11,200.00 | 6,840.00 | 6,824.23 | 6,795.52 | 144.96 | 22.80 | 90.64 | 1,546.51 | -3,503.68 | 3,627.74 | 3,512.94 | 114.80 | 31.601 | | |
| 11,300.00 | 6,840.00 | 6,821.08 | 6,792.38 | 147.58 | 22.79 | 90.57 | 1,546.73 | -3,503.86 | 3,699.83 | 3,585.27 | 114.56 | 32.296 | | |
| 11,400.00 | 6,840.00 | 6,817.92 | 6,789.23 | 150.20 | 22.78 | 90.50 | 1,546.96 | -3,504.04 | 3,773.19 | 3,658.88 | 114.31 | 33.009 | | |
| 11,500.00 | 6,840.00 | 6,814.73 | 6,786.06 | 152.83 | 22.77 | 90.43 | 1,547.20 | -3,504.22 | 3,847.75 | 3,733.71 | 114.04 | 33.740 | | |
| 11,600.00 | 6,840.00 | 6,811.53 | 6,782.88 | 155.46 | 22.75 | 90.36 | 1,547.43 | -3,504.41 | 3,923.43 | 3,809.67 | 113.76 | 34.488 | | |
| 11,700.00 | 6,840.00 | 6,808.32 | 6,779.67 | 158.09 | 22.74 | 90.29 | 1,547.68 | -3,504.59 | 4,000.18 | 3,886.71 | 113.48 | 35.251 | | |
| 11,800.00 | 6,840.00 | 6,805.08 | 6,776.46 | 160.73 | 22.73 | 90.21 | 1,547.93 | -3,504.78 | 4,077.93 | 3,964.75 | 113.18 | 36.030 | | |
| 11,900.00 | 6,840.00 | 6,801.83 | 6,773.22 | 163.36 | 22.72 | 90.14 | 1,548.18 | -3,504.97 | 4,156.63 | 4,043.75 | 112.88 | 36.822 | | |
| 12,000.00 | 6,840.00 | 6,798.56 | 6,769.97 | 166.01 | 22.71 | 90.07 | 1,548.44 | -3,505.16 | 4,236.22 | 4,123.64 | 112.58 | 37.628 | | |
| 12,100.00 | 6,840.00 | 6,795.27 | 6,766.69 | 168.65 | 22.70 | 89.99 | 1,548.70 | -3,505.35 | 4,316.66 | 4,204.39 | 112.28 | 38.447 | | |
| 12,200.00 | 6,840.00 | 6,792.00 | 6,763.49 | 171.30 | 22.65 | 89.70 | 1,549.81 | -3,506.14 | 4,397.92 | 4,285.97 | 111.94 | 39.287 | | |
| 12,300.00 | 6,840.00 | 6,788.00 | 6,753.49 | 173.94 | 22.65 | 89.70 | 1,549.81 | -3,506.14 | 4,479.90 | 4,368.25 | 111.65 | 40.126 | | |
| 12,400.00 | 6,840.00 | 6,782.00 | 6,753.49 | 176.59 | 22.65 | 89.70 | 1,549.81 | -3,506.14 | 4,562.59 | 4,451.25 | 111.35 | 40.976 | | |
| 12,500.00 | 6,840.00 | 6,782.00 | 6,753.49 | 179.25 | 22.65 | 89.70 | 1,549.81 | -3,506.14 | 4,645.97 | 4,534.92 | 111.05 | 41.836 | | |
| 12,600.00 | 6,840.00 | 6,782.00 | 6,753.49 | 181.90 | 22.65 | 89.70 | 1,549.81 | -3,506.14 | 4,729.99 | 4,619.24 | 110.76 | 42.706 | | |
| 12,700.00 | 6,840.00 | 6,782.00 | 6,753.49 | 184.56 | 22.65 | 89.70 | 1,549.81 | -3,506.14 | 4,814.63 | 4,704.16 | 110.46 | 43.585 | | |
| 12,800.00 | 6,840.00 | 6,782.00 | 6,753.49 | 187.22 | 22.65 | 89.70 | 1,549.81 | -3,506.14 | 4,899.84 | 4,789.66 | 110.18 | 44.473 | | |
| 12,900.00 | 6,840.00 | 6,767.51 | 6,739.09 | 189.88 | 22.60 | 89.37 | 1,551.09 | -3,506.99 | 4,985.57 | 4,875.71 | 109.85 | 45.384 | | |
| 13,000.00 | 6,840.00 | 6,763.93 | 6,735.52 | 192.54 | 22.59 | 89.29 | 1,551.41 | -3,507.20 | 5,071.83 | 4,962.27 | 109.56 | 46.292 | | |
| 13,100.00 | 6,840.00 | 6,760.35 | 6,731.97 | 195.20 | 22.57 | 89.21 | 1,551.73 | -3,507.41 | 5,158.59 | 5,049.31 | 109.28 | 47.207 | | |
| 13,200.00 | 6,840.00 | 6,756.78 | 6,728.42 | 197.87 | 22.56 | 89.13 | 1,552.06 | -3,507.62 | 5,245.81 | 5,136.82 | 108.99 | 48.130 | | |
| 13,300.00 | 6,840.00 | 6,753.23 | 6,724.88 | 200.53 | 22.55 | 89.05 | 1,552.39 | -3,507.83 | 5,333.48 | 5,224.76 | 108.72 | 49.059 | | |
| 13,400.00 | 6,840.00 | 6,749.67 | 6,721.35 | 203.20 | 22.54 | 88.97 | 1,552.72 | -3,508.04 | 5,421.57 | 5,313.13 | 108.44 | 49.995 | | |
| 13,500.00 | 6,840.00 | 6,746.13 | 6,717.83 | 205.87 | 22.52 | 88.89 | 1,553.05 | -3,508.25 | 5,510.06 | 5,401.89 | 108.17 | 50.937 | | |
| 13,600.00 | 6,840.00 | 6,742.60 | 6,714.32 | 208.54 | 22.51 | 88.81 | 1,553.38 | -3,508.45 | 5,598.94 | 5,491.03 | 107.91 | 51.885 | | |
| 13,700.00 | 6,840.00 | 6,739.07 | 6,710.81 | 211.22 | 22.50 | 88.74 | 1,553.72 | -3,508.66 | 5,688.19 | 5,580.53 | 107.65 | 52.839 | | |
| 13,800.00 | 6,840.00 | 6,735.55 | 6,707.32 | 213.89 | 22.49 | 88.66 | 1,554.06 | -3,508.86 | 5,777.78 | 5,670.38 | 107.40 | 53.798 | | |
| 13,900.00 | 6,840.00 | 6,732.04 | 6,703.83 | 216.56 | 22.47 | 88.58 | 1,554.40 | -3,509.07 | 5,867.70 | 5,760.55 | 107.15 | 54.762 | | |
| 14,000.00 | 6,840.00 | 6,728.54 | 6,700.35 | 219.24 | 22.46 | 88.50 | 1,554.74 | -3,509.27 | 5,957.95 | 5,851.04 | 106.91 | 55.730 | | |
| 14,100.00 | 6,840.00 | 6,725.05 | 6,696.88 | 221.92 | 22.45 | 88.42 | 1,555.08 | -3,509.47 | 6,048.49 | 5,941.82 | 106.67 | 56.704 | | |
| 14,200.00 | 6,840.00 | 6,721.56 | 6,693.42 | 224.59 | 22.44 | 88.35 | 1,555.43 | -3,509.68 | 6,139.33 | 6,032.89 | 106.44 | 57.681 | | |
| 14,300.00 | 6,840.00 | 6,718.09 | 6,689.97 | 227.27 | 22.42 | 88.27 | 1,555.78 | -3,509.88 | 6,230.44 | 6,124.24 | 106.21 | 58.663 | | |
| 14,400.00 | 6,840.00 | 6,714.62 | 6,686.52 | 229.95 | 22.41 | 88.19 | 1,556.13 | -3,510.08 | 6,321.82 | 6,215.84 | 105.98 | 59.649 | | |
| 14,500.00 | 6,840.00 | 6,711.16 | 6,683.09 | 232.63 | 22.40 | 88.11 | 1,556.48 | -3,510.28 | 6,413.46 | 6,307.69 | 105.77 | 60.638 | | |
| 14,600.00 | 6,840.00 | 6,707.71 | 6,679.66 | 235.31 | 22.39 | 88.04 | 1,556.83 | -3,510.48 | 6,505.33 | 6,399.78 | 105.55 | 61.632 | | |
| 14,700.00 | 6,840.00 | 6,704.26 | 6,676.24 | 238.00 | 22.37 | 87.96 | 1,557.19 | -3,510.67 | 6,597.44 | 6,492.10 | 105.34 | 62.628 | | |
| 14,800.00 | 6,840.00 | 6,700.83 | 6,672.83 | 240.68 | 22.36 | 87.88 | 1,557.54 | -3,510.87 | 6,689.78 | 6,584.64 | 105.14 | 63.628 | | |
| 14,900.00 | 6,840.00 | 6,697.40 | 6,669.42 | 243.36 | 22.35 | 87.80 | 1,557.89 | -3,511.07 | 6,782.34 | 6,677.42 | 104.92 | 64.645 | | |
| 15,000.00 | 6,840.00 | 6,694.00 | 6,666.00 | 246.05 | 22.31 | 87.56 | 1,559.11 | -3,511.72 | 6,875.09 | 6,770.36 | 104.73 | 65.646 | | |
| 15,100.00 | 6,840.00 | 6,690.60 | 6,662.60 | 248.74 | 22.31 | 87.56 | 1,559.11 | -3,511.72 | 6,968.03 | 6,863.49 | 104.55 | 66.650 | | |
| 15,200.00 | 6,840.00 | 6,687.20 | 6,659.20 | 251.42 | 22.31 | 87.56 | 1,559.11 | -3,511.72 | 7,061.17 | 6,956.80 | 104.37 | 67.657 | | |
| 15,300.00 | 6,840.00 | 6,683.80 | 6,655.80 | 254.11 | 22.31 | 87.56 | 1,559.11 | -3,511.72 | 7,154.50 | 7,050.30 | 104.19 | 68.665 | | |
| 15,400.00 | 6,840.00 | 6,680.40 | 6,652.40 | 256.80 | 22.31 | 87.56 | 1,559.11 | -3,511.72 | 7,248.00 | 7,143.97 | 104.02 | 69.676 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT SHELTON 18-25XX GYRO - OWB - FINAL | | | | | | | | | | | | | Offset Site Error: 0.00 usft | |
|----------------------------------------------------------------------------|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|-----------------|------------------|--------------------|-------------------|--------|------------------------------|---------|
| Survey Program: 789-MWD OWSG | | | | | | | | | | | | | Offset Well Error: 0.00 usft | |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth | Vertical Depth | Measured Depth | Vertical Depth | Reference | Offset | Highside Toolface | Offset Wellbore Centre | Between Centres | Between Ellipses | Minimum Separation | Separation Factor | | | |
| (usft) | (usft) | (usft) | (usft) | (usft) | (usft) | (°) | +N/-S (usft) | +E/-W (usft) | (usft) | (usft) | (usft) | | | |
| 15,500.00 | 6,840.00 | 6,686.00 | 6,658.11 | 259.49 | 22.31 | 87.56 | 1,559.11 | -3,511.72 | 7,341.67 | 7,237.81 | 103.86 | 70.689 | | |
| 15,600.00 | 6,840.00 | 6,686.00 | 6,658.11 | 262.17 | 22.31 | 87.56 | 1,559.11 | -3,511.72 | 7,435.51 | 7,331.81 | 103.70 | 71.704 | | |
| 15,700.00 | 6,840.00 | 6,686.00 | 6,658.11 | 264.86 | 22.31 | 87.56 | 1,559.11 | -3,511.72 | 7,529.51 | 7,425.97 | 103.54 | 72.721 | | |
| 15,800.00 | 6,840.00 | 6,686.00 | 6,658.11 | 267.55 | 22.31 | 87.56 | 1,559.11 | -3,511.72 | 7,623.66 | 7,520.27 | 103.39 | 73.740 | | |
| 15,900.00 | 6,840.00 | 6,686.00 | 6,658.11 | 270.25 | 22.31 | 87.56 | 1,559.11 | -3,511.72 | 7,717.95 | 7,614.72 | 103.24 | 74.760 | | |
| 16,000.00 | 6,840.00 | 6,686.00 | 6,658.11 | 272.94 | 22.31 | 87.56 | 1,559.11 | -3,511.72 | 7,812.39 | 7,709.30 | 103.09 | 75.782 | | |
| 16,100.00 | 6,840.00 | 6,686.00 | 6,658.11 | 275.63 | 22.31 | 87.56 | 1,559.11 | -3,511.72 | 7,906.97 | 7,804.02 | 102.95 | 76.806 | | |
| 16,200.00 | 6,840.00 | 6,656.08 | 6,628.44 | 278.32 | 22.20 | 86.90 | 1,562.50 | -3,513.44 | 8,001.57 | 7,898.82 | 102.75 | 77.874 | | |
| 16,300.00 | 6,840.00 | 6,652.97 | 6,625.34 | 281.02 | 22.19 | 86.83 | 1,562.88 | -3,513.62 | 8,096.38 | 7,993.77 | 102.61 | 78.905 | | |
| 16,400.00 | 6,840.00 | 6,649.84 | 6,622.25 | 283.71 | 22.18 | 86.76 | 1,563.25 | -3,513.80 | 8,191.32 | 8,088.85 | 102.47 | 79.937 | | |
| 16,500.00 | 6,840.00 | 6,646.71 | 6,619.15 | 286.40 | 22.17 | 86.69 | 1,563.63 | -3,513.98 | 8,286.37 | 8,184.03 | 102.34 | 80.971 | | |
| 16,600.00 | 6,840.00 | 6,643.58 | 6,616.05 | 289.10 | 22.16 | 86.62 | 1,564.02 | -3,514.16 | 8,381.53 | 8,279.33 | 102.21 | 82.005 | | |
| 16,700.00 | 6,840.00 | 6,640.45 | 6,612.94 | 291.79 | 22.14 | 86.55 | 1,564.41 | -3,514.34 | 8,476.81 | 8,374.73 | 102.08 | 83.040 | | |
| 16,800.00 | 6,840.00 | 6,637.31 | 6,609.83 | 294.49 | 22.13 | 86.48 | 1,564.80 | -3,514.52 | 8,572.19 | 8,470.23 | 101.96 | 84.076 | | |
| 16,900.00 | 6,840.00 | 6,634.16 | 6,606.72 | 297.19 | 22.12 | 86.41 | 1,565.20 | -3,514.70 | 8,667.67 | 8,565.83 | 101.84 | 85.113 | | |
| 17,000.00 | 6,840.00 | 6,631.01 | 6,603.60 | 299.88 | 22.11 | 86.34 | 1,565.60 | -3,514.88 | 8,763.25 | 8,661.53 | 101.72 | 86.151 | | |
| 17,100.00 | 6,840.00 | 6,627.86 | 6,600.48 | 302.58 | 22.10 | 86.28 | 1,566.01 | -3,515.07 | 8,858.92 | 8,757.32 | 101.61 | 87.189 | | |
| 17,200.00 | 6,840.00 | 6,624.71 | 6,597.35 | 305.28 | 22.09 | 86.21 | 1,566.42 | -3,515.25 | 8,954.69 | 8,853.20 | 101.49 | 88.228 | | |
| 17,300.00 | 6,840.00 | 6,621.54 | 6,594.23 | 307.97 | 22.08 | 86.14 | 1,566.83 | -3,515.43 | 9,050.55 | 8,949.16 | 101.39 | 89.267 | | |
| 17,400.00 | 6,840.00 | 6,618.38 | 6,591.09 | 310.67 | 22.06 | 86.07 | 1,567.25 | -3,515.61 | 9,146.49 | 9,045.21 | 101.28 | 90.307 | | |
| 17,500.00 | 6,840.00 | 6,615.21 | 6,587.96 | 313.37 | 22.05 | 86.00 | 1,567.68 | -3,515.80 | 9,242.52 | 9,141.34 | 101.18 | 91.348 | | |
| 17,600.00 | 6,840.00 | 6,612.04 | 6,584.82 | 316.07 | 22.04 | 85.93 | 1,568.11 | -3,515.98 | 9,338.63 | 9,237.55 | 101.08 | 92.388 | | |
| 17,700.00 | 6,840.00 | 6,608.86 | 6,581.68 | 318.77 | 22.03 | 85.86 | 1,568.54 | -3,516.17 | 9,434.82 | 9,333.83 | 100.98 | 93.429 | | |
| 17,800.00 | 6,840.00 | 6,605.68 | 6,578.53 | 321.47 | 22.02 | 85.79 | 1,568.97 | -3,516.35 | 9,531.08 | 9,430.19 | 100.89 | 94.470 | | |
| 17,900.00 | 6,840.00 | 6,602.50 | 6,575.38 | 324.17 | 22.01 | 85.72 | 1,569.42 | -3,516.54 | 9,627.42 | 9,526.62 | 100.80 | 95.511 | | |
| 18,000.00 | 6,840.00 | 6,599.31 | 6,572.23 | 326.87 | 22.00 | 85.65 | 1,569.86 | -3,516.72 | 9,723.83 | 9,623.12 | 100.71 | 96.553 | | |
| 18,100.00 | 6,840.00 | 6,596.11 | 6,569.08 | 329.57 | 21.98 | 85.58 | 1,570.31 | -3,516.91 | 9,820.31 | 9,719.69 | 100.62 | 97.594 | | |
| 18,200.00 | 6,840.00 | 6,592.91 | 6,565.92 | 332.27 | 21.97 | 85.51 | 1,570.77 | -3,517.09 | 9,916.86 | 9,816.32 | 100.54 | 98.636 | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT SHELTON 18-25XX GYRO - STK - STK | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 789-MWD OWSG, 1317-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -63.29 | 1,737.96 | -3,453.31 | 3,866.68 | | | | | |
| 100.00 | 100.00 | 26.77 | 26.77 | 0.13 | 0.05 | -63.29 | 1,737.96 | -3,453.32 | 3,865.99 | 3,865.81 | 0.18 | N/A | | |
| 200.00 | 200.00 | 125.91 | 125.91 | 0.49 | 0.22 | -63.29 | 1,737.93 | -3,453.35 | 3,866.01 | 3,865.30 | 0.71 | 5,421.815 | | |
| 300.00 | 300.00 | 225.05 | 225.05 | 0.85 | 0.39 | -63.29 | 1,737.85 | -3,453.44 | 3,866.05 | 3,864.80 | 1.24 | 3,105.601 | | |
| 400.00 | 400.00 | 324.20 | 324.20 | 1.21 | 0.57 | -63.29 | 1,737.72 | -3,453.57 | 3,866.11 | 3,864.33 | 1.78 | 2,176.032 | | |
| 500.00 | 500.00 | 423.34 | 423.34 | 1.57 | 0.74 | -63.29 | 1,737.55 | -3,453.74 | 3,866.19 | 3,863.89 | 2.31 | 1,674.769 | | |
| 600.00 | 599.98 | 522.47 | 522.47 | 1.92 | 0.91 | 52.53 | 1,737.34 | -3,453.97 | 3,865.24 | 3,862.41 | 2.83 | 1,366.545 | | |
| 700.00 | 699.84 | 621.49 | 621.49 | 2.26 | 1.09 | 52.64 | 1,737.08 | -3,454.24 | 3,862.18 | 3,858.84 | 3.34 | 1,154.698 | | |
| 800.00 | 799.45 | 720.29 | 720.29 | 2.62 | 1.26 | 52.82 | 1,736.78 | -3,454.56 | 3,857.04 | 3,853.17 | 3.87 | 996.274 | | |
| 900.00 | 898.70 | 818.76 | 818.76 | 2.99 | 1.43 | 53.07 | 1,736.43 | -3,454.92 | 3,849.83 | 3,845.42 | 4.41 | 872.849 | | |
| 1,000.00 | 997.47 | 902.23 | 902.22 | 3.39 | 1.62 | 53.36 | 1,736.25 | -3,455.43 | 3,840.83 | 3,835.84 | 4.98 | 770.499 | | |
| 1,100.00 | 1,095.62 | 988.63 | 988.62 | 3.81 | 1.81 | 53.73 | 1,736.20 | -3,456.17 | 3,830.09 | 3,824.52 | 5.57 | 687.103 | | |
| 1,200.00 | 1,193.06 | 1,074.47 | 1,074.46 | 4.27 | 1.99 | 54.16 | 1,736.29 | -3,457.13 | 3,817.68 | 3,811.49 | 6.19 | 616.987 | | |
| 1,300.00 | 1,289.64 | 1,159.66 | 1,159.64 | 4.77 | 2.18 | 54.66 | 1,736.53 | -3,458.31 | 3,803.63 | 3,796.80 | 6.83 | 556.951 | | |
| 1,400.00 | 1,385.27 | 1,244.12 | 1,244.08 | 5.31 | 2.36 | 55.22 | 1,736.89 | -3,459.69 | 3,788.01 | 3,780.51 | 7.50 | 504.793 | | |
| 1,500.00 | 1,479.82 | 1,327.74 | 1,327.69 | 5.91 | 2.54 | 55.85 | 1,737.39 | -3,461.28 | 3,770.88 | 3,762.66 | 8.22 | 458.951 | | |
| 1,600.00 | 1,573.19 | 1,408.43 | 1,408.36 | 6.55 | 2.72 | 56.47 | 1,738.00 | -3,463.04 | 3,752.36 | 3,743.39 | 8.97 | 418.255 | | |
| 1,700.00 | 1,666.16 | 1,489.15 | 1,489.04 | 7.23 | 2.90 | 56.85 | 1,738.73 | -3,465.05 | 3,733.78 | 3,724.03 | 9.75 | 382.837 | | |
| 1,800.00 | 1,759.13 | 1,569.98 | 1,569.84 | 7.93 | 3.08 | 57.24 | 1,739.58 | -3,467.33 | 3,715.76 | 3,705.21 | 10.55 | 352.085 | | |
| 1,900.00 | 1,852.10 | 1,650.93 | 1,650.75 | 8.64 | 3.26 | 57.63 | 1,740.55 | -3,469.85 | 3,698.31 | 3,686.94 | 11.37 | 325.263 | | |
| 2,000.00 | 1,945.06 | 1,732.01 | 1,731.77 | 9.35 | 3.44 | 58.02 | 1,741.65 | -3,472.64 | 3,681.42 | 3,669.22 | 12.20 | 301.753 | | |
| 2,100.00 | 2,038.03 | 1,813.19 | 1,812.89 | 10.08 | 3.62 | 58.41 | 1,742.86 | -3,475.68 | 3,665.11 | 3,652.07 | 13.04 | 281.032 | | |
| 2,200.00 | 2,131.00 | 1,908.01 | 1,907.62 | 10.81 | 3.89 | 58.87 | 1,744.43 | -3,479.41 | 3,649.28 | 3,635.31 | 13.97 | 261.197 | | |
| 2,300.00 | 2,223.97 | 2,013.20 | 2,012.72 | 11.54 | 4.21 | 59.40 | 1,746.34 | -3,483.13 | 3,633.47 | 3,618.50 | 14.97 | 242.707 | | |
| 2,400.00 | 2,316.94 | 2,118.00 | 2,117.46 | 12.28 | 4.53 | 59.93 | 1,748.41 | -3,486.35 | 3,617.64 | 3,601.66 | 15.98 | 226.428 | | |
| 2,500.00 | 2,409.90 | 2,222.43 | 2,221.82 | 13.02 | 4.85 | 60.48 | 1,750.63 | -3,489.07 | 3,601.80 | 3,584.81 | 16.99 | 211.996 | | |
| 2,600.00 | 2,502.87 | 2,326.46 | 2,325.81 | 13.77 | 5.17 | 61.03 | 1,753.02 | -3,491.29 | 3,585.96 | 3,567.95 | 18.01 | 199.121 | | |
| 2,700.00 | 2,595.84 | 2,430.11 | 2,429.41 | 14.51 | 5.49 | 61.59 | 1,755.55 | -3,493.02 | 3,570.14 | 3,551.11 | 19.03 | 187.569 | | |
| 2,800.00 | 2,688.81 | 2,510.60 | 2,509.86 | 15.26 | 5.77 | 62.03 | 1,757.55 | -3,494.57 | 3,554.82 | 3,534.78 | 20.03 | 177.440 | | |
| 2,900.00 | 2,781.77 | 2,599.08 | 2,598.29 | 16.01 | 6.06 | 62.51 | 1,759.80 | -3,496.28 | 3,539.87 | 3,518.82 | 21.05 | 168.157 | | |
| 3,000.00 | 2,874.74 | 2,687.62 | 2,686.78 | 16.76 | 6.36 | 63.00 | 1,762.10 | -3,498.11 | 3,525.35 | 3,503.28 | 22.07 | 159.707 | | |
| 3,100.00 | 2,967.71 | 2,776.21 | 2,775.33 | 17.52 | 6.65 | 63.49 | 1,764.44 | -3,500.05 | 3,511.27 | 3,488.17 | 23.10 | 151.988 | | |
| 3,200.00 | 3,060.68 | 2,864.87 | 2,863.92 | 18.27 | 6.95 | 63.98 | 1,766.82 | -3,502.10 | 3,497.63 | 3,473.50 | 24.14 | 144.913 | | |
| 3,300.00 | 3,153.65 | 2,958.86 | 2,957.85 | 19.03 | 7.27 | 64.51 | 1,769.38 | -3,504.36 | 3,484.40 | 3,459.20 | 25.20 | 138.277 | | |
| 3,400.00 | 3,246.61 | 3,056.98 | 3,055.92 | 19.78 | 7.61 | 65.06 | 1,772.01 | -3,506.61 | 3,471.38 | 3,445.10 | 26.28 | 132.070 | | |
| 3,500.00 | 3,339.58 | 3,155.04 | 3,153.92 | 20.54 | 7.95 | 65.62 | 1,774.57 | -3,508.74 | 3,458.56 | 3,431.19 | 27.37 | 126.343 | | |
| 3,600.00 | 3,432.55 | 3,253.04 | 3,251.87 | 21.30 | 8.28 | 66.18 | 1,777.08 | -3,510.72 | 3,445.95 | 3,417.48 | 28.47 | 121.043 | | |
| 3,700.00 | 3,525.52 | 3,350.97 | 3,349.75 | 22.06 | 8.62 | 66.75 | 1,779.54 | -3,512.58 | 3,433.54 | 3,403.97 | 29.57 | 116.128 | | |
| 3,800.00 | 3,618.49 | 3,449.02 | 3,447.76 | 22.82 | 8.96 | 67.32 | 1,781.93 | -3,514.31 | 3,421.35 | 3,390.68 | 30.67 | 111.553 | | |
| 3,900.00 | 3,711.45 | 3,548.81 | 3,547.51 | 23.57 | 9.31 | 67.91 | 1,784.17 | -3,516.02 | 3,409.34 | 3,377.55 | 31.79 | 107.253 | | |
| 4,000.00 | 3,804.42 | 3,648.73 | 3,647.39 | 24.33 | 9.66 | 68.49 | 1,786.10 | -3,517.74 | 3,397.49 | 3,364.58 | 32.91 | 103.239 | | |
| 4,100.00 | 3,897.39 | 3,748.76 | 3,747.39 | 25.09 | 10.01 | 69.08 | 1,787.72 | -3,519.48 | 3,385.80 | 3,351.77 | 34.03 | 99.484 | | |
| 4,200.00 | 3,990.36 | 3,848.92 | 3,847.53 | 25.86 | 10.36 | 69.66 | 1,789.04 | -3,521.22 | 3,374.27 | 3,339.11 | 35.16 | 95.966 | | |
| 4,300.00 | 4,083.32 | 3,949.20 | 3,947.79 | 26.62 | 10.71 | 70.25 | 1,790.05 | -3,522.98 | 3,362.89 | 3,326.60 | 36.29 | 92.662 | | |
| 4,400.00 | 4,176.29 | 4,049.59 | 4,048.16 | 27.38 | 11.06 | 70.84 | 1,790.75 | -3,524.74 | 3,351.66 | 3,314.24 | 37.43 | 89.555 | | |
| 4,500.00 | 4,269.26 | 4,138.65 | 4,137.21 | 28.14 | 11.37 | 71.36 | 1,791.42 | -3,526.38 | 3,340.86 | 3,302.33 | 38.53 | 86.708 | | |
| 4,600.00 | 4,362.23 | 4,232.63 | 4,231.17 | 28.90 | 11.70 | 71.91 | 1,791.98 | -3,528.15 | 3,330.33 | 3,290.68 | 39.65 | 83.992 | | |
| 4,700.00 | 4,455.20 | 4,326.67 | 4,325.18 | 29.66 | 12.03 | 72.47 | 1,792.48 | -3,529.96 | 3,320.14 | 3,279.36 | 40.77 | 81.429 | | |
| 4,800.00 | 4,548.16 | 4,420.77 | 4,419.26 | 30.43 | 12.36 | 73.03 | 1,792.91 | -3,531.83 | 3,310.28 | 3,268.38 | 41.90 | 79.006 | | |
| 4,900.00 | 4,641.13 | 4,514.92 | 4,513.40 | 31.19 | 12.69 | 73.59 | 1,793.26 | -3,533.75 | 3,300.75 | 3,257.72 | 43.03 | 76.715 | | |
| 5,000.00 | 4,734.10 | 4,620.16 | 4,618.61 | 31.95 | 13.06 | 74.21 | 1,793.42 | -3,535.87 | 3,291.40 | 3,247.21 | 44.19 | 74.484 | | |
| 5,100.00 | 4,827.07 | 4,725.83 | 4,724.27 | 32.71 | 13.43 | 74.84 | 1,793.16 | -3,537.89 | 3,282.06 | 3,236.71 | 45.35 | 72.365 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT SHELTON 18-25XX GYRO - STK - STK | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 789-MWD OWSG, 1317-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,831.57 | 4,829.99 | 33.48 | 13.79 | 75.47 | 1,792.48 | -3,539.80 | 3,272.72 | 3,226.20 | 46.52 | 70.350 | | |
| 5,300.00 | 5,013.00 | 5,114.24 | 5,112.09 | 34.24 | 14.76 | 77.06 | 1,782.83 | -3,547.02 | 3,264.99 | 3,216.84 | 48.14 | 67.818 | | |
| 5,400.00 | 5,105.97 | 5,253.09 | 5,249.26 | 35.00 | 15.23 | 77.61 | 1,763.72 | -3,556.88 | 3,250.12 | 3,200.78 | 49.35 | 65.865 | | |
| 5,500.00 | 5,198.94 | 5,442.78 | 5,435.11 | 35.77 | 15.89 | 78.24 | 1,729.96 | -3,573.81 | 3,233.70 | 3,183.08 | 50.63 | 63.874 | | |
| 5,600.00 | 5,291.91 | 5,527.63 | 5,517.83 | 36.53 | 16.20 | 78.49 | 1,712.90 | -3,581.90 | 3,215.78 | 3,164.05 | 51.73 | 62.163 | | |
| 5,700.00 | 5,384.87 | 5,603.90 | 5,592.59 | 37.29 | 16.47 | 78.76 | 1,699.05 | -3,587.89 | 3,198.40 | 3,145.57 | 52.83 | 60.545 | | |
| 5,800.00 | 5,477.84 | 5,670.18 | 5,657.71 | 38.06 | 16.72 | 79.00 | 1,687.76 | -3,592.91 | 3,181.83 | 3,127.92 | 53.91 | 59.023 | | |
| 5,900.00 | 5,570.81 | 5,741.16 | 5,727.53 | 38.82 | 16.98 | 79.27 | 1,676.28 | -3,598.61 | 3,166.30 | 3,111.29 | 55.00 | 57.568 | | |
| 6,000.00 | 5,663.78 | 5,849.66 | 5,834.47 | 39.59 | 17.38 | 79.70 | 1,659.61 | -3,606.10 | 3,150.81 | 3,094.65 | 56.17 | 56.095 | | |
| 6,100.00 | 5,756.75 | 5,922.58 | 5,906.35 | 40.35 | 17.66 | 80.00 | 1,648.56 | -3,611.45 | 3,135.93 | 3,078.66 | 57.27 | 54.757 | | |
| 6,200.00 | 5,849.71 | 6,022.66 | 6,005.18 | 41.12 | 18.04 | 80.42 | 1,634.34 | -3,618.22 | 3,121.60 | 3,063.17 | 58.43 | 53.426 | | |
| 6,300.00 | 5,942.68 | 6,116.05 | 6,097.48 | 41.88 | 18.39 | 80.83 | 1,621.31 | -3,623.90 | 3,107.24 | 3,047.66 | 59.57 | 52.158 | | |
| 6,400.00 | 6,035.65 | 6,173.73 | 6,154.59 | 42.64 | 18.61 | 81.10 | 1,613.89 | -3,627.22 | 3,093.74 | 3,033.09 | 60.65 | 51.013 | | |
| 6,500.00 | 6,128.62 | 6,261.14 | 6,241.17 | 43.41 | 18.95 | 81.50 | 1,603.33 | -3,632.88 | 3,081.40 | 3,019.62 | 61.78 | 49.876 | | |
| 6,600.00 | 6,221.59 | 6,371.75 | 6,350.75 | 44.17 | 19.37 | 82.02 | 1,589.78 | -3,639.49 | 3,068.84 | 3,005.88 | 62.97 | 48.736 | | |
| 6,700.00 | 6,314.55 | 6,475.05 | 6,453.15 | 44.94 | 19.76 | 82.53 | 1,577.37 | -3,645.00 | 3,056.36 | 2,992.22 | 64.14 | 47.653 | | |
| 6,800.00 | 6,407.52 | 6,578.48 | 6,555.54 | 45.70 | 20.17 | 83.01 | 1,564.07 | -3,651.21 | 3,043.76 | 2,978.45 | 65.31 | 46.606 | | |
| 6,900.00 | 6,499.98 | 6,683.57 | 6,659.60 | 46.49 | 20.57 | 79.94 | 1,550.61 | -3,656.99 | 3,030.32 | 2,963.82 | 66.50 | 45.567 | | |
| 7,000.00 | 6,586.50 | 6,766.64 | 6,741.93 | 47.49 | 20.89 | 76.28 | 1,540.24 | -3,660.86 | 3,009.23 | 2,941.38 | 67.85 | 44.349 | | |
| 7,100.00 | 6,663.58 | 6,821.50 | 6,796.40 | 48.75 | 21.10 | 76.14 | 1,534.12 | -3,662.91 | 2,980.61 | 2,911.23 | 69.38 | 42.963 | | |
| 7,200.00 | 6,728.87 | 6,859.00 | 6,833.68 | 50.23 | 21.24 | 77.98 | 1,530.29 | -3,664.37 | 2,946.04 | 2,874.97 | 71.07 | 41.455 | | |
| 7,300.00 | 6,780.38 | 6,888.91 | 6,863.44 | 51.91 | 21.36 | 81.19 | 1,527.49 | -3,665.67 | 2,907.04 | 2,834.13 | 72.91 | 39.874 | | |
| 7,400.00 | 6,816.56 | 6,908.16 | 6,882.59 | 53.74 | 21.43 | 85.24 | 1,525.85 | -3,666.60 | 2,865.13 | 2,790.29 | 74.84 | 38.282 | | |
| 7,500.00 | 6,836.29 | 6,923.00 | 6,897.36 | 55.65 | 21.49 | 89.90 | 1,524.67 | -3,667.37 | 2,821.80 | 2,744.96 | 76.83 | 36.725 | | |
| 7,600.00 | 6,840.00 | 6,923.00 | 6,897.36 | 57.58 | 21.49 | 92.97 | 1,524.67 | -3,667.37 | 2,778.62 | 2,699.83 | 78.79 | 35.264 | | |
| 7,700.00 | 6,840.00 | 6,923.00 | 6,897.36 | 59.56 | 21.49 | 92.97 | 1,524.67 | -3,667.37 | 2,737.94 | 2,657.14 | 80.80 | 33.887 | | |
| 7,800.00 | 6,840.00 | 6,923.00 | 6,897.36 | 61.60 | 21.49 | 92.97 | 1,524.67 | -3,667.37 | 2,700.35 | 2,617.50 | 82.85 | 32.594 | | |
| 7,900.00 | 6,840.00 | 6,923.00 | 6,897.36 | 63.69 | 21.49 | 92.97 | 1,524.67 | -3,667.37 | 2,665.98 | 2,581.04 | 84.94 | 31.387 | | |
| 8,000.00 | 6,840.00 | 6,923.00 | 6,897.36 | 65.82 | 21.49 | 92.97 | 1,524.67 | -3,667.37 | 2,634.96 | 2,547.90 | 87.06 | 30.266 | | |
| 8,100.00 | 6,840.00 | 6,923.00 | 6,897.36 | 67.99 | 21.49 | 92.97 | 1,524.67 | -3,667.37 | 2,607.41 | 2,518.22 | 89.19 | 29.234 | | |
| 8,200.00 | 6,840.00 | 6,923.00 | 6,897.36 | 70.21 | 21.49 | 92.97 | 1,524.67 | -3,667.37 | 2,583.44 | 2,492.12 | 91.32 | 28.290 | | |
| 8,300.00 | 6,840.00 | 6,939.95 | 6,914.25 | 72.45 | 21.55 | 93.35 | 1,523.43 | -3,668.29 | 2,563.02 | 2,469.53 | 93.48 | 27.418 | | |
| 8,400.00 | 6,840.00 | 6,942.23 | 6,916.51 | 74.73 | 21.56 | 93.40 | 1,523.28 | -3,668.41 | 2,546.45 | 2,450.88 | 95.57 | 26.645 | | |
| 8,500.00 | 6,840.00 | 6,944.51 | 6,918.78 | 77.04 | 21.57 | 93.45 | 1,523.13 | -3,668.53 | 2,533.73 | 2,436.11 | 97.61 | 25.956 | | |
| 8,600.00 | 6,840.00 | 6,946.79 | 6,921.06 | 79.38 | 21.58 | 93.51 | 1,522.98 | -3,668.66 | 2,524.90 | 2,425.30 | 99.60 | 25.351 | | |
| 8,700.00 | 6,840.00 | 6,949.08 | 6,923.34 | 81.74 | 21.58 | 93.56 | 1,522.83 | -3,668.78 | 2,520.00 | 2,418.49 | 101.51 | 24.826 | | |
| 8,773.65 | 6,840.00 | 6,950.77 | 6,925.02 | 83.49 | 21.59 | 93.60 | 1,522.73 | -3,668.87 | 2,518.92 | 2,416.06 | 102.86 | 24.488 CC | | |
| 8,800.00 | 6,840.00 | 6,951.37 | 6,925.62 | 84.12 | 21.59 | 93.61 | 1,522.69 | -3,668.91 | 2,519.06 | 2,415.73 | 103.33 | 24.378 ES | | |
| 8,900.00 | 6,840.00 | 6,953.67 | 6,927.91 | 86.52 | 21.60 | 93.66 | 1,522.55 | -3,669.03 | 2,522.09 | 2,417.03 | 105.06 | 24.006 | | |
| 9,000.00 | 6,840.00 | 6,955.97 | 6,930.21 | 88.94 | 21.61 | 93.71 | 1,522.41 | -3,669.16 | 2,529.06 | 2,422.38 | 106.68 | 23.707 | | |
| 9,100.00 | 6,840.00 | 6,958.27 | 6,932.50 | 91.38 | 21.62 | 93.77 | 1,522.28 | -3,669.28 | 2,539.95 | 2,431.76 | 108.19 | 23.477 | | |
| 9,200.00 | 6,840.00 | 6,960.58 | 6,934.81 | 93.83 | 21.63 | 93.82 | 1,522.14 | -3,669.41 | 2,554.71 | 2,445.13 | 109.58 | 23.314 | | |
| 9,300.00 | 6,840.00 | 6,962.90 | 6,937.11 | 96.30 | 21.64 | 93.87 | 1,522.01 | -3,669.53 | 2,573.26 | 2,462.42 | 110.85 | 23.215 | | |
| 9,400.00 | 6,840.00 | 6,965.22 | 6,939.43 | 98.79 | 21.64 | 93.92 | 1,521.88 | -3,669.66 | 2,595.54 | 2,483.55 | 111.99 | 23.176 SF | | |
| 9,500.00 | 6,840.00 | 6,967.54 | 6,941.74 | 101.28 | 21.65 | 93.98 | 1,521.76 | -3,669.79 | 2,621.43 | 2,508.42 | 113.01 | 23.196 | | |
| 9,600.00 | 6,840.00 | 6,969.87 | 6,944.06 | 103.79 | 21.66 | 94.03 | 1,521.63 | -3,669.91 | 2,650.85 | 2,536.93 | 113.91 | 23.271 | | |
| 9,700.00 | 6,840.00 | 6,987.00 | 6,961.15 | 106.30 | 21.73 | 94.42 | 1,520.82 | -3,670.85 | 2,683.76 | 2,569.01 | 114.74 | 23.389 | | |
| 9,800.00 | 6,840.00 | 6,987.00 | 6,961.15 | 108.83 | 21.73 | 94.42 | 1,520.82 | -3,670.85 | 2,719.82 | 2,604.41 | 115.41 | 23.567 | | |
| 9,900.00 | 6,840.00 | 6,987.00 | 6,961.15 | 111.37 | 21.73 | 94.42 | 1,520.82 | -3,670.85 | 2,759.04 | 2,643.08 | 115.96 | 23.793 | | |
| 10,000.00 | 6,840.00 | 6,987.00 | 6,961.15 | 113.91 | 21.73 | 94.42 | 1,520.82 | -3,670.85 | 2,801.28 | 2,684.87 | 116.41 | 24.063 | | |
| 10,100.00 | 6,840.00 | 6,987.00 | 6,961.15 | 116.47 | 21.73 | 94.42 | 1,520.82 | -3,670.85 | 2,846.41 | 2,729.64 | 116.77 | 24.376 | | |
| 10,200.00 | 6,840.00 | 6,987.00 | 6,961.15 | 119.03 | 21.73 | 94.42 | 1,520.82 | -3,670.85 | 2,894.29 | 2,777.25 | 117.04 | 24.729 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 25-T4N-R65W - SI VERT SHELTON 18-25XX GYRO - STK - STK | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 789-MWD OWSG, 1317-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,987.00 | 6,961.15 | 121.59 | 21.73 | 94.42 | 1,520.82 | -3,670.85 | 2,944.79 | 2,827.56 | 117.23 | 25.119 | | |
| 10,400.00 | 6,840.00 | 6,987.00 | 6,961.15 | 124.17 | 21.73 | 94.42 | 1,520.82 | -3,670.85 | 2,997.78 | 2,880.43 | 117.35 | 25.546 | | |
| 10,500.00 | 6,840.00 | 6,987.00 | 6,961.15 | 126.75 | 21.73 | 94.42 | 1,520.82 | -3,670.85 | 3,053.12 | 2,935.72 | 117.40 | 26.007 | | |
| 10,600.00 | 6,840.00 | 6,996.49 | 6,970.61 | 129.34 | 21.76 | 94.63 | 1,520.42 | -3,671.37 | 3,110.67 | 2,993.24 | 117.43 | 26.490 | | |
| 10,700.00 | 6,840.00 | 6,999.87 | 6,973.99 | 131.93 | 21.77 | 94.71 | 1,520.28 | -3,671.55 | 3,170.34 | 3,052.96 | 117.38 | 27.009 | | |
| 10,800.00 | 6,840.00 | 7,003.19 | 6,977.30 | 134.53 | 21.79 | 94.79 | 1,520.14 | -3,671.72 | 3,231.99 | 3,114.70 | 117.29 | 27.556 | | |
| 10,900.00 | 6,840.00 | 7,006.44 | 6,980.54 | 137.13 | 21.80 | 94.86 | 1,520.00 | -3,671.89 | 3,295.52 | 3,178.37 | 117.15 | 28.131 | | |
| 11,000.00 | 6,840.00 | 7,009.63 | 6,983.72 | 139.73 | 21.81 | 94.93 | 1,519.87 | -3,672.05 | 3,360.82 | 3,243.84 | 116.98 | 28.730 | | |
| 11,100.00 | 6,840.00 | 7,012.75 | 6,986.84 | 142.35 | 21.82 | 95.00 | 1,519.75 | -3,672.21 | 3,427.79 | 3,311.01 | 116.77 | 29.354 | | |
| 11,200.00 | 6,840.00 | 7,015.81 | 6,989.89 | 144.96 | 21.83 | 95.07 | 1,519.63 | -3,672.37 | 3,496.33 | 3,379.78 | 116.54 | 30.000 | | |
| 11,300.00 | 6,840.00 | 7,018.81 | 6,992.89 | 147.58 | 21.84 | 95.14 | 1,519.51 | -3,672.52 | 3,566.35 | 3,450.06 | 116.29 | 30.667 | | |
| 11,400.00 | 6,840.00 | 7,021.76 | 6,995.83 | 150.20 | 21.86 | 95.21 | 1,519.39 | -3,672.67 | 3,637.77 | 3,521.76 | 116.02 | 31.355 | | |
| 11,500.00 | 6,840.00 | 7,024.65 | 6,998.71 | 152.83 | 21.87 | 95.27 | 1,519.28 | -3,672.81 | 3,710.51 | 3,594.78 | 115.73 | 32.062 | | |
| 11,600.00 | 6,840.00 | 7,027.48 | 7,001.54 | 155.46 | 21.88 | 95.34 | 1,519.17 | -3,672.95 | 3,784.49 | 3,669.06 | 115.43 | 32.786 | | |
| 11,700.00 | 6,840.00 | 7,030.26 | 7,004.32 | 158.09 | 21.89 | 95.40 | 1,519.06 | -3,673.08 | 3,859.64 | 3,744.52 | 115.12 | 33.528 | | |
| 11,800.00 | 6,840.00 | 7,032.99 | 7,007.04 | 160.73 | 21.90 | 95.46 | 1,518.95 | -3,673.21 | 3,935.89 | 3,821.10 | 114.80 | 34.286 | | |
| 11,900.00 | 6,840.00 | 7,035.67 | 7,009.72 | 163.36 | 21.91 | 95.52 | 1,518.85 | -3,673.34 | 4,013.18 | 3,898.71 | 114.47 | 35.059 | | |
| 12,000.00 | 6,840.00 | 7,038.31 | 7,012.35 | 166.01 | 21.92 | 95.58 | 1,518.75 | -3,673.46 | 4,091.45 | 3,977.32 | 114.14 | 35.847 | | |
| 12,100.00 | 6,840.00 | 7,051.00 | 7,025.02 | 168.65 | 21.96 | 95.87 | 1,518.28 | -3,674.04 | 4,170.68 | 4,056.83 | 113.85 | 36.634 | | |
| 12,200.00 | 6,840.00 | 7,051.00 | 7,025.02 | 171.30 | 21.96 | 95.87 | 1,518.28 | -3,674.04 | 4,250.74 | 4,137.24 | 113.50 | 37.451 | | |
| 12,300.00 | 6,840.00 | 7,051.00 | 7,025.02 | 173.94 | 21.96 | 95.87 | 1,518.28 | -3,674.04 | 4,331.63 | 4,218.48 | 113.15 | 38.281 | | |
| 12,400.00 | 6,840.00 | 7,051.00 | 7,025.02 | 176.59 | 21.96 | 95.87 | 1,518.28 | -3,674.04 | 4,413.30 | 4,300.50 | 112.81 | 39.123 | | |
| 12,500.00 | 6,840.00 | 7,051.00 | 7,025.02 | 179.25 | 21.96 | 95.87 | 1,518.28 | -3,674.04 | 4,495.72 | 4,383.26 | 112.46 | 39.976 | | |
| 12,600.00 | 6,840.00 | 7,051.00 | 7,025.02 | 181.90 | 21.96 | 95.87 | 1,518.28 | -3,674.04 | 4,578.84 | 4,466.72 | 112.12 | 40.840 | | |
| 12,700.00 | 6,840.00 | 7,051.00 | 7,025.02 | 184.56 | 21.96 | 95.87 | 1,518.28 | -3,674.04 | 4,662.61 | 4,550.84 | 111.78 | 41.713 | | |
| 12,800.00 | 6,840.00 | 7,051.00 | 7,025.02 | 187.22 | 21.96 | 95.87 | 1,518.28 | -3,674.04 | 4,747.02 | 4,635.58 | 111.44 | 42.597 | | |
| 12,900.00 | 6,840.00 | 7,051.00 | 7,025.02 | 189.88 | 21.96 | 95.87 | 1,518.28 | -3,674.04 | 4,832.02 | 4,720.92 | 111.11 | 43.489 | | |
| 13,000.00 | 6,840.00 | 7,051.00 | 7,025.02 | 192.54 | 21.96 | 95.87 | 1,518.28 | -3,674.04 | 4,917.59 | 4,806.81 | 110.78 | 44.390 | | |
| 13,100.00 | 6,840.00 | 7,051.00 | 7,025.02 | 195.20 | 21.96 | 95.87 | 1,518.28 | -3,674.04 | 5,003.69 | 4,893.24 | 110.46 | 45.300 | | |
| 13,200.00 | 6,840.00 | 7,066.02 | 7,040.01 | 197.87 | 22.02 | 96.21 | 1,517.74 | -3,674.69 | 5,090.26 | 4,980.05 | 110.21 | 46.186 | | |
| 13,300.00 | 6,840.00 | 7,068.02 | 7,042.02 | 200.53 | 22.03 | 96.26 | 1,517.67 | -3,674.77 | 5,177.34 | 5,067.43 | 109.91 | 47.105 | | |
| 13,400.00 | 6,840.00 | 7,069.99 | 7,043.98 | 203.20 | 22.03 | 96.30 | 1,517.60 | -3,674.85 | 5,264.88 | 5,155.26 | 109.61 | 48.032 | | |
| 13,500.00 | 6,840.00 | 7,071.92 | 7,045.91 | 205.87 | 22.04 | 96.34 | 1,517.53 | -3,674.93 | 5,352.85 | 5,243.53 | 109.32 | 48.965 | | |
| 13,600.00 | 6,840.00 | 7,073.82 | 7,047.80 | 208.54 | 22.05 | 96.39 | 1,517.47 | -3,675.01 | 5,441.24 | 5,332.20 | 109.03 | 49.904 | | |
| 13,700.00 | 6,840.00 | 7,075.68 | 7,049.66 | 211.22 | 22.05 | 96.43 | 1,517.40 | -3,675.08 | 5,530.02 | 5,421.26 | 108.75 | 50.849 | | |
| 13,800.00 | 6,840.00 | 7,077.51 | 7,051.49 | 213.89 | 22.06 | 96.47 | 1,517.34 | -3,675.15 | 5,619.17 | 5,510.69 | 108.48 | 51.799 | | |
| 13,900.00 | 6,840.00 | 7,079.30 | 7,053.28 | 216.56 | 22.07 | 96.51 | 1,517.28 | -3,675.22 | 5,708.69 | 5,600.48 | 108.21 | 52.755 | | |
| 14,000.00 | 6,840.00 | 7,081.06 | 7,055.04 | 219.24 | 22.07 | 96.55 | 1,517.22 | -3,675.29 | 5,798.54 | 5,690.60 | 107.95 | 53.716 | | |
| 14,100.00 | 6,840.00 | 7,082.79 | 7,056.76 | 221.92 | 22.08 | 96.59 | 1,517.16 | -3,675.36 | 5,888.73 | 5,781.04 | 107.69 | 54.682 | | |
| 14,200.00 | 6,840.00 | 7,084.49 | 7,058.46 | 224.59 | 22.09 | 96.63 | 1,517.10 | -3,675.42 | 5,979.22 | 5,871.78 | 107.44 | 55.652 | | |
| 14,300.00 | 6,840.00 | 7,086.16 | 7,060.12 | 227.27 | 22.09 | 96.67 | 1,517.04 | -3,675.48 | 6,070.01 | 5,962.82 | 107.19 | 56.627 | | |
| 14,400.00 | 6,840.00 | 7,087.80 | 7,061.76 | 229.95 | 22.10 | 96.70 | 1,516.99 | -3,675.55 | 6,161.09 | 6,054.13 | 106.95 | 57.605 | | |
| 14,500.00 | 6,840.00 | 7,089.41 | 7,063.37 | 232.63 | 22.10 | 96.74 | 1,516.93 | -3,675.61 | 6,252.43 | 6,145.71 | 106.72 | 58.588 | | |
| 14,600.00 | 6,840.00 | 7,090.99 | 7,064.95 | 235.31 | 22.11 | 96.77 | 1,516.88 | -3,675.66 | 6,344.04 | 6,237.55 | 106.49 | 59.574 | | |
| 14,700.00 | 6,840.00 | 7,092.55 | 7,066.51 | 238.00 | 22.11 | 96.81 | 1,516.83 | -3,675.72 | 6,435.90 | 6,329.63 | 106.27 | 60.564 | | |
| 14,800.00 | 6,840.00 | 7,094.08 | 7,068.04 | 240.68 | 22.12 | 96.84 | 1,516.77 | -3,675.78 | 6,527.99 | 6,421.94 | 106.05 | 61.557 | | |
| 14,900.00 | 6,840.00 | 7,095.58 | 7,069.54 | 243.36 | 22.13 | 96.88 | 1,516.72 | -3,675.83 | 6,620.31 | 6,514.48 | 105.83 | 62.553 | | |
| 15,000.00 | 6,840.00 | 7,097.06 | 7,071.02 | 246.05 | 22.13 | 96.91 | 1,516.67 | -3,675.88 | 6,712.86 | 6,607.23 | 105.63 | 63.553 | | |
| 15,100.00 | 6,840.00 | 7,098.52 | 7,072.47 | 248.74 | 22.14 | 96.94 | 1,516.63 | -3,675.93 | 6,805.61 | 6,700.18 | 105.42 | 64.555 | | |
| 15,200.00 | 6,840.00 | 7,115.00 | 7,088.93 | 251.42 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 6,898.60 | 6,793.30 | 105.30 | 65.514 | | |
| 15,300.00 | 6,840.00 | 7,115.00 | 7,088.93 | 254.11 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 6,991.74 | 6,886.64 | 105.10 | 66.524 | | |
| 15,400.00 | 6,840.00 | 7,115.00 | 7,088.93 | 256.80 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 7,085.07 | 6,980.16 | 104.91 | 67.538 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 789-MWD OWSG, 1317-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,500.00 | 6,840.00 | 7,115.00 | 7,088.93 | 259.49 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 7,178.58 | 7,073.86 | 104.72 | 68.553 | | |
| 15,600.00 | 6,840.00 | 7,115.00 | 7,088.93 | 262.17 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 7,272.26 | 7,167.73 | 104.53 | 69.571 | | |
| 15,700.00 | 6,840.00 | 7,115.00 | 7,088.93 | 264.86 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 7,366.10 | 7,261.75 | 104.35 | 70.591 | | |
| 15,800.00 | 6,840.00 | 7,115.00 | 7,088.93 | 267.55 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 7,460.11 | 7,355.94 | 104.17 | 71.613 | | |
| 15,900.00 | 6,840.00 | 7,115.00 | 7,088.93 | 270.25 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 7,554.27 | 7,450.27 | 104.00 | 72.636 | | |
| 16,000.00 | 6,840.00 | 7,115.00 | 7,088.93 | 272.94 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 7,648.58 | 7,544.74 | 103.83 | 73.662 | | |
| 16,100.00 | 6,840.00 | 7,115.00 | 7,088.93 | 275.63 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 7,743.03 | 7,639.36 | 103.67 | 74.689 | | |
| 16,200.00 | 6,840.00 | 7,115.00 | 7,088.93 | 278.32 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 7,837.62 | 7,734.11 | 103.51 | 75.717 | | |
| 16,300.00 | 6,840.00 | 7,115.00 | 7,088.93 | 281.02 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 7,932.34 | 7,828.98 | 103.36 | 76.747 | | |
| 16,400.00 | 6,840.00 | 7,115.00 | 7,088.93 | 283.71 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 8,027.19 | 7,923.98 | 103.21 | 77.779 | | |
| 16,500.00 | 6,840.00 | 7,115.00 | 7,088.93 | 286.40 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 8,122.16 | 8,019.10 | 103.06 | 78.811 | | |
| 16,600.00 | 6,840.00 | 7,115.00 | 7,088.93 | 289.10 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 8,217.25 | 8,114.34 | 102.92 | 79.845 | | |
| 16,700.00 | 6,840.00 | 7,115.00 | 7,088.93 | 291.79 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 8,312.46 | 8,209.69 | 102.78 | 80.880 | | |
| 16,800.00 | 6,840.00 | 7,115.00 | 7,088.93 | 294.49 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 8,407.78 | 8,305.14 | 102.64 | 81.915 | | |
| 16,900.00 | 6,840.00 | 7,115.00 | 7,088.93 | 297.19 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 8,503.21 | 8,400.70 | 102.51 | 82.952 | | |
| 17,000.00 | 6,840.00 | 7,115.00 | 7,088.93 | 299.88 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 8,598.74 | 8,496.36 | 102.38 | 83.989 | | |
| 17,100.00 | 6,840.00 | 7,115.00 | 7,088.93 | 302.58 | 22.20 | 97.32 | 1,516.08 | -3,676.49 | 8,694.37 | 8,592.11 | 102.25 | 85.028 | | |
| 17,200.00 | 6,840.00 | 7,126.40 | 7,100.32 | 305.28 | 22.24 | 97.57 | 1,515.72 | -3,676.84 | 8,790.08 | 8,687.89 | 102.19 | 86.019 | | |
| 17,300.00 | 6,840.00 | 7,127.67 | 7,101.59 | 307.97 | 22.24 | 97.60 | 1,515.68 | -3,676.88 | 8,885.90 | 8,783.82 | 102.08 | 87.052 | | |
| 17,400.00 | 6,840.00 | 7,128.93 | 7,102.85 | 310.67 | 22.25 | 97.63 | 1,515.64 | -3,676.92 | 8,981.81 | 8,879.84 | 101.97 | 88.086 | | |
| 17,500.00 | 6,840.00 | 7,130.17 | 7,104.09 | 313.37 | 22.25 | 97.66 | 1,515.60 | -3,676.95 | 9,077.80 | 8,975.94 | 101.86 | 89.120 | | |
| 17,600.00 | 6,840.00 | 7,131.39 | 7,105.31 | 316.07 | 22.26 | 97.69 | 1,515.56 | -3,676.99 | 9,173.88 | 9,072.13 | 101.76 | 90.155 | | |
| 17,700.00 | 6,840.00 | 7,132.60 | 7,106.52 | 318.77 | 22.26 | 97.71 | 1,515.52 | -3,677.02 | 9,270.05 | 9,168.39 | 101.66 | 91.190 | | |
| 17,800.00 | 6,840.00 | 7,133.80 | 7,107.71 | 321.47 | 22.26 | 97.74 | 1,515.48 | -3,677.06 | 9,366.29 | 9,264.73 | 101.56 | 92.225 | | |
| 17,900.00 | 6,840.00 | 7,134.98 | 7,108.89 | 324.17 | 22.27 | 97.77 | 1,515.44 | -3,677.09 | 9,462.62 | 9,361.15 | 101.46 | 93.260 | | |
| 18,000.00 | 6,840.00 | 7,136.14 | 7,110.06 | 326.87 | 22.27 | 97.79 | 1,515.41 | -3,677.13 | 9,559.01 | 9,457.64 | 101.37 | 94.296 | | |
| 18,100.00 | 6,840.00 | 7,137.29 | 7,111.21 | 329.57 | 22.28 | 97.82 | 1,515.37 | -3,677.16 | 9,655.48 | 9,554.20 | 101.28 | 95.331 | | |
| 18,200.00 | 6,840.00 | 7,138.43 | 7,112.34 | 332.27 | 22.28 | 97.84 | 1,515.33 | -3,677.19 | 9,752.02 | 9,650.83 | 101.20 | 96.367 | | |
| 18,300.00 | 6,840.00 | 7,139.55 | 7,113.46 | 334.97 | 22.28 | 97.87 | 1,515.30 | -3,677.22 | 9,848.63 | 9,747.52 | 101.11 | 97.402 | | |
| 18,400.00 | 6,840.00 | 7,140.66 | 7,114.57 | 337.67 | 22.29 | 97.89 | 1,515.26 | -3,677.25 | 9,945.31 | 9,844.28 | 101.03 | 98.438 | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (") | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -96.40 | -693.96 | -6,188.28 | 6,227.75 | | | | | |
| 100.00 | 100.00 | 7.06 | 7.06 | 0.13 | 0.01 | -96.40 | -693.96 | -6,188.28 | 6,227.07 | 6,226.93 | 0.14 | N/A | | |
| 200.00 | 200.00 | 95.36 | 95.36 | 0.49 | 0.09 | -96.40 | -694.13 | -6,188.36 | 6,227.18 | 6,226.60 | 0.58 | N/A | | |
| 300.00 | 300.00 | 197.29 | 197.28 | 0.85 | 0.23 | -96.40 | -694.45 | -6,188.53 | 6,227.38 | 6,226.30 | 1.08 | 5,777.416 | | |
| 400.00 | 400.00 | 290.35 | 290.35 | 1.21 | 0.31 | -96.40 | -694.68 | -6,188.71 | 6,227.60 | 6,226.09 | 1.51 | 4,112.980 | | |
| 500.00 | 500.00 | 417.17 | 417.17 | 1.57 | 0.38 | -96.41 | -695.09 | -6,188.74 | 6,227.65 | 6,225.72 | 1.93 | 3,222.132 | | |
| 600.00 | 599.98 | 512.87 | 512.87 | 1.92 | 0.43 | 19.40 | -695.56 | -6,188.57 | 6,225.89 | 6,223.56 | 2.33 | 2,670.811 | | |
| 700.00 | 699.84 | 603.15 | 603.15 | 2.26 | 0.48 | 19.45 | -695.82 | -6,188.54 | 6,220.95 | 6,218.24 | 2.71 | 2,293.673 | | |
| 800.00 | 799.45 | 695.17 | 695.17 | 2.62 | 0.53 | 19.52 | -695.94 | -6,188.65 | 6,212.87 | 6,209.76 | 3.11 | 1,999.103 | | |
| 900.00 | 898.70 | 787.68 | 787.68 | 2.99 | 0.57 | 19.63 | -696.22 | -6,188.85 | 6,201.63 | 6,198.12 | 3.51 | 1,768.695 | | |
| 1,000.00 | 997.47 | 898.85 | 898.85 | 3.39 | 0.63 | 19.78 | -696.75 | -6,189.05 | 6,187.11 | 6,183.19 | 3.91 | 1,580.664 | | |
| 1,100.00 | 1,095.62 | 1,003.71 | 1,003.70 | 3.81 | 0.68 | 19.96 | -697.17 | -6,189.06 | 6,169.18 | 6,164.85 | 4.32 | 1,427.240 | | |
| 1,200.00 | 1,193.06 | 1,086.68 | 1,086.67 | 4.27 | 0.70 | 20.17 | -697.38 | -6,189.14 | 6,148.10 | 6,143.38 | 4.72 | 1,301.950 | | |
| 1,300.00 | 1,289.64 | 1,174.74 | 1,174.73 | 4.77 | 0.74 | 20.42 | -697.55 | -6,189.39 | 6,124.03 | 6,118.89 | 5.14 | 1,191.128 | | |
| 1,400.00 | 1,385.27 | 1,280.81 | 1,280.81 | 5.31 | 0.78 | 20.72 | -697.75 | -6,189.72 | 6,096.84 | 6,091.26 | 5.58 | 1,093.445 | | |
| 1,500.00 | 1,479.82 | 1,380.04 | 1,380.04 | 5.91 | 0.81 | 21.06 | -697.72 | -6,189.87 | 6,066.36 | 6,060.34 | 6.02 | 1,008.113 | | |
| 1,600.00 | 1,573.19 | 1,466.90 | 1,466.90 | 6.55 | 0.83 | 21.39 | -697.58 | -6,190.03 | 6,032.89 | 6,026.42 | 6.47 | 932.506 | | |
| 1,700.00 | 1,666.16 | 1,560.25 | 1,560.24 | 7.23 | 0.85 | 21.52 | -697.26 | -6,190.31 | 5,998.54 | 5,991.62 | 6.92 | 866.836 | | |
| 1,800.00 | 1,759.13 | 1,654.23 | 1,654.22 | 7.93 | 0.87 | 21.65 | -696.91 | -6,190.54 | 5,964.16 | 5,956.78 | 7.38 | 808.406 | | |
| 1,900.00 | 1,852.10 | 1,740.18 | 1,740.17 | 8.64 | 0.89 | 21.78 | -696.43 | -6,190.81 | 5,929.86 | 5,922.02 | 7.84 | 756.325 | | |
| 2,000.00 | 1,945.06 | 1,817.36 | 1,817.35 | 9.35 | 0.91 | 21.89 | -695.98 | -6,191.19 | 5,895.76 | 5,887.45 | 8.31 | 709.599 | | |
| 2,100.00 | 2,038.03 | 1,883.05 | 1,883.03 | 10.08 | 0.93 | 21.99 | -695.66 | -6,191.78 | 5,862.06 | 5,853.28 | 8.78 | 667.483 | | |
| 2,200.00 | 2,131.00 | 1,954.91 | 1,954.89 | 10.81 | 0.95 | 22.09 | -695.40 | -6,192.72 | 5,828.79 | 5,819.52 | 9.26 | 629.130 | | |
| 2,300.00 | 2,223.97 | 2,039.34 | 2,039.30 | 11.54 | 0.98 | 22.22 | -695.14 | -6,194.08 | 5,795.84 | 5,786.08 | 9.75 | 594.159 | | |
| 2,400.00 | 2,316.94 | 2,131.38 | 2,131.33 | 12.28 | 1.01 | 22.36 | -694.60 | -6,195.57 | 5,762.90 | 5,752.66 | 10.25 | 562.268 | | |
| 2,500.00 | 2,409.90 | 2,209.87 | 2,209.80 | 13.02 | 1.03 | 22.49 | -693.86 | -6,197.01 | 5,730.18 | 5,719.43 | 10.75 | 533.211 | | |
| 2,600.00 | 2,502.87 | 2,283.38 | 2,283.29 | 13.77 | 1.05 | 22.60 | -693.27 | -6,198.58 | 5,697.77 | 5,686.53 | 11.25 | 506.586 | | |
| 2,700.00 | 2,595.84 | 2,345.23 | 2,345.13 | 14.51 | 1.07 | 22.70 | -693.06 | -6,200.14 | 5,665.81 | 5,654.06 | 11.75 | 482.104 | | |
| 2,800.00 | 2,688.81 | 2,406.46 | 2,406.32 | 15.26 | 1.10 | 22.80 | -693.15 | -6,202.05 | 5,634.46 | 5,622.20 | 12.26 | 459.533 | | |
| 2,900.00 | 2,781.77 | 2,503.30 | 2,503.11 | 16.01 | 1.13 | 22.94 | -693.87 | -6,205.25 | 5,603.37 | 5,590.59 | 12.77 | 438.629 | | |
| 3,000.00 | 2,874.74 | 2,581.34 | 2,581.09 | 16.76 | 1.16 | 23.05 | -694.79 | -6,207.91 | 5,572.43 | 5,559.14 | 13.29 | 419.277 | | |
| 3,100.00 | 2,967.71 | 2,665.32 | 2,665.01 | 17.52 | 1.19 | 23.17 | -696.03 | -6,210.96 | 5,541.75 | 5,527.94 | 13.81 | 401.318 | | |
| 3,200.00 | 3,060.68 | 2,754.24 | 2,753.86 | 18.27 | 1.22 | 23.30 | -697.73 | -6,214.30 | 5,511.23 | 5,496.90 | 14.33 | 384.616 | | |
| 3,300.00 | 3,153.65 | 2,871.28 | 2,870.78 | 19.03 | 1.26 | 23.46 | -700.14 | -6,218.58 | 5,480.69 | 5,465.84 | 14.85 | 369.102 | | |
| 3,400.00 | 3,246.61 | 3,032.84 | 3,032.25 | 19.78 | 1.31 | 23.69 | -703.91 | -6,222.91 | 5,449.21 | 5,433.85 | 15.36 | 354.781 | | |
| 3,500.00 | 3,339.58 | 3,148.40 | 3,147.75 | 20.54 | 1.35 | 23.85 | -706.86 | -6,225.13 | 5,417.09 | 5,401.22 | 15.87 | 341.266 | | |
| 3,600.00 | 3,432.55 | 3,242.39 | 3,241.69 | 21.30 | 1.38 | 23.98 | -709.27 | -6,226.62 | 5,384.69 | 5,368.29 | 16.39 | 328.470 | | |
| 3,700.00 | 3,525.52 | 3,300.00 | 3,299.28 | 22.06 | 1.39 | 24.06 | -710.70 | -6,227.69 | 5,352.62 | 5,335.70 | 16.93 | 316.246 | | |
| 3,800.00 | 3,618.49 | 3,363.59 | 3,362.83 | 22.82 | 1.41 | 24.16 | -711.87 | -6,229.28 | 5,321.16 | 5,303.70 | 17.46 | 304.743 | | |
| 3,900.00 | 3,711.45 | 3,421.48 | 3,420.69 | 23.57 | 1.43 | 24.25 | -712.25 | -6,231.28 | 5,290.47 | 5,272.47 | 18.00 | 293.862 | | |
| 4,000.00 | 3,804.42 | 3,490.97 | 3,490.12 | 24.33 | 1.45 | 24.38 | -711.73 | -6,234.08 | 5,260.34 | 5,241.79 | 18.55 | 283.599 | | |
| 4,100.00 | 3,897.39 | 3,586.29 | 3,585.34 | 25.09 | 1.48 | 24.57 | -710.08 | -6,238.20 | 5,230.49 | 5,211.39 | 19.09 | 273.948 | | |
| 4,200.00 | 3,990.36 | 3,729.20 | 3,728.12 | 25.86 | 1.52 | 24.85 | -707.74 | -6,243.58 | 5,200.14 | 5,180.51 | 19.63 | 264.933 | | |
| 4,300.00 | 4,083.32 | 3,822.79 | 3,821.66 | 26.62 | 1.55 | 25.03 | -706.54 | -6,246.66 | 5,169.44 | 5,149.26 | 20.18 | 256.209 | | |
| 4,400.00 | 4,176.29 | 3,905.80 | 3,904.61 | 27.38 | 1.57 | 25.20 | -705.63 | -6,249.52 | 5,138.93 | 5,118.20 | 20.73 | 247.884 | | |
| 4,500.00 | 4,269.26 | 4,014.58 | 4,013.32 | 28.14 | 1.61 | 25.42 | -704.17 | -6,253.21 | 5,108.42 | 5,087.14 | 21.28 | 240.049 | | |
| 4,600.00 | 4,362.23 | 4,101.39 | 4,100.08 | 28.90 | 1.63 | 25.59 | -703.22 | -6,256.12 | 5,077.93 | 5,056.09 | 21.84 | 232.510 | | |
| 4,700.00 | 4,455.20 | 4,199.16 | 4,197.79 | 29.66 | 1.66 | 25.79 | -702.51 | -6,259.38 | 5,047.48 | 5,025.08 | 22.40 | 225.357 | | |
| 4,800.00 | 4,548.16 | 4,319.54 | 4,318.12 | 30.43 | 1.70 | 26.02 | -702.10 | -6,263.02 | 5,016.80 | 4,993.85 | 22.95 | 218.608 | | |
| 4,900.00 | 4,641.13 | 4,393.64 | 4,392.18 | 31.19 | 1.72 | 26.17 | -701.77 | -6,265.28 | 4,986.18 | 4,962.66 | 23.52 | 211.986 | | |
| 5,000.00 | 4,734.10 | 4,472.37 | 4,470.86 | 31.95 | 1.75 | 26.33 | -701.24 | -6,267.89 | 4,955.86 | 4,931.77 | 24.10 | 205.676 | | |
| 5,100.00 | 4,827.07 | 4,588.22 | 4,586.65 | 32.71 | 1.79 | 26.58 | -700.53 | -6,271.76 | 4,925.66 | 4,901.00 | 24.66 | 199.771 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,678.77 | 4,677.15 | 33.48 | 1.82 | 26.76 | -700.11 | -6,274.49 | 4,895.18 | 4,869.94 | 25.23 | 194.013 | | |
| 5,300.00 | 5,013.00 | 4,756.33 | 4,754.67 | 34.24 | 1.84 | 26.93 | -699.44 | -6,276.99 | 4,864.95 | 4,839.13 | 25.82 | 188.449 | | |
| 5,400.00 | 5,105.97 | 4,846.21 | 4,844.48 | 35.00 | 1.87 | 27.14 | -697.92 | -6,280.19 | 4,835.08 | 4,808.69 | 26.40 | 183.158 | | |
| 5,500.00 | 5,198.94 | 4,940.04 | 4,938.23 | 35.77 | 1.89 | 27.36 | -695.71 | -6,283.40 | 4,805.16 | 4,778.17 | 26.98 | 178.078 | | |
| 5,600.00 | 5,291.91 | 5,031.49 | 5,029.59 | 36.53 | 1.92 | 27.58 | -693.52 | -6,286.72 | 4,775.50 | 4,747.93 | 27.57 | 173.194 | | |
| 5,700.00 | 5,384.87 | 5,158.62 | 5,156.64 | 37.29 | 1.96 | 27.88 | -691.33 | -6,290.75 | 4,745.46 | 4,717.32 | 28.15 | 168.604 | | |
| 5,800.00 | 5,477.84 | 5,279.85 | 5,277.82 | 38.06 | 1.99 | 28.16 | -690.21 | -6,293.87 | 4,714.94 | 4,686.22 | 28.72 | 164.161 | | |
| 5,900.00 | 5,570.81 | 5,418.68 | 5,416.63 | 38.82 | 2.04 | 28.48 | -689.46 | -6,296.40 | 4,683.78 | 4,654.49 | 29.29 | 159.931 | | |
| 6,000.00 | 5,663.78 | 6,000.00 | 5,663.68 | 39.59 | 2.12 | 28.83 | -688.46 | -6,297.50 | 4,651.67 | 4,621.79 | 29.88 | 155.660 | | |
| 6,100.00 | 5,756.75 | 5,667.11 | 5,665.03 | 40.35 | 2.08 | 29.09 | -686.61 | -6,297.27 | 4,618.73 | 4,588.32 | 30.41 | 151.892 | | |
| 6,200.00 | 5,849.71 | 5,784.93 | 5,782.82 | 41.12 | 2.09 | 29.41 | -684.01 | -6,297.16 | 4,586.08 | 4,555.11 | 30.97 | 148.077 | | |
| 6,300.00 | 5,942.68 | 5,894.81 | 5,892.68 | 41.88 | 2.09 | 29.70 | -681.97 | -6,296.22 | 4,552.73 | 4,521.20 | 31.54 | 144.364 | | |
| 6,400.00 | 6,035.65 | 5,992.01 | 5,989.86 | 42.64 | 2.08 | 29.95 | -680.91 | -6,295.24 | 4,519.29 | 4,487.18 | 32.11 | 140.740 | | |
| 6,500.00 | 6,128.62 | 6,112.81 | 6,110.65 | 43.41 | 2.07 | 30.27 | -680.15 | -6,293.48 | 4,485.47 | 4,452.82 | 32.65 | 137.367 | | |
| 6,600.00 | 6,221.59 | 6,172.52 | 6,170.35 | 44.17 | 2.07 | 30.42 | -680.03 | -6,292.71 | 4,451.88 | 4,418.61 | 33.28 | 133.786 | | |
| 6,700.00 | 6,314.55 | 6,259.41 | 6,257.24 | 44.94 | 2.06 | 30.64 | -680.08 | -6,292.10 | 4,418.89 | 4,385.03 | 33.87 | 130.479 | | |
| 6,800.00 | 6,407.52 | 6,372.79 | 6,370.61 | 45.70 | 2.05 | 30.94 | -679.63 | -6,290.93 | 4,385.70 | 4,351.27 | 34.43 | 127.384 | | |
| 6,900.00 | 6,499.98 | 6,459.92 | 6,457.74 | 46.49 | 2.04 | 27.18 | -679.10 | -6,289.79 | 4,350.97 | 4,315.93 | 35.04 | 124.183 | | |
| 7,000.00 | 6,586.50 | 6,532.53 | 6,530.34 | 47.49 | 2.04 | 21.66 | -678.61 | -6,289.03 | 4,303.50 | 4,267.82 | 35.69 | 120.593 | | |
| 7,100.00 | 6,663.58 | 6,596.39 | 6,594.19 | 48.75 | 2.04 | 19.20 | -678.20 | -6,288.57 | 4,241.85 | 4,205.51 | 36.33 | 116.751 | | |
| 7,200.00 | 6,728.87 | 6,697.33 | 6,695.13 | 50.23 | 2.03 | 18.88 | -677.43 | -6,287.56 | 4,167.43 | 4,130.56 | 36.87 | 113.032 | | |
| 7,300.00 | 6,780.38 | 6,736.68 | 6,734.47 | 51.91 | 2.03 | 20.19 | -677.08 | -6,287.03 | 4,082.52 | 4,045.11 | 37.41 | 109.139 | | |
| 7,400.00 | 6,816.56 | 6,763.31 | 6,761.09 | 53.74 | 2.03 | 24.91 | -676.85 | -6,286.74 | 3,989.98 | 3,952.13 | 37.85 | 105.425 | | |
| 7,500.00 | 6,836.29 | 6,777.65 | 6,775.43 | 55.65 | 2.03 | 42.97 | -676.72 | -6,286.60 | 3,892.52 | 3,854.35 | 38.17 | 101.978 | | |
| 7,600.00 | 6,840.00 | 6,779.83 | 6,777.61 | 57.58 | 2.03 | 95.60 | -676.71 | -6,286.58 | 3,792.99 | 3,754.62 | 38.38 | 98.838 | | |
| 7,700.00 | 6,840.00 | 6,779.17 | 6,776.95 | 59.56 | 2.03 | 95.48 | -676.71 | -6,286.59 | 3,693.32 | 3,654.76 | 38.56 | 95.777 | | |
| 7,800.00 | 6,840.00 | 6,778.50 | 6,776.29 | 61.60 | 2.03 | 95.35 | -676.72 | -6,286.59 | 3,593.67 | 3,554.91 | 38.76 | 92.718 | | |
| 7,900.00 | 6,840.00 | 6,777.82 | 6,775.61 | 63.69 | 2.03 | 95.22 | -676.72 | -6,286.60 | 3,494.04 | 3,455.07 | 38.97 | 89.660 | | |
| 8,000.00 | 6,840.00 | 6,777.14 | 6,774.92 | 65.82 | 2.03 | 95.09 | -676.73 | -6,286.61 | 3,394.43 | 3,355.23 | 39.19 | 86.604 | | |
| 8,100.00 | 6,840.00 | 6,776.44 | 6,774.23 | 67.99 | 2.03 | 94.96 | -676.73 | -6,286.61 | 3,294.84 | 3,255.40 | 39.44 | 83.551 | | |
| 8,200.00 | 6,840.00 | 6,775.74 | 6,773.53 | 70.21 | 2.03 | 94.83 | -676.74 | -6,286.62 | 3,195.27 | 3,155.58 | 39.69 | 80.500 | | |
| 8,300.00 | 6,840.00 | 6,775.03 | 6,772.81 | 72.45 | 2.03 | 94.70 | -676.75 | -6,286.63 | 3,095.74 | 3,055.77 | 39.97 | 77.453 | | |
| 8,400.00 | 6,840.00 | 6,774.31 | 6,772.09 | 74.73 | 2.03 | 94.56 | -676.75 | -6,286.63 | 2,996.24 | 2,955.97 | 40.27 | 74.410 | | |
| 8,500.00 | 6,840.00 | 6,773.58 | 6,771.36 | 77.04 | 2.03 | 94.42 | -676.76 | -6,286.64 | 2,896.77 | 2,856.18 | 40.59 | 71.371 | | |
| 8,600.00 | 6,840.00 | 6,772.84 | 6,770.62 | 79.38 | 2.03 | 94.28 | -676.77 | -6,286.65 | 2,797.33 | 2,756.40 | 40.93 | 68.337 | | |
| 8,700.00 | 6,840.00 | 6,772.09 | 6,769.87 | 81.74 | 2.03 | 94.14 | -676.77 | -6,286.65 | 2,697.94 | 2,656.63 | 41.31 | 65.308 | | |
| 8,800.00 | 6,840.00 | 6,771.33 | 6,769.12 | 84.12 | 2.03 | 94.00 | -676.78 | -6,286.66 | 2,598.60 | 2,556.88 | 41.72 | 62.287 | | |
| 8,900.00 | 6,840.00 | 6,770.56 | 6,768.35 | 86.52 | 2.03 | 93.85 | -676.79 | -6,286.67 | 2,499.31 | 2,457.14 | 42.17 | 59.273 | | |
| 9,000.00 | 6,840.00 | 6,769.78 | 6,767.57 | 88.94 | 2.03 | 93.71 | -676.79 | -6,286.67 | 2,400.07 | 2,357.42 | 42.65 | 56.268 | | |
| 9,100.00 | 6,840.00 | 6,768.99 | 6,766.78 | 91.38 | 2.03 | 93.56 | -676.80 | -6,286.68 | 2,300.91 | 2,257.71 | 43.19 | 53.273 | | |
| 9,200.00 | 6,840.00 | 6,768.19 | 6,765.97 | 93.83 | 2.03 | 93.41 | -676.81 | -6,286.69 | 2,201.81 | 2,158.03 | 43.78 | 50.290 | | |
| 9,300.00 | 6,840.00 | 6,767.38 | 6,765.16 | 96.30 | 2.03 | 93.25 | -676.81 | -6,286.70 | 2,102.81 | 2,058.37 | 44.44 | 47.320 | | |
| 9,400.00 | 6,840.00 | 6,766.55 | 6,764.34 | 98.79 | 2.03 | 93.10 | -676.82 | -6,286.70 | 2,003.90 | 1,958.73 | 45.17 | 44.366 | | |
| 9,500.00 | 6,840.00 | 6,765.72 | 6,763.50 | 101.28 | 2.03 | 92.94 | -676.83 | -6,286.71 | 1,905.10 | 1,859.12 | 45.98 | 41.431 | | |
| 9,600.00 | 6,840.00 | 6,764.87 | 6,762.66 | 103.79 | 2.03 | 92.78 | -676.83 | -6,286.72 | 1,806.44 | 1,759.54 | 46.90 | 38.518 | | |
| 9,700.00 | 6,840.00 | 6,764.01 | 6,761.80 | 106.30 | 2.03 | 92.62 | -676.84 | -6,286.73 | 1,707.93 | 1,659.99 | 47.94 | 35.630 | | |
| 9,800.00 | 6,840.00 | 6,763.14 | 6,760.93 | 108.83 | 2.03 | 92.45 | -676.85 | -6,286.74 | 1,609.61 | 1,560.49 | 49.12 | 32.772 | | |
| 9,900.00 | 6,840.00 | 6,762.26 | 6,760.05 | 111.37 | 2.03 | 92.29 | -676.86 | -6,286.75 | 1,511.50 | 1,461.03 | 50.47 | 29.950 | | |
| 10,000.00 | 6,840.00 | 6,761.37 | 6,759.15 | 113.91 | 2.03 | 92.12 | -676.87 | -6,286.75 | 1,413.66 | 1,361.63 | 52.03 | 27.171 | | |
| 10,100.00 | 6,840.00 | 6,760.46 | 6,758.24 | 116.47 | 2.03 | 91.94 | -676.87 | -6,286.76 | 1,316.14 | 1,262.29 | 53.85 | 24.442 | | |
| 10,200.00 | 6,840.00 | 6,759.54 | 6,757.32 | 119.03 | 2.03 | 91.77 | -676.88 | -6,286.77 | 1,219.03 | 1,163.04 | 55.99 | 21.774 | | |
| 10,300.00 | 6,840.00 | 6,758.60 | 6,756.39 | 121.59 | 2.03 | 91.59 | -676.89 | -6,286.78 | 1,122.42 | 1,063.90 | 58.52 | 19.179 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 6,757.65 | 6,755.44 | 124.17 | 2.03 | 91.41 | -676.90 | -6,286.79 | 1,026.46 | 964.89 | 61.57 | 16.671 | | |
| 10,500.00 | 6,840.00 | 6,756.69 | 6,754.48 | 126.75 | 2.03 | 91.23 | -676.91 | -6,286.80 | 931.35 | 866.07 | 65.27 | 14.268 | | |
| 10,600.00 | 6,840.00 | 6,755.71 | 6,753.50 | 129.34 | 2.03 | 91.04 | -676.91 | -6,286.81 | 837.37 | 767.54 | 69.84 | 11.990 | | |
| 10,700.00 | 6,840.00 | 6,754.72 | 6,752.51 | 131.93 | 2.03 | 90.86 | -676.92 | -6,286.82 | 744.97 | 669.44 | 75.53 | 9.863 | | |
| 10,800.00 | 6,840.00 | 6,753.71 | 6,751.50 | 134.53 | 2.03 | 90.66 | -676.93 | -6,286.83 | 654.80 | 572.06 | 82.74 | 7.914 | | |
| 10,900.00 | 6,840.00 | 6,752.69 | 6,750.48 | 137.13 | 2.03 | 90.47 | -676.94 | -6,286.85 | 567.94 | 475.98 | 91.96 | 6.176 | | |
| 11,000.00 | 6,840.00 | 6,751.65 | 6,749.44 | 139.73 | 2.03 | 90.27 | -676.95 | -6,286.86 | 486.14 | 382.42 | 103.72 | 4.687 | | |
| 11,100.00 | 6,840.00 | 6,750.60 | 6,748.38 | 142.35 | 2.03 | 90.07 | -676.96 | -6,286.87 | 412.44 | 294.14 | 118.30 | 3.486 | | |
| 11,200.00 | 6,840.00 | 6,749.52 | 6,747.31 | 144.96 | 2.03 | 89.87 | -676.97 | -6,286.88 | 351.97 | 217.40 | 134.57 | 2.615 | | |
| 11,300.00 | 6,840.00 | 6,748.44 | 6,746.22 | 147.58 | 2.03 | 89.66 | -676.98 | -6,286.89 | 312.51 | 164.75 | 147.76 | 2.115 | | |
| 11,381.15 | 6,840.00 | 6,747.54 | 6,745.33 | 149.71 | 2.03 | 89.49 | -676.99 | -6,286.90 | 301.79 | 151.32 | 150.47 | 2.006 | CC, ES, SF | |
| 11,400.00 | 6,840.00 | 6,747.33 | 6,745.12 | 150.20 | 2.03 | 89.45 | -676.99 | -6,286.90 | 302.38 | 152.69 | 149.68 | 2.020 | | |
| 11,500.00 | 6,840.00 | 6,746.21 | 6,744.00 | 152.83 | 2.03 | 89.24 | -677.00 | -6,286.92 | 324.35 | 186.69 | 137.66 | 2.356 | | |
| 11,600.00 | 6,840.00 | 6,745.06 | 6,742.85 | 155.46 | 2.03 | 89.02 | -677.01 | -6,286.93 | 372.78 | 253.85 | 118.93 | 3.134 | | |
| 11,700.00 | 6,840.00 | 6,743.90 | 6,741.69 | 158.09 | 2.03 | 88.80 | -677.02 | -6,286.94 | 439.01 | 338.09 | 100.92 | 4.350 | | |
| 11,800.00 | 6,840.00 | 6,742.72 | 6,740.51 | 160.73 | 2.03 | 88.58 | -677.03 | -6,286.96 | 516.23 | 429.93 | 86.29 | 5.982 | | |
| 11,900.00 | 6,840.00 | 6,741.53 | 6,739.32 | 163.36 | 2.03 | 88.35 | -677.04 | -6,286.97 | 600.21 | 525.15 | 75.06 | 7.996 | | |
| 12,000.00 | 6,840.00 | 6,740.31 | 6,738.10 | 166.01 | 2.03 | 88.12 | -677.05 | -6,286.98 | 688.48 | 621.94 | 66.54 | 10.347 | | |
| 12,100.00 | 6,840.00 | 6,739.07 | 6,736.86 | 168.65 | 2.03 | 87.88 | -677.06 | -6,287.00 | 779.59 | 719.54 | 60.05 | 12.982 | | |
| 12,200.00 | 6,840.00 | 6,737.81 | 6,735.60 | 171.30 | 2.03 | 87.65 | -677.07 | -6,287.01 | 872.64 | 817.58 | 55.07 | 15.847 | | |
| 12,300.00 | 6,840.00 | 6,736.52 | 6,734.31 | 173.94 | 2.03 | 87.40 | -677.08 | -6,287.03 | 967.09 | 915.89 | 51.20 | 18.890 | | |
| 12,400.00 | 6,840.00 | 6,735.22 | 6,733.01 | 176.59 | 2.03 | 87.15 | -677.10 | -6,287.04 | 1,062.54 | 1,014.38 | 48.16 | 22.063 | | |
| 12,500.00 | 6,840.00 | 6,733.89 | 6,731.68 | 179.25 | 2.03 | 86.90 | -677.11 | -6,287.06 | 1,158.77 | 1,113.01 | 45.75 | 25.326 | | |
| 12,600.00 | 6,840.00 | 6,732.54 | 6,730.33 | 181.90 | 2.03 | 86.65 | -677.12 | -6,287.08 | 1,255.58 | 1,211.74 | 43.84 | 28.643 | | |
| 12,700.00 | 6,840.00 | 6,731.16 | 6,728.95 | 184.56 | 2.03 | 86.39 | -677.13 | -6,287.09 | 1,352.85 | 1,310.56 | 42.29 | 31.988 | | |
| 12,800.00 | 6,840.00 | 6,729.76 | 6,727.56 | 187.22 | 2.03 | 86.12 | -677.14 | -6,287.11 | 1,450.50 | 1,409.45 | 41.04 | 35.340 | | |
| 12,900.00 | 6,840.00 | 6,728.34 | 6,726.13 | 189.88 | 2.03 | 85.85 | -677.16 | -6,287.13 | 1,548.44 | 1,508.41 | 40.03 | 38.683 | | |
| 13,000.00 | 6,840.00 | 6,726.89 | 6,724.68 | 192.54 | 2.03 | 85.58 | -677.17 | -6,287.15 | 1,646.63 | 1,607.43 | 39.20 | 42.007 | | |
| 13,100.00 | 6,840.00 | 6,725.41 | 6,723.20 | 195.20 | 2.03 | 85.30 | -677.18 | -6,287.17 | 1,745.02 | 1,706.51 | 38.52 | 45.304 | | |
| 13,200.00 | 6,840.00 | 6,723.90 | 6,721.70 | 197.87 | 2.03 | 85.01 | -677.20 | -6,287.19 | 1,843.59 | 1,805.63 | 37.96 | 48.568 | | |
| 13,300.00 | 6,840.00 | 6,722.37 | 6,720.16 | 200.53 | 2.03 | 84.73 | -677.21 | -6,287.21 | 1,942.30 | 1,904.80 | 37.50 | 51.798 | | |
| 13,400.00 | 6,840.00 | 6,720.81 | 6,718.60 | 203.20 | 2.03 | 84.43 | -677.22 | -6,287.23 | 2,041.14 | 2,004.02 | 37.12 | 54.992 | | |
| 13,500.00 | 6,840.00 | 6,719.21 | 6,717.01 | 205.87 | 2.03 | 84.13 | -677.24 | -6,287.25 | 2,140.08 | 2,103.28 | 36.80 | 58.150 | | |
| 13,600.00 | 6,840.00 | 6,717.59 | 6,715.38 | 208.54 | 2.03 | 83.83 | -677.25 | -6,287.27 | 2,239.12 | 2,202.57 | 36.54 | 61.271 | | |
| 13,700.00 | 6,840.00 | 6,715.93 | 6,713.73 | 211.22 | 2.03 | 83.51 | -677.27 | -6,287.29 | 2,338.23 | 2,301.90 | 36.33 | 64.356 | | |
| 13,800.00 | 6,840.00 | 6,714.25 | 6,712.04 | 213.89 | 2.03 | 83.20 | -677.28 | -6,287.32 | 2,437.42 | 2,401.26 | 36.16 | 67.407 | | |
| 13,900.00 | 6,840.00 | 6,712.52 | 6,710.32 | 216.56 | 2.03 | 82.87 | -677.30 | -6,287.34 | 2,536.67 | 2,500.65 | 36.02 | 70.426 | | |
| 14,000.00 | 6,840.00 | 6,710.77 | 6,708.56 | 219.24 | 2.03 | 82.55 | -677.31 | -6,287.36 | 2,635.98 | 2,600.07 | 35.91 | 73.412 | | |
| 14,100.00 | 6,840.00 | 6,708.97 | 6,706.77 | 221.92 | 2.03 | 82.21 | -677.33 | -6,287.39 | 2,735.34 | 2,699.52 | 35.82 | 76.368 | | |
| 14,200.00 | 6,840.00 | 6,707.15 | 6,704.94 | 224.59 | 2.03 | 81.87 | -677.35 | -6,287.42 | 2,834.74 | 2,798.99 | 35.75 | 79.295 | | |
| 14,300.00 | 6,840.00 | 6,705.28 | 6,703.07 | 227.27 | 2.03 | 81.52 | -677.36 | -6,287.44 | 2,934.18 | 2,898.48 | 35.70 | 82.194 | | |
| 14,400.00 | 6,840.00 | 6,703.37 | 6,701.17 | 229.95 | 2.03 | 81.17 | -677.38 | -6,287.47 | 3,033.66 | 2,997.99 | 35.66 | 85.067 | | |
| 14,500.00 | 6,840.00 | 6,701.43 | 6,699.22 | 232.63 | 2.03 | 80.81 | -677.40 | -6,287.50 | 3,133.16 | 3,097.53 | 35.64 | 87.915 | | |
| 14,600.00 | 6,840.00 | 6,700.00 | 6,697.79 | 235.31 | 2.03 | 80.54 | -677.41 | -6,287.52 | 3,232.70 | 3,197.07 | 35.63 | 90.725 | | |
| 14,700.00 | 6,840.00 | 6,700.00 | 6,697.79 | 238.00 | 2.03 | 80.54 | -677.41 | -6,287.52 | 3,332.27 | 3,296.62 | 35.65 | 93.476 | | |
| 14,800.00 | 6,840.00 | 6,700.00 | 6,697.79 | 240.68 | 2.03 | 80.54 | -677.41 | -6,287.52 | 3,431.86 | 3,396.19 | 35.67 | 96.203 | | |
| 14,900.00 | 6,840.00 | 6,700.00 | 6,697.79 | 243.36 | 2.03 | 80.54 | -677.41 | -6,287.52 | 3,531.47 | 3,495.77 | 35.70 | 98.907 | | |
| 15,000.00 | 6,840.00 | 6,700.00 | 6,697.79 | 246.05 | 2.03 | 80.54 | -677.41 | -6,287.52 | 3,631.11 | 3,595.37 | 35.74 | 101.589 | | |
| 15,100.00 | 6,840.00 | 6,694.20 | 6,692.00 | 248.74 | 2.03 | 79.57 | -677.46 | -6,287.61 | 3,730.76 | 3,695.02 | 35.74 | 104.395 | | |
| 15,200.00 | 6,840.00 | 6,693.15 | 6,690.95 | 251.42 | 2.03 | 79.28 | -677.47 | -6,287.62 | 3,830.43 | 3,794.65 | 35.78 | 107.062 | | |
| 15,300.00 | 6,840.00 | 6,692.11 | 6,689.91 | 254.11 | 2.03 | 79.09 | -677.48 | -6,287.64 | 3,930.12 | 3,894.29 | 35.82 | 109.710 | | |
| 15,400.00 | 6,840.00 | 6,691.09 | 6,688.89 | 256.80 | 2.03 | 78.90 | -677.49 | -6,287.65 | 4,029.82 | 3,993.95 | 35.87 | 112.338 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,500.00 | 6,840.00 | 6,690.08 | 6,687.88 | 259.49 | 2.03 | 78.71 | -677.50 | -6,287.66 | 4,129.53 | 4,093.61 | 35.93 | 114.946 | | |
| 15,600.00 | 6,840.00 | 6,689.09 | 6,686.88 | 262.17 | 2.03 | 78.53 | -677.51 | -6,287.68 | 4,229.26 | 4,193.28 | 35.98 | 117.537 | | |
| 15,700.00 | 6,840.00 | 6,688.10 | 6,685.90 | 264.86 | 2.03 | 78.35 | -677.52 | -6,287.69 | 4,329.01 | 4,292.96 | 36.04 | 120.109 | | |
| 15,800.00 | 6,840.00 | 6,687.13 | 6,684.93 | 267.55 | 2.03 | 78.17 | -677.53 | -6,287.70 | 4,428.76 | 4,392.65 | 36.10 | 122.664 | | |
| 15,900.00 | 6,840.00 | 6,686.18 | 6,683.97 | 270.25 | 2.03 | 78.00 | -677.53 | -6,287.72 | 4,528.52 | 4,492.35 | 36.17 | 125.201 | | |
| 16,000.00 | 6,840.00 | 6,685.23 | 6,683.03 | 272.94 | 2.03 | 77.83 | -677.54 | -6,287.73 | 4,628.30 | 4,592.06 | 36.24 | 127.722 | | |
| 16,100.00 | 6,840.00 | 6,684.30 | 6,682.10 | 275.63 | 2.03 | 77.66 | -677.55 | -6,287.74 | 4,728.08 | 4,691.77 | 36.31 | 130.226 | | |
| 16,200.00 | 6,840.00 | 6,683.38 | 6,681.18 | 278.32 | 2.03 | 77.49 | -677.56 | -6,287.76 | 4,827.87 | 4,791.49 | 36.38 | 132.714 | | |
| 16,300.00 | 6,840.00 | 6,682.47 | 6,680.27 | 281.02 | 2.03 | 77.33 | -677.57 | -6,287.77 | 4,927.67 | 4,891.22 | 36.45 | 135.186 | | |
| 16,400.00 | 6,840.00 | 6,681.57 | 6,679.37 | 283.71 | 2.03 | 77.16 | -677.57 | -6,287.78 | 5,027.48 | 4,990.95 | 36.53 | 137.642 | | |
| 16,500.00 | 6,840.00 | 6,680.69 | 6,678.48 | 286.40 | 2.03 | 77.00 | -677.58 | -6,287.79 | 5,127.29 | 5,090.69 | 36.60 | 140.083 | | |
| 16,600.00 | 6,840.00 | 6,679.81 | 6,677.61 | 289.10 | 2.03 | 76.84 | -677.59 | -6,287.80 | 5,227.11 | 5,190.43 | 36.68 | 142.509 | | |
| 16,700.00 | 6,840.00 | 6,678.95 | 6,676.74 | 291.79 | 2.03 | 76.69 | -677.60 | -6,287.81 | 5,326.94 | 5,290.18 | 36.76 | 144.919 | | |
| 16,800.00 | 6,840.00 | 6,678.09 | 6,675.89 | 294.49 | 2.03 | 76.53 | -677.60 | -6,287.82 | 5,426.77 | 5,389.94 | 36.84 | 147.315 | | |
| 16,900.00 | 6,840.00 | 6,677.25 | 6,675.05 | 297.19 | 2.03 | 76.38 | -677.61 | -6,287.84 | 5,526.61 | 5,489.70 | 36.92 | 149.696 | | |
| 17,000.00 | 6,840.00 | 6,676.42 | 6,674.22 | 299.88 | 2.03 | 76.23 | -677.62 | -6,287.85 | 5,626.46 | 5,589.46 | 37.00 | 152.063 | | |
| 17,100.00 | 6,840.00 | 6,675.59 | 6,673.39 | 302.58 | 2.03 | 76.08 | -677.62 | -6,287.86 | 5,726.31 | 5,689.23 | 37.08 | 154.415 | | |
| 17,200.00 | 6,840.00 | 6,674.78 | 6,672.58 | 305.28 | 2.03 | 75.94 | -677.63 | -6,287.87 | 5,826.17 | 5,789.00 | 37.17 | 156.754 | | |
| 17,300.00 | 6,840.00 | 6,673.98 | 6,671.78 | 307.97 | 2.03 | 75.79 | -677.64 | -6,287.88 | 5,926.03 | 5,888.77 | 37.25 | 159.078 | | |
| 17,400.00 | 6,840.00 | 6,673.18 | 6,670.98 | 310.67 | 2.03 | 75.65 | -677.64 | -6,287.89 | 6,025.89 | 5,988.55 | 37.34 | 161.388 | | |
| 17,500.00 | 6,840.00 | 6,672.40 | 6,670.20 | 313.37 | 2.03 | 75.51 | -677.65 | -6,287.90 | 6,125.76 | 6,088.34 | 37.42 | 163.685 | | |
| 17,600.00 | 6,840.00 | 6,671.62 | 6,669.42 | 316.07 | 2.03 | 75.37 | -677.66 | -6,287.91 | 6,225.63 | 6,188.12 | 37.51 | 165.968 | | |
| 17,700.00 | 6,840.00 | 6,670.86 | 6,668.66 | 318.77 | 2.03 | 75.24 | -677.66 | -6,287.92 | 6,325.51 | 6,287.91 | 37.60 | 168.238 | | |
| 17,800.00 | 6,840.00 | 6,670.10 | 6,667.90 | 321.47 | 2.03 | 75.10 | -677.67 | -6,287.92 | 6,425.39 | 6,387.70 | 37.69 | 170.494 | | |
| 17,900.00 | 6,840.00 | 6,669.35 | 6,667.15 | 324.17 | 2.03 | 74.97 | -677.68 | -6,287.93 | 6,525.27 | 6,487.50 | 37.78 | 172.737 | | |
| 18,000.00 | 6,840.00 | 6,668.61 | 6,666.41 | 326.87 | 2.03 | 74.84 | -677.68 | -6,287.94 | 6,625.16 | 6,587.30 | 37.87 | 174.967 | | |
| 18,100.00 | 6,840.00 | 6,667.88 | 6,665.68 | 329.57 | 2.03 | 74.71 | -677.69 | -6,287.95 | 6,725.05 | 6,687.10 | 37.96 | 177.184 | | |
| 18,200.00 | 6,840.00 | 6,667.16 | 6,664.96 | 332.27 | 2.03 | 74.58 | -677.69 | -6,287.96 | 6,824.95 | 6,786.90 | 38.05 | 179.387 | | |
| 18,300.00 | 6,840.00 | 6,666.44 | 6,664.24 | 334.97 | 2.03 | 74.45 | -677.70 | -6,287.97 | 6,924.84 | 6,886.71 | 38.14 | 181.578 | | |
| 18,400.00 | 6,840.00 | 6,665.73 | 6,663.53 | 337.67 | 2.03 | 74.33 | -677.70 | -6,287.98 | 7,024.74 | 6,986.51 | 38.23 | 183.756 | | |
| 18,500.00 | 6,840.00 | 6,665.03 | 6,662.83 | 340.38 | 2.03 | 74.20 | -677.71 | -6,287.99 | 7,124.64 | 7,086.32 | 38.32 | 185.922 | | |
| 18,600.00 | 6,840.00 | 6,664.34 | 6,662.14 | 343.08 | 2.04 | 74.08 | -677.72 | -6,287.99 | 7,224.55 | 7,186.14 | 38.41 | 188.074 | | |
| 18,700.00 | 6,840.00 | 6,663.66 | 6,661.46 | 345.78 | 2.04 | 73.96 | -677.72 | -6,288.00 | 7,324.46 | 7,285.95 | 38.51 | 190.214 | | |
| 18,800.00 | 6,840.00 | 6,662.98 | 6,660.78 | 348.48 | 2.04 | 73.84 | -677.73 | -6,288.01 | 7,424.37 | 7,385.77 | 38.60 | 192.342 | | |
| 18,900.00 | 6,840.00 | 6,662.31 | 6,660.11 | 351.19 | 2.04 | 73.72 | -677.73 | -6,288.02 | 7,524.28 | 7,485.59 | 38.69 | 194.457 | | |
| 19,000.00 | 6,840.00 | 6,661.65 | 6,659.45 | 353.89 | 2.04 | 73.61 | -677.74 | -6,288.02 | 7,624.19 | 7,585.40 | 38.79 | 196.560 | | |
| 19,100.00 | 6,840.00 | 6,661.00 | 6,658.80 | 356.59 | 2.04 | 73.49 | -677.74 | -6,288.03 | 7,724.11 | 7,685.23 | 38.88 | 198.651 | | |
| 19,200.00 | 6,840.00 | 6,660.35 | 6,658.15 | 359.30 | 2.04 | 73.38 | -677.75 | -6,288.04 | 7,824.03 | 7,785.05 | 38.98 | 200.729 | | |
| 19,300.00 | 6,840.00 | 6,659.71 | 6,657.51 | 362.00 | 2.04 | 73.27 | -677.75 | -6,288.05 | 7,923.95 | 7,884.87 | 39.07 | 202.795 | | |
| 19,400.00 | 6,840.00 | 6,659.07 | 6,656.87 | 364.71 | 2.04 | 73.16 | -677.76 | -6,288.05 | 8,023.87 | 7,984.70 | 39.17 | 204.850 | | |
| 19,500.00 | 6,840.00 | 6,658.45 | 6,656.25 | 367.41 | 2.04 | 73.05 | -677.76 | -6,288.06 | 8,123.79 | 8,084.53 | 39.27 | 206.892 | | |
| 19,600.00 | 6,840.00 | 6,657.83 | 6,655.63 | 370.11 | 2.04 | 72.94 | -677.77 | -6,288.07 | 8,223.72 | 8,184.36 | 39.36 | 208.922 | | |
| 19,700.00 | 6,840.00 | 6,657.21 | 6,655.01 | 372.82 | 2.04 | 72.83 | -677.77 | -6,288.07 | 8,323.65 | 8,284.19 | 39.46 | 210.941 | | |
| 19,800.00 | 6,840.00 | 6,656.60 | 6,654.40 | 375.53 | 2.04 | 72.73 | -677.78 | -6,288.08 | 8,423.58 | 8,384.02 | 39.56 | 212.948 | | |
| 19,900.00 | 6,840.00 | 6,656.00 | 6,653.80 | 378.23 | 2.04 | 72.62 | -677.78 | -6,288.09 | 8,523.51 | 8,483.85 | 39.65 | 214.942 | | |
| 20,000.00 | 6,840.00 | 6,655.41 | 6,653.21 | 380.94 | 2.04 | 72.52 | -677.79 | -6,288.09 | 8,623.44 | 8,583.69 | 39.75 | 216.926 | | |
| 20,100.00 | 6,840.00 | 6,654.82 | 6,652.62 | 383.64 | 2.04 | 72.42 | -677.79 | -6,288.10 | 8,723.37 | 8,683.52 | 39.85 | 218.897 | | |
| 20,200.00 | 6,840.00 | 6,654.23 | 6,652.03 | 386.35 | 2.04 | 72.31 | -677.80 | -6,288.11 | 8,823.31 | 8,783.36 | 39.95 | 220.858 | | |
| 20,300.00 | 6,840.00 | 6,653.66 | 6,651.46 | 389.05 | 2.04 | 72.21 | -677.80 | -6,288.11 | 8,923.25 | 8,883.20 | 40.05 | 222.806 | | |
| 20,400.00 | 6,840.00 | 6,653.08 | 6,650.88 | 391.76 | 2.04 | 72.12 | -677.80 | -6,288.12 | 9,023.18 | 8,983.03 | 40.15 | 224.743 | | |
| 20,442.82 | 6,840.00 | 6,652.84 | 6,650.64 | 392.92 | 2.04 | 72.07 | -677.81 | -6,288.12 | 9,065.97 | 9,025.78 | 40.19 | 225.569 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 102-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -91.13 | -161.49 | -8,200.37 | 8,203.08 | | | | | |
| 100.00 | 100.00 | 0.00 | 0.00 | 0.13 | 0.00 | -91.13 | -161.49 | -8,200.37 | 8,202.04 | 8,201.90 | 0.14 | N/A | | |
| 200.00 | 200.00 | 80.69 | 80.69 | 0.49 | 0.09 | -91.13 | -161.44 | -8,200.29 | 8,201.89 | 8,201.31 | 0.58 | N/A | | |
| 300.00 | 300.00 | 181.70 | 181.70 | 0.85 | 0.20 | -91.13 | -161.35 | -8,200.05 | 8,201.66 | 8,200.60 | 1.05 | 7,778.769 | | |
| 400.00 | 400.00 | 295.64 | 295.64 | 1.21 | 0.31 | -91.13 | -161.33 | -8,199.73 | 8,201.38 | 8,199.86 | 1.52 | 5,404.869 | | |
| 500.00 | 500.00 | 382.62 | 382.62 | 1.57 | 0.37 | -91.13 | -161.28 | -8,199.46 | 8,201.06 | 8,199.12 | 1.94 | 4,230.051 | | |
| 600.00 | 599.98 | 485.24 | 485.24 | 1.92 | 0.44 | 24.69 | -161.25 | -8,199.23 | 8,199.25 | 8,196.90 | 2.35 | 3,487.270 | | |
| 700.00 | 699.84 | 581.21 | 581.21 | 2.26 | 0.49 | 24.75 | -161.14 | -8,198.99 | 8,194.26 | 8,191.51 | 2.75 | 2,983.664 | | |
| 800.00 | 799.45 | 679.87 | 679.87 | 2.62 | 0.54 | 24.84 | -160.93 | -8,198.80 | 8,186.14 | 8,182.99 | 3.15 | 2,601.371 | | |
| 900.00 | 898.70 | 783.68 | 783.67 | 2.99 | 0.59 | 24.98 | -160.69 | -8,198.57 | 8,174.85 | 8,171.29 | 3.55 | 2,300.323 | | |
| 1,000.00 | 997.47 | 908.40 | 908.39 | 3.39 | 0.65 | 25.16 | -160.36 | -8,198.08 | 8,160.25 | 8,156.28 | 3.98 | 2,051.993 | | |
| 1,100.00 | 1,095.62 | 1,011.65 | 1,011.64 | 3.81 | 0.70 | 25.38 | -160.08 | -8,197.43 | 8,142.32 | 8,137.92 | 4.40 | 1,852.359 | | |
| 1,200.00 | 1,193.06 | 1,084.30 | 1,084.29 | 4.27 | 0.73 | 25.62 | -159.89 | -8,197.08 | 8,121.44 | 8,116.63 | 4.81 | 1,689.234 | | |
| 1,300.00 | 1,289.64 | 1,166.87 | 1,166.86 | 4.77 | 0.76 | 25.90 | -159.61 | -8,196.90 | 8,097.75 | 8,092.52 | 5.23 | 1,547.735 | | |
| 1,400.00 | 1,385.27 | 1,266.23 | 1,266.23 | 5.31 | 0.79 | 26.24 | -159.30 | -8,196.75 | 8,071.12 | 8,065.46 | 5.67 | 1,423.930 | | |
| 1,500.00 | 1,479.82 | 1,361.49 | 1,361.48 | 5.91 | 0.83 | 26.62 | -159.30 | -8,196.52 | 8,041.43 | 8,035.30 | 6.12 | 1,313.122 | | |
| 1,600.00 | 1,573.19 | 1,459.00 | 1,458.99 | 6.55 | 0.86 | 26.98 | -159.39 | -8,196.30 | 8,008.87 | 8,002.26 | 6.60 | 1,212.878 | | |
| 1,700.00 | 1,666.16 | 1,586.13 | 1,586.11 | 7.23 | 0.91 | 27.14 | -159.70 | -8,195.74 | 7,975.18 | 7,968.09 | 7.09 | 1,124.534 | | |
| 1,800.00 | 1,759.13 | 1,657.90 | 1,657.89 | 7.93 | 0.93 | 27.23 | -160.04 | -8,195.28 | 7,941.35 | 7,933.79 | 7.57 | 1,049.355 | | |
| 1,900.00 | 1,852.10 | 1,726.16 | 1,726.14 | 8.64 | 0.95 | 27.32 | -160.41 | -8,195.11 | 7,907.88 | 7,899.83 | 8.05 | 982.445 | | |
| 2,000.00 | 1,945.06 | 1,800.00 | 1,799.98 | 9.35 | 0.96 | 27.41 | -160.87 | -8,195.09 | 7,874.67 | 7,866.13 | 8.54 | 922.509 | | |
| 2,100.00 | 2,038.03 | 1,862.21 | 1,862.19 | 10.08 | 0.97 | 27.49 | -161.29 | -8,195.27 | 7,841.79 | 7,832.77 | 9.02 | 869.140 | | |
| 2,200.00 | 2,131.00 | 1,927.67 | 1,927.65 | 10.81 | 0.97 | 27.57 | -161.75 | -8,195.74 | 7,809.31 | 7,799.80 | 9.51 | 820.804 | | |
| 2,300.00 | 2,223.97 | 2,149.54 | 2,149.50 | 11.54 | 1.00 | 27.85 | -163.96 | -8,196.03 | 7,776.45 | 7,766.44 | 10.01 | 777.061 | | |
| 2,400.00 | 2,316.94 | 2,200.00 | 2,199.95 | 12.28 | 1.02 | 27.91 | -164.77 | -8,195.71 | 7,742.83 | 7,732.31 | 10.52 | 736.280 | | |
| 2,500.00 | 2,409.90 | 2,265.37 | 2,265.31 | 13.02 | 1.03 | 28.00 | -165.80 | -8,195.58 | 7,709.64 | 7,698.62 | 11.03 | 699.237 | | |
| 2,600.00 | 2,502.87 | 2,322.54 | 2,322.48 | 13.77 | 1.04 | 28.07 | -166.58 | -8,195.80 | 7,676.97 | 7,665.43 | 11.54 | 665.318 | | |
| 2,700.00 | 2,595.84 | 2,386.51 | 2,386.44 | 14.51 | 1.05 | 28.15 | -167.34 | -8,196.30 | 7,644.72 | 7,632.66 | 12.05 | 634.233 | | |
| 2,800.00 | 2,688.81 | 2,460.70 | 2,460.62 | 15.26 | 1.06 | 28.25 | -168.05 | -8,197.13 | 7,612.80 | 7,600.23 | 12.57 | 605.685 | | |
| 2,900.00 | 2,781.77 | 2,541.30 | 2,541.21 | 16.01 | 1.07 | 28.35 | -168.48 | -8,198.19 | 7,581.12 | 7,568.03 | 13.09 | 579.317 | | |
| 3,000.00 | 2,874.74 | 2,630.47 | 2,630.38 | 16.76 | 1.08 | 28.48 | -168.62 | -8,199.47 | 7,549.58 | 7,535.98 | 13.61 | 554.889 | | |
| 3,100.00 | 2,967.71 | 2,731.34 | 2,731.23 | 17.52 | 1.09 | 28.62 | -168.42 | -8,200.87 | 7,518.05 | 7,503.92 | 14.13 | 532.184 | | |
| 3,200.00 | 3,060.68 | 2,837.22 | 2,837.10 | 18.27 | 1.10 | 28.78 | -167.92 | -8,202.20 | 7,486.44 | 7,471.79 | 14.65 | 510.981 | | |
| 3,300.00 | 3,153.65 | 2,953.09 | 2,952.96 | 19.03 | 1.11 | 28.95 | -167.07 | -8,203.37 | 7,454.65 | 7,439.47 | 15.18 | 491.154 | | |
| 3,400.00 | 3,246.61 | 3,175.94 | 3,175.80 | 19.78 | 1.14 | 29.27 | -167.45 | -8,202.61 | 7,421.16 | 7,405.49 | 15.68 | 473.312 | | |
| 3,500.00 | 3,339.58 | 3,247.74 | 3,247.59 | 20.54 | 1.16 | 29.37 | -168.40 | -8,202.13 | 7,387.82 | 7,371.60 | 16.22 | 455.414 | | |
| 3,600.00 | 3,432.55 | 3,321.68 | 3,321.53 | 21.30 | 1.17 | 29.47 | -169.49 | -8,201.80 | 7,354.74 | 7,337.97 | 16.77 | 438.649 | | |
| 3,700.00 | 3,525.52 | 3,390.22 | 3,390.06 | 22.06 | 1.19 | 29.57 | -170.52 | -8,201.72 | 7,321.97 | 7,304.66 | 17.31 | 422.894 | | |
| 3,800.00 | 3,618.49 | 3,455.75 | 3,455.58 | 22.82 | 1.20 | 29.66 | -171.53 | -8,201.87 | 7,289.57 | 7,271.71 | 17.86 | 408.076 | | |
| 3,900.00 | 3,711.45 | 3,519.75 | 3,519.56 | 23.57 | 1.21 | 29.75 | -172.56 | -8,202.27 | 7,257.57 | 7,239.16 | 18.41 | 394.115 | | |
| 4,000.00 | 3,804.42 | 3,581.34 | 3,581.15 | 24.33 | 1.22 | 29.83 | -173.42 | -8,202.91 | 7,226.01 | 7,207.04 | 18.97 | 380.940 | | |
| 4,100.00 | 3,897.39 | 3,653.04 | 3,652.84 | 25.09 | 1.23 | 29.94 | -174.19 | -8,203.94 | 7,194.84 | 7,175.32 | 19.52 | 368.544 | | |
| 4,200.00 | 3,990.36 | 3,726.53 | 3,726.32 | 25.86 | 1.24 | 30.04 | -174.68 | -8,205.17 | 7,163.96 | 7,143.89 | 20.08 | 356.806 | | |
| 4,300.00 | 4,083.32 | 3,800.00 | 3,799.77 | 26.62 | 1.25 | 30.16 | -174.83 | -8,206.62 | 7,133.43 | 7,112.79 | 20.64 | 345.667 | | |
| 4,400.00 | 4,176.29 | 3,884.23 | 3,883.98 | 27.38 | 1.26 | 30.29 | -174.53 | -8,208.44 | 7,103.13 | 7,081.93 | 21.20 | 335.121 | | |
| 4,500.00 | 4,269.26 | 4,069.02 | 4,068.74 | 28.14 | 1.29 | 30.59 | -173.62 | -8,211.46 | 7,072.50 | 7,050.77 | 21.73 | 325.545 | | |
| 4,600.00 | 4,362.23 | 4,176.69 | 4,176.41 | 28.90 | 1.30 | 30.77 | -173.30 | -8,212.20 | 7,040.90 | 7,018.62 | 22.28 | 316.003 | | |
| 4,700.00 | 4,455.20 | 4,244.66 | 4,244.38 | 29.66 | 1.31 | 30.88 | -172.79 | -8,212.74 | 7,009.51 | 6,986.66 | 22.86 | 306.694 | | |
| 4,800.00 | 4,548.16 | 4,300.00 | 4,299.70 | 30.43 | 1.32 | 30.98 | -172.01 | -8,213.40 | 6,978.59 | 6,955.15 | 23.44 | 297.755 | | |
| 4,900.00 | 4,641.13 | 4,359.73 | 4,359.42 | 31.19 | 1.33 | 31.08 | -170.99 | -8,214.41 | 6,948.20 | 6,924.17 | 24.02 | 289.246 | | |
| 5,000.00 | 4,734.10 | 4,420.96 | 4,420.62 | 31.95 | 1.33 | 31.19 | -169.94 | -8,215.80 | 6,918.37 | 6,893.76 | 24.61 | 281.136 | | |
| 5,100.00 | 4,827.07 | 4,900.00 | 4,899.41 | 32.71 | 1.40 | 32.08 | -161.48 | -8,211.59 | 6,883.66 | 6,858.63 | 25.03 | 275.061 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 102-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,900.00 | 4,899.41 | 33.48 | 1.40 | 32.08 | -161.48 | -8,211.59 | 6,849.56 | 6,823.92 | 25.65 | 267.088 | | |
| 5,300.00 | 5,013.00 | 4,944.66 | 4,944.05 | 34.24 | 1.41 | 32.16 | -160.72 | -8,210.44 | 6,815.96 | 6,789.72 | 26.24 | 259.713 | | |
| 5,400.00 | 5,105.97 | 5,000.00 | 4,999.36 | 35.00 | 1.41 | 32.27 | -159.08 | -8,210.78 | 6,784.35 | 6,757.51 | 26.84 | 252.763 | | |
| 5,500.00 | 5,198.94 | 5,000.00 | 4,999.36 | 35.77 | 1.41 | 32.27 | -159.08 | -8,210.78 | 6,752.83 | 6,725.36 | 27.47 | 245.818 | | |
| 5,600.00 | 5,291.91 | 5,000.00 | 4,999.36 | 36.53 | 1.41 | 32.27 | -159.08 | -8,210.78 | 6,722.65 | 6,694.54 | 28.10 | 239.202 | | |
| 5,700.00 | 5,384.87 | 5,231.75 | 5,230.95 | 37.29 | 1.45 | 32.76 | -150.66 | -8,212.77 | 6,691.93 | 6,663.29 | 28.64 | 233.640 | | |
| 5,800.00 | 5,477.84 | 5,800.00 | 5,363.71 | 38.06 | 1.54 | 33.03 | -146.78 | -8,212.40 | 6,660.36 | 6,631.07 | 29.28 | 227.444 | | |
| 5,900.00 | 5,570.81 | 5,549.70 | 5,548.77 | 38.82 | 1.50 | 33.41 | -142.65 | -8,209.66 | 6,627.46 | 6,597.69 | 29.77 | 222.616 | | |
| 6,000.00 | 5,663.78 | 5,635.00 | 5,634.04 | 39.59 | 1.51 | 33.58 | -141.53 | -8,208.11 | 6,594.46 | 6,564.09 | 30.37 | 217.109 | | |
| 6,100.00 | 5,756.75 | 5,722.25 | 5,721.28 | 40.35 | 1.53 | 33.75 | -141.14 | -8,206.72 | 6,561.65 | 6,530.67 | 30.98 | 211.821 | | |
| 6,200.00 | 5,849.71 | 5,818.28 | 5,817.30 | 41.12 | 1.54 | 33.94 | -140.99 | -8,205.14 | 6,528.82 | 6,497.24 | 31.58 | 206.748 | | |
| 6,300.00 | 5,942.68 | 5,882.05 | 5,881.06 | 41.88 | 1.55 | 34.06 | -141.02 | -8,204.26 | 6,496.28 | 6,464.08 | 32.20 | 201.732 | | |
| 6,400.00 | 6,035.65 | 5,940.45 | 5,939.47 | 42.64 | 1.56 | 34.17 | -141.11 | -8,203.75 | 6,464.25 | 6,431.42 | 32.83 | 196.901 | | |
| 6,500.00 | 6,128.62 | 6,000.00 | 5,999.01 | 43.41 | 1.57 | 34.29 | -141.01 | -8,203.54 | 6,432.79 | 6,399.33 | 33.46 | 192.260 | | |
| 6,600.00 | 6,221.59 | 6,083.97 | 6,082.98 | 44.17 | 1.58 | 34.46 | -140.65 | -8,203.51 | 6,401.71 | 6,367.64 | 34.08 | 187.851 | | |
| 6,700.00 | 6,314.55 | 6,184.01 | 6,183.02 | 44.94 | 1.60 | 34.66 | -140.22 | -8,203.46 | 6,370.69 | 6,336.00 | 34.69 | 183.643 | | |
| 6,800.00 | 6,407.52 | 6,274.58 | 6,273.58 | 45.70 | 1.62 | 34.84 | -139.95 | -8,203.37 | 6,339.67 | 6,304.36 | 35.31 | 179.534 | | |
| 6,900.00 | 6,499.98 | 6,372.50 | 6,371.50 | 46.49 | 1.64 | 31.13 | -139.71 | -8,203.28 | 6,307.35 | 6,271.41 | 35.94 | 175.520 | | |
| 7,000.00 | 6,586.50 | 6,465.89 | 6,464.90 | 47.49 | 1.66 | 25.95 | -139.59 | -8,203.10 | 6,261.88 | 6,225.28 | 36.60 | 171.092 | | |
| 7,100.00 | 6,663.58 | 6,547.12 | 6,546.13 | 48.75 | 1.67 | 24.08 | -139.57 | -8,202.88 | 6,201.81 | 6,164.53 | 37.28 | 166.364 | | |
| 7,200.00 | 6,728.87 | 6,614.00 | 6,613.01 | 50.23 | 1.68 | 24.42 | -139.63 | -8,202.67 | 6,129.00 | 6,091.07 | 37.94 | 161.559 | | |
| 7,300.00 | 6,780.38 | 6,663.51 | 6,662.52 | 51.91 | 1.69 | 27.22 | -139.68 | -8,202.52 | 6,045.72 | 6,007.17 | 38.54 | 156.851 | | |
| 7,400.00 | 6,816.56 | 6,698.21 | 6,697.21 | 53.74 | 1.70 | 34.67 | -139.71 | -8,202.42 | 5,954.48 | 5,915.41 | 39.07 | 152.402 | | |
| 7,500.00 | 6,836.29 | 6,722.08 | 6,721.09 | 55.65 | 1.70 | 56.23 | -139.73 | -8,202.35 | 5,858.02 | 5,818.53 | 39.49 | 148.336 | | |
| 7,600.00 | 6,840.00 | 6,726.28 | 6,725.29 | 57.58 | 1.70 | 91.47 | -139.73 | -8,202.33 | 5,759.27 | 5,719.45 | 39.81 | 144.661 | | |
| 7,700.00 | 6,840.00 | 6,725.83 | 6,724.84 | 59.56 | 1.70 | 91.44 | -139.73 | -8,202.33 | 5,660.33 | 5,620.21 | 40.12 | 141.088 | | |
| 7,800.00 | 6,840.00 | 6,725.38 | 6,724.39 | 61.60 | 1.70 | 91.41 | -139.73 | -8,202.34 | 5,561.43 | 5,520.99 | 40.44 | 137.519 | | |
| 7,900.00 | 6,840.00 | 6,724.94 | 6,723.95 | 63.69 | 1.70 | 91.38 | -139.73 | -8,202.34 | 5,462.57 | 5,421.79 | 40.78 | 133.955 | | |
| 8,000.00 | 6,840.00 | 6,724.50 | 6,723.51 | 65.82 | 1.70 | 91.35 | -139.73 | -8,202.34 | 5,363.75 | 5,322.62 | 41.13 | 130.397 | | |
| 8,100.00 | 6,840.00 | 6,724.07 | 6,723.08 | 67.99 | 1.70 | 91.32 | -139.73 | -8,202.34 | 5,264.98 | 5,223.47 | 41.51 | 126.846 | | |
| 8,200.00 | 6,840.00 | 6,723.64 | 6,722.64 | 70.21 | 1.70 | 91.29 | -139.73 | -8,202.34 | 5,166.26 | 5,124.36 | 41.90 | 123.303 | | |
| 8,300.00 | 6,840.00 | 6,723.21 | 6,722.22 | 72.45 | 1.70 | 91.26 | -139.73 | -8,202.34 | 5,067.58 | 5,025.27 | 42.31 | 119.770 | | |
| 8,400.00 | 6,840.00 | 6,722.79 | 6,721.79 | 74.73 | 1.70 | 91.23 | -139.73 | -8,202.34 | 4,968.96 | 4,926.21 | 42.74 | 116.248 | | |
| 8,500.00 | 6,840.00 | 6,722.37 | 6,721.37 | 77.04 | 1.70 | 91.20 | -139.73 | -8,202.35 | 4,870.39 | 4,827.19 | 43.20 | 112.737 | | |
| 8,600.00 | 6,840.00 | 6,721.95 | 6,720.96 | 79.38 | 1.70 | 91.17 | -139.72 | -8,202.35 | 4,771.89 | 4,728.20 | 43.68 | 109.240 | | |
| 8,700.00 | 6,840.00 | 6,721.54 | 6,720.54 | 81.74 | 1.70 | 91.14 | -139.72 | -8,202.35 | 4,673.44 | 4,629.25 | 44.19 | 105.758 | | |
| 8,800.00 | 6,840.00 | 6,721.12 | 6,720.13 | 84.12 | 1.70 | 91.11 | -139.72 | -8,202.35 | 4,575.07 | 4,530.34 | 44.73 | 102.293 | | |
| 8,900.00 | 6,840.00 | 6,720.72 | 6,719.72 | 86.52 | 1.70 | 91.09 | -139.72 | -8,202.35 | 4,476.76 | 4,431.47 | 45.29 | 98.846 | | |
| 9,000.00 | 6,840.00 | 6,720.31 | 6,719.32 | 88.94 | 1.70 | 91.06 | -139.72 | -8,202.35 | 4,378.54 | 4,332.65 | 45.89 | 95.419 | | |
| 9,100.00 | 6,840.00 | 6,719.91 | 6,718.92 | 91.38 | 1.70 | 91.03 | -139.72 | -8,202.35 | 4,280.39 | 4,233.87 | 46.52 | 92.015 | | |
| 9,200.00 | 6,840.00 | 6,719.51 | 6,718.52 | 93.83 | 1.70 | 91.00 | -139.72 | -8,202.36 | 4,182.33 | 4,135.15 | 47.19 | 88.634 | | |
| 9,300.00 | 6,840.00 | 6,719.12 | 6,718.13 | 96.30 | 1.70 | 90.98 | -139.72 | -8,202.36 | 4,084.37 | 4,036.48 | 47.89 | 85.279 | | |
| 9,400.00 | 6,840.00 | 6,718.73 | 6,717.73 | 98.79 | 1.70 | 90.95 | -139.72 | -8,202.36 | 3,986.51 | 3,937.87 | 48.64 | 81.952 | | |
| 9,500.00 | 6,840.00 | 6,718.34 | 6,717.34 | 101.28 | 1.70 | 90.92 | -139.72 | -8,202.36 | 3,888.76 | 3,839.32 | 49.44 | 78.655 | | |
| 9,600.00 | 6,840.00 | 6,717.95 | 6,716.96 | 103.79 | 1.70 | 90.89 | -139.72 | -8,202.36 | 3,791.12 | 3,740.84 | 50.29 | 75.391 | | |
| 9,700.00 | 6,840.00 | 6,717.57 | 6,716.58 | 106.30 | 1.70 | 90.87 | -139.72 | -8,202.36 | 3,693.61 | 3,642.43 | 51.18 | 72.162 | | |
| 9,800.00 | 6,840.00 | 6,717.19 | 6,716.20 | 108.83 | 1.70 | 90.84 | -139.72 | -8,202.36 | 3,596.24 | 3,544.10 | 52.14 | 68.971 | | |
| 9,900.00 | 6,840.00 | 6,716.81 | 6,715.82 | 111.37 | 1.70 | 90.82 | -139.72 | -8,202.37 | 3,499.02 | 3,445.85 | 53.16 | 65.820 | | |
| 10,000.00 | 6,840.00 | 6,716.44 | 6,715.45 | 113.91 | 1.70 | 90.79 | -139.72 | -8,202.37 | 3,401.95 | 3,347.70 | 54.25 | 62.711 | | |
| 10,100.00 | 6,840.00 | 6,716.07 | 6,715.07 | 116.47 | 1.70 | 90.76 | -139.72 | -8,202.37 | 3,305.06 | 3,249.65 | 55.41 | 59.649 | | |
| 10,200.00 | 6,840.00 | 6,715.70 | 6,714.71 | 119.03 | 1.70 | 90.74 | -139.72 | -8,202.37 | 3,208.37 | 3,151.72 | 56.65 | 56.635 | | |
| 10,300.00 | 6,840.00 | 6,715.33 | 6,714.34 | 121.59 | 1.70 | 90.71 | -139.72 | -8,202.37 | 3,111.88 | 3,053.90 | 57.98 | 53.672 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 102-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 6,714.97 | 6,713.98 | 124.17 | 1.70 | 90.69 | -139.72 | -8,202.37 | 3,015.62 | 2,956.21 | 59.40 | 50.764 | | |
| 10,500.00 | 6,840.00 | 6,714.61 | 6,713.62 | 126.75 | 1.70 | 90.66 | -139.72 | -8,202.37 | 2,919.61 | 2,858.68 | 60.93 | 47.914 | | |
| 10,600.00 | 6,840.00 | 6,714.25 | 6,713.26 | 129.34 | 1.70 | 90.64 | -139.72 | -8,202.37 | 2,823.88 | 2,761.30 | 62.58 | 45.125 | | |
| 10,700.00 | 6,840.00 | 6,713.90 | 6,712.90 | 131.93 | 1.70 | 90.61 | -139.72 | -8,202.37 | 2,728.45 | 2,664.10 | 64.35 | 42.400 | | |
| 10,800.00 | 6,840.00 | 6,713.55 | 6,712.55 | 134.53 | 1.70 | 90.59 | -139.72 | -8,202.38 | 2,633.37 | 2,567.11 | 66.26 | 39.743 | | |
| 10,900.00 | 6,840.00 | 6,713.20 | 6,712.20 | 137.13 | 1.70 | 90.57 | -139.72 | -8,202.38 | 2,538.66 | 2,470.34 | 68.32 | 37.157 | | |
| 11,000.00 | 6,840.00 | 6,712.85 | 6,711.86 | 139.73 | 1.70 | 90.54 | -139.72 | -8,202.38 | 2,444.37 | 2,373.82 | 70.56 | 34.645 | | |
| 11,100.00 | 6,840.00 | 6,712.50 | 6,711.51 | 142.35 | 1.70 | 90.52 | -139.72 | -8,202.38 | 2,350.56 | 2,277.58 | 72.98 | 32.210 | | |
| 11,200.00 | 6,840.00 | 6,712.16 | 6,711.17 | 144.96 | 1.70 | 90.49 | -139.72 | -8,202.38 | 2,257.27 | 2,181.67 | 75.60 | 29.857 | | |
| 11,300.00 | 6,840.00 | 6,711.82 | 6,710.83 | 147.58 | 1.70 | 90.47 | -139.72 | -8,202.38 | 2,164.59 | 2,086.13 | 78.46 | 27.588 | | |
| 11,400.00 | 6,840.00 | 6,711.49 | 6,710.49 | 150.20 | 1.70 | 90.45 | -139.72 | -8,202.38 | 2,072.59 | 1,991.01 | 81.58 | 25.406 | | |
| 11,500.00 | 6,840.00 | 6,711.15 | 6,710.16 | 152.83 | 1.70 | 90.43 | -139.72 | -8,202.38 | 1,981.36 | 1,896.38 | 84.98 | 23.316 | | |
| 11,600.00 | 6,840.00 | 6,710.82 | 6,709.82 | 155.46 | 1.70 | 90.40 | -139.72 | -8,202.38 | 1,891.02 | 1,802.32 | 88.70 | 21.319 | | |
| 11,700.00 | 6,840.00 | 6,710.49 | 6,709.49 | 158.09 | 1.70 | 90.38 | -139.72 | -8,202.39 | 1,801.70 | 1,708.92 | 92.77 | 19.420 | | |
| 11,800.00 | 6,840.00 | 6,710.16 | 6,709.17 | 160.73 | 1.70 | 90.36 | -139.72 | -8,202.39 | 1,713.56 | 1,616.32 | 97.24 | 17.622 | | |
| 11,900.00 | 6,840.00 | 6,709.84 | 6,708.84 | 163.36 | 1.70 | 90.33 | -139.72 | -8,202.39 | 1,626.79 | 1,524.64 | 102.15 | 15.926 | | |
| 12,000.00 | 6,840.00 | 6,709.51 | 6,708.52 | 166.01 | 1.70 | 90.31 | -139.72 | -8,202.39 | 1,541.63 | 1,434.09 | 107.54 | 14.336 | | |
| 12,100.00 | 6,840.00 | 6,709.19 | 6,708.20 | 168.65 | 1.70 | 90.29 | -139.72 | -8,202.39 | 1,458.35 | 1,344.89 | 113.45 | 12.854 | | |
| 12,200.00 | 6,840.00 | 6,708.87 | 6,707.88 | 171.30 | 1.70 | 90.27 | -139.72 | -8,202.39 | 1,377.29 | 1,257.35 | 119.94 | 11.483 | | |
| 12,300.00 | 6,840.00 | 6,708.56 | 6,707.56 | 173.94 | 1.70 | 90.25 | -139.72 | -8,202.39 | 1,298.89 | 1,171.85 | 127.03 | 10.225 | | |
| 12,400.00 | 6,840.00 | 6,708.24 | 6,707.25 | 176.59 | 1.70 | 90.22 | -139.71 | -8,202.39 | 1,223.63 | 1,088.88 | 134.75 | 9.081 | | |
| 12,500.00 | 6,840.00 | 6,707.93 | 6,706.94 | 179.25 | 1.70 | 90.20 | -139.71 | -8,202.39 | 1,152.14 | 1,009.08 | 143.07 | 8.053 | | |
| 12,600.00 | 6,840.00 | 6,707.62 | 6,706.63 | 181.90 | 1.70 | 90.18 | -139.71 | -8,202.39 | 1,085.17 | 933.25 | 151.92 | 7.143 | | |
| 12,700.00 | 6,840.00 | 6,707.31 | 6,706.32 | 184.56 | 1.70 | 90.16 | -139.71 | -8,202.39 | 1,023.60 | 862.45 | 161.15 | 6.352 | | |
| 12,800.00 | 6,840.00 | 6,707.01 | 6,706.01 | 187.22 | 1.70 | 90.14 | -139.71 | -8,202.40 | 968.46 | 797.95 | 170.51 | 5.680 | | |
| 12,900.00 | 6,840.00 | 6,706.70 | 6,705.71 | 189.88 | 1.70 | 90.12 | -139.71 | -8,202.40 | 920.91 | 741.32 | 179.59 | 5.128 | | |
| 13,000.00 | 6,840.00 | 6,706.40 | 6,705.41 | 192.54 | 1.70 | 90.10 | -139.71 | -8,202.40 | 882.18 | 694.32 | 187.86 | 4.696 | | |
| 13,100.00 | 6,840.00 | 6,706.10 | 6,705.11 | 195.20 | 1.70 | 90.08 | -139.71 | -8,202.40 | 853.47 | 658.79 | 194.68 | 4.384 | | |
| 13,200.00 | 6,840.00 | 6,705.81 | 6,704.81 | 197.87 | 1.70 | 90.06 | -139.71 | -8,202.40 | 835.81 | 636.40 | 199.40 | 4.192 | | |
| 13,299.19 | 6,840.00 | 6,705.51 | 6,704.52 | 200.51 | 1.70 | 90.04 | -139.71 | -8,202.40 | 829.90 | 628.37 | 201.53 | 4.118 CC | | |
| 13,300.00 | 6,840.00 | 6,705.51 | 6,704.52 | 200.53 | 1.70 | 90.04 | -139.71 | -8,202.40 | 829.90 | 628.36 | 201.54 | 4.118 ES, SF | | |
| 13,400.00 | 6,840.00 | 6,705.22 | 6,704.22 | 203.20 | 1.70 | 90.02 | -139.71 | -8,202.40 | 836.00 | 635.11 | 200.89 | 4.162 | | |
| 13,500.00 | 6,840.00 | 6,704.93 | 6,703.93 | 205.87 | 1.70 | 90.00 | -139.71 | -8,202.40 | 853.85 | 656.26 | 197.59 | 4.321 | | |
| 13,600.00 | 6,840.00 | 6,704.64 | 6,703.64 | 208.54 | 1.70 | 89.98 | -139.71 | -8,202.40 | 882.73 | 690.64 | 192.09 | 4.595 | | |
| 13,700.00 | 6,840.00 | 6,704.35 | 6,703.36 | 211.22 | 1.70 | 89.96 | -139.71 | -8,202.40 | 921.62 | 736.61 | 185.00 | 4.982 | | |
| 13,800.00 | 6,840.00 | 6,704.08 | 6,703.09 | 213.89 | 1.70 | 89.94 | -139.71 | -8,202.40 | 969.30 | 792.35 | 176.95 | 5.478 | | |
| 13,900.00 | 6,840.00 | 6,703.81 | 6,702.82 | 216.56 | 1.70 | 89.92 | -139.71 | -8,202.41 | 1,024.55 | 856.07 | 168.48 | 6.081 | | |
| 14,000.00 | 6,840.00 | 6,703.54 | 6,702.55 | 219.24 | 1.70 | 89.90 | -139.71 | -8,202.41 | 1,086.22 | 926.22 | 159.99 | 6.789 | | |
| 14,100.00 | 6,840.00 | 6,703.27 | 6,702.27 | 221.92 | 1.70 | 89.88 | -139.71 | -8,202.41 | 1,153.27 | 1,001.50 | 151.77 | 7.599 | | |
| 14,200.00 | 6,840.00 | 6,703.00 | 6,702.00 | 224.59 | 1.70 | 89.86 | -139.71 | -8,202.41 | 1,224.82 | 1,080.84 | 143.98 | 8.507 | | |
| 14,300.00 | 6,840.00 | 6,702.73 | 6,701.73 | 227.27 | 1.70 | 89.84 | -139.71 | -8,202.41 | 1,300.13 | 1,163.43 | 136.71 | 9.510 | | |
| 14,400.00 | 6,840.00 | 6,702.45 | 6,701.46 | 229.95 | 1.70 | 89.82 | -139.71 | -8,202.41 | 1,378.59 | 1,248.61 | 129.98 | 10.606 | | |
| 14,500.00 | 6,840.00 | 6,702.18 | 6,701.19 | 232.63 | 1.70 | 89.81 | -139.71 | -8,202.41 | 1,459.68 | 1,335.87 | 123.81 | 11.790 | | |
| 14,600.00 | 6,840.00 | 6,701.91 | 6,700.92 | 235.31 | 1.70 | 89.79 | -139.71 | -8,202.41 | 1,542.99 | 1,424.84 | 118.15 | 13.060 | | |
| 14,700.00 | 6,840.00 | 6,701.64 | 6,700.64 | 238.00 | 1.70 | 89.77 | -139.71 | -8,202.41 | 1,628.19 | 1,515.20 | 112.98 | 14.411 | | |
| 14,800.00 | 6,840.00 | 6,701.36 | 6,700.37 | 240.68 | 1.70 | 89.75 | -139.71 | -8,202.41 | 1,714.98 | 1,606.71 | 108.27 | 15.840 | | |
| 14,900.00 | 6,840.00 | 6,701.09 | 6,700.10 | 243.36 | 1.70 | 89.73 | -139.71 | -8,202.41 | 1,803.14 | 1,699.18 | 103.96 | 17.344 | | |
| 15,000.00 | 6,840.00 | 6,700.82 | 6,699.82 | 246.05 | 1.70 | 89.71 | -139.71 | -8,202.41 | 1,892.48 | 1,792.45 | 100.03 | 18.920 | | |
| 15,100.00 | 6,840.00 | 6,700.54 | 6,699.55 | 248.74 | 1.70 | 89.69 | -139.71 | -8,202.41 | 1,982.83 | 1,886.41 | 96.43 | 20.563 | | |
| 15,200.00 | 6,840.00 | 6,700.27 | 6,699.28 | 251.42 | 1.70 | 89.67 | -139.71 | -8,202.41 | 2,074.07 | 1,980.94 | 93.13 | 22.271 | | |
| 15,300.00 | 6,840.00 | 6,700.00 | 6,699.00 | 254.11 | 1.70 | 89.65 | -139.71 | -8,202.42 | 2,166.09 | 2,075.98 | 90.11 | 24.039 | | |
| 15,400.00 | 6,840.00 | 6,699.72 | 6,698.73 | 256.80 | 1.70 | 89.64 | -139.71 | -8,202.42 | 2,258.78 | 2,171.46 | 87.33 | 25.865 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: 0.00 usft | |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|------------------------------|---------|
| Survey Program: 102-GYD_CT | | | | | | | | | | | | | Offset Well Error: 0.00 usft | |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,500.00 | 6,840.00 | 6,699.45 | 6,698.45 | 259.49 | 1.70 | 89.62 | -139.71 | -8,202.42 | 2,352.08 | 2,267.30 | 84.77 | 27.746 | | |
| 15,600.00 | 6,840.00 | 6,699.17 | 6,698.18 | 262.17 | 1.70 | 89.60 | -139.71 | -8,202.42 | 2,445.90 | 2,363.48 | 82.41 | 29.678 | | |
| 15,700.00 | 6,840.00 | 6,698.90 | 6,697.90 | 264.86 | 1.70 | 89.58 | -139.71 | -8,202.42 | 2,540.19 | 2,459.95 | 80.24 | 31.658 | | |
| 15,800.00 | 6,840.00 | 6,698.62 | 6,697.63 | 267.55 | 1.70 | 89.56 | -139.71 | -8,202.42 | 2,634.91 | 2,556.68 | 78.23 | 33.683 | | |
| 15,900.00 | 6,840.00 | 6,698.35 | 6,697.35 | 270.25 | 1.70 | 89.54 | -139.71 | -8,202.42 | 2,730.00 | 2,653.64 | 76.36 | 35.750 | | |
| 16,000.00 | 6,840.00 | 6,698.07 | 6,697.08 | 272.94 | 1.70 | 89.52 | -139.71 | -8,202.42 | 2,825.43 | 2,750.79 | 74.64 | 37.856 | | |
| 16,100.00 | 6,840.00 | 6,697.79 | 6,696.80 | 275.63 | 1.70 | 89.50 | -139.71 | -8,202.42 | 2,921.17 | 2,848.14 | 73.03 | 39.999 | | |
| 16,200.00 | 6,840.00 | 6,697.52 | 6,696.52 | 278.32 | 1.70 | 89.48 | -139.71 | -8,202.42 | 3,017.18 | 2,945.64 | 71.54 | 42.177 | | |
| 16,300.00 | 6,840.00 | 6,697.24 | 6,696.25 | 281.02 | 1.70 | 89.46 | -139.71 | -8,202.42 | 3,113.44 | 3,043.30 | 70.15 | 44.385 | | |
| 16,400.00 | 6,840.00 | 6,696.96 | 6,695.97 | 283.71 | 1.70 | 89.45 | -139.71 | -8,202.42 | 3,209.94 | 3,141.09 | 68.85 | 46.623 | | |
| 16,500.00 | 6,840.00 | 6,696.69 | 6,695.69 | 286.40 | 1.70 | 89.43 | -139.71 | -8,202.42 | 3,306.64 | 3,239.00 | 67.64 | 48.887 | | |
| 16,600.00 | 6,840.00 | 6,696.41 | 6,695.41 | 289.10 | 1.70 | 89.41 | -139.71 | -8,202.43 | 3,403.53 | 3,337.02 | 66.51 | 51.176 | | |
| 16,700.00 | 6,840.00 | 6,696.13 | 6,695.14 | 291.79 | 1.70 | 89.39 | -139.71 | -8,202.43 | 3,500.59 | 3,435.15 | 65.45 | 53.487 | | |
| 16,800.00 | 6,840.00 | 6,695.85 | 6,694.86 | 294.49 | 1.70 | 89.37 | -139.71 | -8,202.43 | 3,597.82 | 3,533.36 | 64.46 | 55.818 | | |
| 16,900.00 | 6,840.00 | 6,695.57 | 6,694.58 | 297.19 | 1.70 | 89.35 | -139.71 | -8,202.43 | 3,695.20 | 3,631.67 | 63.53 | 58.168 | | |
| 17,000.00 | 6,840.00 | 6,695.29 | 6,694.30 | 299.88 | 1.70 | 89.33 | -139.71 | -8,202.43 | 3,792.71 | 3,730.05 | 62.65 | 60.534 | | |
| 17,100.00 | 6,840.00 | 6,695.02 | 6,694.02 | 302.58 | 1.70 | 89.31 | -139.71 | -8,202.43 | 3,890.35 | 3,828.51 | 61.83 | 62.915 | | |
| 17,200.00 | 6,840.00 | 6,694.74 | 6,693.74 | 305.28 | 1.69 | 89.29 | -139.71 | -8,202.43 | 3,988.10 | 3,927.03 | 61.06 | 65.309 | | |
| 17,300.00 | 6,840.00 | 6,694.46 | 6,693.46 | 307.97 | 1.69 | 89.27 | -139.71 | -8,202.43 | 4,085.96 | 4,025.62 | 60.34 | 67.715 | | |
| 17,400.00 | 6,840.00 | 6,694.18 | 6,693.18 | 310.67 | 1.69 | 89.25 | -139.71 | -8,202.43 | 4,183.93 | 4,124.27 | 59.66 | 70.130 | | |
| 17,500.00 | 6,840.00 | 6,693.90 | 6,692.90 | 313.37 | 1.69 | 89.23 | -139.71 | -8,202.43 | 4,281.99 | 4,222.97 | 59.02 | 72.555 | | |
| 17,600.00 | 6,840.00 | 6,693.62 | 6,692.62 | 316.07 | 1.69 | 89.21 | -139.71 | -8,202.43 | 4,380.13 | 4,321.72 | 58.41 | 74.986 | | |
| 17,700.00 | 6,840.00 | 6,693.34 | 6,692.34 | 318.77 | 1.69 | 89.20 | -139.71 | -8,202.43 | 4,478.36 | 4,420.52 | 57.84 | 77.424 | | |
| 17,800.00 | 6,840.00 | 6,693.06 | 6,692.06 | 321.47 | 1.69 | 89.18 | -139.71 | -8,202.43 | 4,576.67 | 4,519.36 | 57.30 | 79.866 | | |
| 17,900.00 | 6,840.00 | 6,692.77 | 6,691.78 | 324.17 | 1.69 | 89.16 | -139.71 | -8,202.44 | 4,675.04 | 4,618.25 | 56.80 | 82.312 | | |
| 18,000.00 | 6,840.00 | 6,692.49 | 6,691.50 | 326.87 | 1.69 | 89.14 | -139.71 | -8,202.44 | 4,773.49 | 4,717.17 | 56.32 | 84.761 | | |
| 18,100.00 | 6,840.00 | 6,692.21 | 6,691.22 | 329.57 | 1.69 | 89.12 | -139.70 | -8,202.44 | 4,872.00 | 4,816.13 | 55.86 | 87.211 | | |
| 18,200.00 | 6,840.00 | 6,691.93 | 6,690.94 | 332.27 | 1.69 | 89.10 | -139.70 | -8,202.44 | 4,970.56 | 4,915.13 | 55.44 | 89.662 | | |
| 18,300.00 | 6,840.00 | 6,691.65 | 6,690.65 | 334.97 | 1.69 | 89.08 | -139.70 | -8,202.44 | 5,069.19 | 5,014.15 | 55.03 | 92.113 | | |
| 18,400.00 | 6,840.00 | 6,691.36 | 6,690.37 | 337.67 | 1.69 | 89.06 | -139.70 | -8,202.44 | 5,167.86 | 5,113.21 | 54.65 | 94.562 | | |
| 18,500.00 | 6,840.00 | 6,691.08 | 6,690.09 | 340.38 | 1.69 | 89.04 | -139.70 | -8,202.44 | 5,266.59 | 5,212.30 | 54.29 | 97.010 | | |
| 18,600.00 | 6,840.00 | 6,690.80 | 6,689.80 | 343.08 | 1.69 | 89.02 | -139.70 | -8,202.44 | 5,365.36 | 5,311.41 | 53.95 | 99.455 | | |
| 18,700.00 | 6,840.00 | 6,690.52 | 6,689.52 | 345.78 | 1.69 | 89.00 | -139.70 | -8,202.44 | 5,464.18 | 5,410.56 | 53.62 | 101.897 | | |
| 18,800.00 | 6,840.00 | 6,690.23 | 6,689.24 | 348.48 | 1.69 | 88.98 | -139.70 | -8,202.44 | 5,563.04 | 5,509.72 | 53.32 | 104.335 | | |
| 18,900.00 | 6,840.00 | 6,689.95 | 6,688.95 | 351.19 | 1.69 | 88.96 | -139.70 | -8,202.44 | 5,661.94 | 5,608.91 | 53.03 | 106.768 | | |
| 19,000.00 | 6,840.00 | 6,689.66 | 6,688.67 | 353.89 | 1.69 | 88.94 | -139.70 | -8,202.44 | 5,760.88 | 5,708.12 | 52.76 | 109.196 | | |
| 19,100.00 | 6,840.00 | 6,689.38 | 6,688.39 | 356.59 | 1.69 | 88.92 | -139.70 | -8,202.44 | 5,859.85 | 5,807.35 | 52.50 | 111.619 | | |
| 19,200.00 | 6,840.00 | 6,689.09 | 6,688.10 | 359.30 | 1.69 | 88.90 | -139.70 | -8,202.45 | 5,958.86 | 5,906.61 | 52.25 | 114.035 | | |
| 19,300.00 | 6,840.00 | 6,688.81 | 6,687.82 | 362.00 | 1.69 | 88.88 | -139.70 | -8,202.45 | 6,057.90 | 6,005.88 | 52.02 | 116.445 | | |
| 19,400.00 | 6,840.00 | 6,688.52 | 6,687.53 | 364.71 | 1.69 | 88.86 | -139.70 | -8,202.45 | 6,156.97 | 6,105.17 | 51.81 | 118.848 | | |
| 19,500.00 | 6,840.00 | 6,688.24 | 6,687.24 | 367.41 | 1.69 | 88.84 | -139.70 | -8,202.45 | 6,256.08 | 6,204.48 | 51.60 | 121.243 | | |
| 19,600.00 | 6,840.00 | 6,687.95 | 6,686.96 | 370.11 | 1.69 | 88.82 | -139.70 | -8,202.45 | 6,355.21 | 6,303.80 | 51.40 | 123.630 | | |
| 19,700.00 | 6,840.00 | 6,687.67 | 6,686.67 | 372.82 | 1.69 | 88.80 | -139.70 | -8,202.45 | 6,454.36 | 6,403.14 | 51.22 | 126.010 | | |
| 19,800.00 | 6,840.00 | 6,687.38 | 6,686.39 | 375.53 | 1.69 | 88.78 | -139.70 | -8,202.45 | 6,553.54 | 6,502.50 | 51.05 | 128.380 | | |
| 19,900.00 | 6,840.00 | 6,687.09 | 6,686.10 | 378.23 | 1.69 | 88.76 | -139.70 | -8,202.45 | 6,652.75 | 6,601.87 | 50.88 | 130.742 | | |
| 20,000.00 | 6,840.00 | 6,686.81 | 6,685.81 | 380.94 | 1.69 | 88.74 | -139.70 | -8,202.45 | 6,751.98 | 6,701.25 | 50.73 | 133.095 | | |
| 20,100.00 | 6,840.00 | 6,686.52 | 6,685.52 | 383.64 | 1.69 | 88.72 | -139.70 | -8,202.45 | 6,851.23 | 6,800.65 | 50.59 | 135.438 | | |
| 20,200.00 | 6,840.00 | 6,686.23 | 6,685.24 | 386.35 | 1.69 | 88.70 | -139.70 | -8,202.45 | 6,950.51 | 6,900.06 | 50.45 | 137.772 | | |
| 20,300.00 | 6,840.00 | 6,685.94 | 6,684.95 | 389.05 | 1.69 | 88.68 | -139.70 | -8,202.45 | 7,049.80 | 6,999.48 | 50.32 | 140.096 | | |
| 20,400.00 | 6,840.00 | 6,685.65 | 6,684.66 | 391.76 | 1.69 | 88.67 | -139.70 | -8,202.46 | 7,149.12 | 7,098.92 | 50.20 | 142.410 | | |
| 20,442.82 | 6,840.00 | 6,685.53 | 6,684.54 | 392.92 | 1.69 | 88.66 | -139.70 | -8,202.46 | 7,191.64 | 7,141.49 | 50.15 | 143.398 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -90.27 | -44.45 | -9,503.30 | 9,504.43 | | | | | |
| 100.00 | 100.00 | 0.00 | 0.00 | 0.13 | 0.00 | -90.27 | -44.45 | -9,503.30 | 9,503.48 | 9,503.35 | 0.13 | N/A | | |
| 200.00 | 200.00 | 129.46 | 129.45 | 0.49 | 0.15 | -90.27 | -43.99 | -9,502.66 | 9,503.01 | 9,502.38 | 0.64 | N/A | | |
| 300.00 | 300.00 | 200.00 | 200.00 | 0.85 | 0.24 | -90.26 | -43.74 | -9,502.22 | 9,502.41 | 9,501.32 | 1.09 | 8,727.866 | | |
| 399.92 | 399.92 | 259.92 | 259.92 | 1.21 | 0.24 | -90.26 | -43.65 | -9,502.07 | 9,502.17 | 9,500.72 | 1.45 | 6,564.011 | | |
| 400.00 | 400.00 | 259.97 | 259.96 | 1.21 | 0.24 | -90.26 | -43.65 | -9,502.07 | 9,502.17 | 9,500.72 | 1.45 | 6,562.692 | | |
| 500.00 | 500.00 | 335.32 | 335.31 | 1.57 | 0.26 | -90.26 | -43.71 | -9,502.24 | 9,502.38 | 9,500.55 | 1.83 | 5,200.607 | | |
| 600.00 | 599.98 | 446.72 | 446.72 | 1.92 | 0.33 | 25.55 | -44.16 | -9,502.42 | 9,500.96 | 9,498.72 | 2.24 | 4,237.558 | | |
| 700.00 | 699.84 | 534.73 | 534.72 | 2.26 | 0.38 | 25.60 | -44.53 | -9,502.58 | 9,496.42 | 9,493.78 | 2.64 | 3,598.313 | | |
| 800.00 | 799.45 | 619.26 | 619.25 | 2.62 | 0.43 | 25.68 | -44.92 | -9,502.89 | 9,488.92 | 9,485.89 | 3.04 | 3,126.432 | | |
| 900.00 | 898.70 | 731.86 | 731.85 | 2.99 | 0.49 | 25.80 | -45.52 | -9,503.29 | 9,478.28 | 9,474.83 | 3.45 | 2,748.679 | | |
| 1,000.00 | 997.47 | 839.34 | 839.33 | 3.39 | 0.54 | 25.97 | -45.93 | -9,503.53 | 9,464.40 | 9,460.54 | 3.86 | 2,450.400 | | |
| 1,100.00 | 1,095.62 | 929.26 | 929.24 | 3.81 | 0.58 | 26.16 | -46.28 | -9,503.71 | 9,447.40 | 9,443.12 | 4.27 | 2,210.541 | | |
| 1,200.00 | 1,193.06 | 1,002.18 | 1,002.17 | 4.27 | 0.61 | 26.39 | -46.55 | -9,504.01 | 9,427.53 | 9,422.85 | 4.69 | 2,011.778 | | |
| 1,300.00 | 1,289.64 | 1,095.66 | 1,095.64 | 4.77 | 0.65 | 26.66 | -46.72 | -9,504.53 | 9,404.76 | 9,399.65 | 5.12 | 1,837.432 | | |
| 1,400.00 | 1,385.27 | 1,176.32 | 1,176.30 | 5.31 | 0.68 | 26.97 | -46.72 | -9,505.05 | 9,379.08 | 9,373.51 | 5.56 | 1,686.522 | | |
| 1,500.00 | 1,479.82 | 1,277.83 | 1,277.81 | 5.91 | 0.72 | 27.34 | -46.64 | -9,505.79 | 9,350.49 | 9,344.47 | 6.03 | 1,551.691 | | |
| 1,600.00 | 1,573.19 | 1,377.22 | 1,377.20 | 6.55 | 0.75 | 27.69 | -46.45 | -9,506.41 | 9,318.92 | 9,312.42 | 6.51 | 1,431.835 | | |
| 1,700.00 | 1,666.16 | 1,449.54 | 1,449.51 | 7.23 | 0.78 | 27.77 | -46.31 | -9,506.90 | 9,286.48 | 9,279.50 | 6.98 | 1,329.832 | | |
| 1,800.00 | 1,759.13 | 1,527.74 | 1,527.71 | 7.93 | 0.81 | 27.86 | -46.06 | -9,507.66 | 9,254.33 | 9,246.86 | 7.47 | 1,238.849 | | |
| 1,900.00 | 1,852.10 | 1,633.70 | 1,633.67 | 8.64 | 0.84 | 27.98 | -45.67 | -9,508.57 | 9,222.12 | 9,214.14 | 7.97 | 1,156.621 | | |
| 2,000.00 | 1,945.06 | 1,715.31 | 1,715.27 | 9.35 | 0.87 | 28.08 | -45.33 | -9,509.32 | 9,189.99 | 9,181.51 | 8.48 | 1,084.226 | | |
| 2,100.00 | 2,038.03 | 1,803.04 | 1,802.99 | 10.08 | 0.90 | 28.18 | -44.84 | -9,510.20 | 9,157.97 | 9,148.99 | 8.99 | 1,019.126 | | |
| 2,200.00 | 2,131.00 | 1,944.59 | 1,944.54 | 10.81 | 0.94 | 28.35 | -43.70 | -9,511.24 | 9,125.73 | 9,116.22 | 9.51 | 959.739 | | |
| 2,300.00 | 2,223.97 | 2,300.00 | 2,079.50 | 11.54 | 1.02 | 28.52 | -42.00 | -9,511.50 | 9,093.00 | 9,082.92 | 10.07 | 902.664 | | |
| 2,400.00 | 2,316.94 | 2,182.05 | 2,181.98 | 12.28 | 0.99 | 28.65 | -40.54 | -9,511.35 | 9,060.01 | 9,049.48 | 10.54 | 859.802 | | |
| 2,500.00 | 2,409.90 | 2,247.43 | 2,247.35 | 13.02 | 1.01 | 28.74 | -39.67 | -9,511.38 | 9,027.26 | 9,016.21 | 11.05 | 816.762 | | |
| 2,600.00 | 2,502.87 | 2,300.00 | 2,299.92 | 13.77 | 1.02 | 28.80 | -39.00 | -9,511.57 | 8,994.87 | 8,983.30 | 11.57 | 777.329 | | |
| 2,700.00 | 2,595.84 | 2,362.82 | 2,362.73 | 14.51 | 1.04 | 28.88 | -38.30 | -9,512.05 | 8,962.86 | 8,950.76 | 12.10 | 740.876 | | |
| 2,800.00 | 2,688.81 | 2,427.91 | 2,427.81 | 15.26 | 1.06 | 28.97 | -37.72 | -9,512.85 | 8,931.29 | 8,918.66 | 12.63 | 707.216 | | |
| 2,900.00 | 2,781.77 | 2,519.67 | 2,519.56 | 16.01 | 1.09 | 29.08 | -36.89 | -9,514.09 | 8,899.88 | 8,886.71 | 13.17 | 675.869 | | |
| 3,000.00 | 2,874.74 | 2,625.98 | 2,625.86 | 16.76 | 1.12 | 29.22 | -35.95 | -9,515.44 | 8,868.42 | 8,854.71 | 13.71 | 646.800 | | |
| 3,100.00 | 2,967.71 | 2,745.77 | 2,745.63 | 17.52 | 1.16 | 29.37 | -34.96 | -9,516.77 | 8,836.86 | 8,822.61 | 14.26 | 619.834 | | |
| 3,200.00 | 3,060.68 | 2,918.42 | 2,918.29 | 18.27 | 1.21 | 29.59 | -34.00 | -9,517.54 | 8,804.69 | 8,789.90 | 14.80 | 595.019 | | |
| 3,300.00 | 3,153.65 | 3,053.09 | 3,052.95 | 19.03 | 1.23 | 29.77 | -33.44 | -9,517.31 | 8,772.01 | 8,756.69 | 15.32 | 572.498 | | |
| 3,400.00 | 3,246.61 | 3,174.03 | 3,173.89 | 19.78 | 1.25 | 29.92 | -32.89 | -9,516.47 | 8,738.84 | 8,723.00 | 15.84 | 551.557 | | |
| 3,500.00 | 3,339.58 | 3,299.85 | 3,299.70 | 20.54 | 1.26 | 30.09 | -32.15 | -9,515.27 | 8,705.50 | 8,689.13 | 16.37 | 531.925 | | |
| 3,600.00 | 3,432.55 | 3,537.28 | 3,537.06 | 21.30 | 1.29 | 30.42 | -29.28 | -9,510.54 | 8,671.32 | 8,654.46 | 16.86 | 514.170 | | |
| 3,700.00 | 3,525.52 | 3,647.72 | 3,647.43 | 22.06 | 1.30 | 30.58 | -27.28 | -9,507.11 | 8,636.11 | 8,618.71 | 17.39 | 496.472 | | |
| 3,800.00 | 3,618.49 | 3,731.08 | 3,730.73 | 22.82 | 1.32 | 30.71 | -25.53 | -9,504.56 | 8,601.00 | 8,583.06 | 17.93 | 479.569 | | |
| 3,900.00 | 3,711.45 | 3,822.12 | 3,821.72 | 23.57 | 1.33 | 30.84 | -23.97 | -9,501.81 | 8,565.96 | 8,547.49 | 18.48 | 463.649 | | |
| 4,000.00 | 3,804.42 | 3,911.55 | 3,911.09 | 24.33 | 1.34 | 30.97 | -22.67 | -9,499.14 | 8,530.98 | 8,511.96 | 19.02 | 448.572 | | |
| 4,100.00 | 3,897.39 | 3,999.14 | 3,998.64 | 25.09 | 1.36 | 31.10 | -21.50 | -9,496.56 | 8,496.08 | 8,476.52 | 19.56 | 434.270 | | |
| 4,200.00 | 3,990.36 | 4,068.93 | 4,068.40 | 25.86 | 1.37 | 31.20 | -20.81 | -9,494.63 | 8,461.37 | 8,441.25 | 20.12 | 420.597 | | |
| 4,300.00 | 4,083.32 | 4,164.94 | 4,164.37 | 26.62 | 1.38 | 31.34 | -20.28 | -9,492.16 | 8,426.86 | 8,406.19 | 20.67 | 407.779 | | |
| 4,400.00 | 4,176.29 | 4,270.35 | 4,269.74 | 27.38 | 1.39 | 31.49 | -19.56 | -9,489.24 | 8,392.21 | 8,371.00 | 21.21 | 395.620 | | |
| 4,500.00 | 4,269.26 | 4,382.49 | 4,381.83 | 28.14 | 1.41 | 31.66 | -18.71 | -9,485.95 | 8,357.45 | 8,335.69 | 21.76 | 384.063 | | |
| 4,600.00 | 4,362.23 | 4,466.95 | 4,466.24 | 28.90 | 1.43 | 31.78 | -18.08 | -9,483.36 | 8,322.63 | 8,300.31 | 22.32 | 372.875 | | |
| 4,700.00 | 4,455.20 | 4,581.74 | 4,580.99 | 29.66 | 1.44 | 31.95 | -17.54 | -9,479.87 | 8,287.87 | 8,265.00 | 22.87 | 362.368 | | |
| 4,800.00 | 4,548.16 | 4,643.30 | 4,642.51 | 30.43 | 1.45 | 32.05 | -17.13 | -9,477.92 | 8,253.05 | 8,229.61 | 23.44 | 352.033 | | |
| 4,900.00 | 4,641.13 | 4,700.00 | 4,699.19 | 31.19 | 1.46 | 32.13 | -16.46 | -9,476.43 | 8,218.74 | 8,194.72 | 24.02 | 342.136 | | |
| 5,000.00 | 4,734.10 | 4,741.23 | 4,740.41 | 31.95 | 1.47 | 32.20 | -15.84 | -9,475.54 | 8,184.95 | 8,160.34 | 24.61 | 332.600 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,800.00 | 4,799.16 | 32.71 | 1.49 | 32.29 | -14.83 | -9,474.61 | 8,151.73 | 8,126.53 | 25.19 | 323.577 | | |
| 5,200.00 | 4,920.04 | 4,866.46 | 4,865.60 | 33.48 | 1.50 | 32.40 | -13.62 | -9,473.79 | 8,118.90 | 8,093.12 | 25.78 | 314.968 | | |
| 5,300.00 | 5,013.00 | 4,952.90 | 4,952.03 | 34.24 | 1.52 | 32.54 | -12.02 | -9,472.78 | 8,086.21 | 8,059.85 | 26.36 | 306.800 | | |
| 5,400.00 | 5,105.97 | 5,040.78 | 5,039.88 | 35.00 | 1.54 | 32.68 | -10.30 | -9,471.80 | 8,053.64 | 8,026.70 | 26.94 | 298.965 | | |
| 5,500.00 | 5,198.94 | 5,126.32 | 5,125.40 | 35.77 | 1.57 | 32.82 | -8.77 | -9,470.90 | 8,021.17 | 7,993.64 | 27.52 | 291.433 | | |
| 5,600.00 | 5,291.91 | 5,204.71 | 5,203.78 | 36.53 | 1.59 | 32.95 | -7.49 | -9,470.21 | 7,988.88 | 7,960.77 | 28.11 | 284.170 | | |
| 5,700.00 | 5,384.87 | 5,283.33 | 5,282.38 | 37.29 | 1.61 | 33.08 | -6.42 | -9,469.67 | 7,956.81 | 7,928.10 | 28.70 | 277.193 | | |
| 5,800.00 | 5,477.84 | 5,358.54 | 5,357.59 | 38.06 | 1.63 | 33.20 | -5.60 | -9,469.31 | 7,924.97 | 7,895.67 | 29.30 | 270.475 | | |
| 5,900.00 | 5,570.81 | 5,433.01 | 5,432.05 | 38.82 | 1.65 | 33.32 | -4.79 | -9,469.13 | 7,893.39 | 7,863.49 | 29.90 | 264.009 | | |
| 6,000.00 | 5,663.78 | 5,515.17 | 5,514.21 | 39.59 | 1.67 | 33.46 | -3.91 | -9,469.13 | 7,862.07 | 7,831.57 | 30.49 | 257.816 | | |
| 6,100.00 | 5,756.75 | 5,665.08 | 5,664.11 | 40.35 | 1.70 | 33.70 | -2.51 | -9,468.63 | 7,830.50 | 7,799.44 | 31.06 | 252.104 | | |
| 6,200.00 | 5,849.71 | 5,782.83 | 5,781.86 | 41.12 | 1.73 | 33.90 | -1.67 | -9,467.59 | 7,798.43 | 7,766.79 | 31.64 | 246.443 | | |
| 6,300.00 | 5,942.68 | 5,867.62 | 5,866.64 | 41.88 | 1.75 | 34.04 | -1.03 | -9,466.75 | 7,766.35 | 7,734.10 | 32.25 | 240.843 | | |
| 6,400.00 | 6,035.65 | 5,964.93 | 5,963.94 | 42.64 | 1.78 | 34.20 | -0.14 | -9,465.86 | 7,734.39 | 7,701.55 | 32.85 | 235.479 | | |
| 6,500.00 | 6,128.62 | 6,058.49 | 6,057.49 | 43.41 | 1.80 | 34.36 | 0.50 | -9,464.92 | 7,702.38 | 7,668.94 | 33.45 | 230.276 | | |
| 6,600.00 | 6,221.59 | 6,138.46 | 6,137.46 | 44.17 | 1.82 | 34.50 | 0.85 | -9,464.21 | 7,670.51 | 7,636.45 | 34.06 | 225.200 | | |
| 6,700.00 | 6,314.55 | 6,214.87 | 6,213.87 | 44.94 | 1.84 | 34.63 | 1.32 | -9,463.69 | 7,638.90 | 7,604.22 | 34.68 | 220.282 | | |
| 6,800.00 | 6,407.52 | 6,303.37 | 6,302.36 | 45.70 | 1.86 | 34.78 | 1.91 | -9,463.18 | 7,607.45 | 7,572.16 | 35.29 | 215.563 | | |
| 6,900.00 | 6,499.98 | 6,379.61 | 6,378.61 | 46.49 | 1.88 | 30.99 | 2.28 | -9,462.87 | 7,574.81 | 7,538.89 | 35.92 | 210.887 | | |
| 7,000.00 | 6,586.50 | 6,465.36 | 6,464.36 | 47.49 | 1.90 | 25.75 | 2.54 | -9,462.65 | 7,529.25 | 7,492.68 | 36.58 | 205.852 | | |
| 7,100.00 | 6,663.58 | 6,536.72 | 6,535.72 | 48.75 | 1.92 | 23.78 | 2.81 | -9,462.45 | 7,469.14 | 7,431.90 | 37.25 | 200.538 | | |
| 7,200.00 | 6,728.87 | 6,591.14 | 6,590.13 | 50.23 | 1.94 | 23.95 | 2.91 | -9,462.39 | 7,396.41 | 7,358.51 | 37.89 | 195.189 | | |
| 7,300.00 | 6,780.38 | 6,696.19 | 6,695.18 | 51.91 | 1.96 | 26.91 | 3.02 | -9,462.01 | 7,313.04 | 7,274.60 | 38.43 | 190.270 | | |
| 7,400.00 | 6,816.56 | 6,729.99 | 6,728.98 | 53.74 | 1.96 | 34.30 | 3.06 | -9,461.75 | 7,221.54 | 7,182.60 | 38.94 | 185.466 | | |
| 7,500.00 | 6,836.29 | 6,746.90 | 6,745.89 | 55.65 | 1.97 | 56.05 | 3.06 | -9,461.63 | 7,124.90 | 7,085.57 | 39.34 | 181.120 | | |
| 7,600.00 | 6,840.00 | 6,749.58 | 6,748.57 | 57.58 | 1.97 | 92.88 | 3.05 | -9,461.61 | 7,026.05 | 6,986.42 | 39.63 | 177.278 | | |
| 7,700.00 | 6,840.00 | 6,748.96 | 6,747.95 | 59.56 | 1.97 | 92.84 | 3.05 | -9,461.61 | 6,927.02 | 6,887.11 | 39.91 | 173.562 | | |
| 7,800.00 | 6,840.00 | 6,748.34 | 6,747.33 | 61.60 | 1.97 | 92.80 | 3.05 | -9,461.62 | 6,828.01 | 6,787.81 | 40.20 | 169.848 | | |
| 7,900.00 | 6,840.00 | 6,747.72 | 6,746.71 | 63.69 | 1.97 | 92.77 | 3.05 | -9,461.62 | 6,729.04 | 6,688.53 | 40.50 | 166.138 | | |
| 8,000.00 | 6,840.00 | 6,747.10 | 6,746.09 | 65.82 | 1.97 | 92.73 | 3.06 | -9,461.63 | 6,630.09 | 6,589.27 | 40.82 | 162.433 | | |
| 8,100.00 | 6,840.00 | 6,746.47 | 6,745.46 | 67.99 | 1.97 | 92.69 | 3.06 | -9,461.63 | 6,531.18 | 6,490.03 | 41.15 | 158.732 | | |
| 8,200.00 | 6,840.00 | 6,745.84 | 6,744.83 | 70.21 | 1.97 | 92.66 | 3.06 | -9,461.64 | 6,432.30 | 6,390.81 | 41.49 | 155.038 | | |
| 8,300.00 | 6,840.00 | 6,745.21 | 6,744.20 | 72.45 | 1.97 | 92.62 | 3.06 | -9,461.64 | 6,333.46 | 6,291.61 | 41.85 | 151.351 | | |
| 8,400.00 | 6,840.00 | 6,744.57 | 6,743.56 | 74.73 | 1.97 | 92.58 | 3.06 | -9,461.64 | 6,234.65 | 6,192.43 | 42.22 | 147.673 | | |
| 8,500.00 | 6,840.00 | 6,743.93 | 6,742.92 | 77.04 | 1.97 | 92.54 | 3.06 | -9,461.65 | 6,135.88 | 6,093.27 | 42.61 | 144.004 | | |
| 8,600.00 | 6,840.00 | 6,743.29 | 6,742.28 | 79.38 | 1.97 | 92.50 | 3.06 | -9,461.65 | 6,037.15 | 5,994.14 | 43.02 | 140.347 | | |
| 8,700.00 | 6,840.00 | 6,742.65 | 6,741.64 | 81.74 | 1.97 | 92.47 | 3.06 | -9,461.66 | 5,938.47 | 5,895.02 | 43.44 | 136.701 | | |
| 8,800.00 | 6,840.00 | 6,742.00 | 6,740.99 | 84.12 | 1.97 | 92.43 | 3.06 | -9,461.66 | 5,839.82 | 5,795.94 | 43.89 | 133.069 | | |
| 8,900.00 | 6,840.00 | 6,741.35 | 6,740.34 | 86.52 | 1.97 | 92.39 | 3.06 | -9,461.67 | 5,741.23 | 5,696.88 | 44.35 | 129.452 | | |
| 9,000.00 | 6,840.00 | 6,740.70 | 6,739.69 | 88.94 | 1.96 | 92.35 | 3.06 | -9,461.67 | 5,642.69 | 5,597.85 | 44.84 | 125.851 | | |
| 9,100.00 | 6,840.00 | 6,740.05 | 6,739.04 | 91.38 | 1.96 | 92.31 | 3.06 | -9,461.68 | 5,544.19 | 5,498.85 | 45.34 | 122.267 | | |
| 9,200.00 | 6,840.00 | 6,739.39 | 6,738.38 | 93.83 | 1.96 | 92.27 | 3.06 | -9,461.68 | 5,445.76 | 5,399.88 | 45.88 | 118.703 | | |
| 9,300.00 | 6,840.00 | 6,738.73 | 6,737.72 | 96.30 | 1.96 | 92.23 | 3.06 | -9,461.69 | 5,347.38 | 5,300.94 | 46.43 | 115.159 | | |
| 9,400.00 | 6,840.00 | 6,738.07 | 6,737.06 | 98.79 | 1.96 | 92.20 | 3.06 | -9,461.69 | 5,249.06 | 5,202.04 | 47.02 | 111.637 | | |
| 9,500.00 | 6,840.00 | 6,737.40 | 6,736.39 | 101.28 | 1.96 | 92.16 | 3.06 | -9,461.70 | 5,150.80 | 5,103.17 | 47.63 | 108.139 | | |
| 9,600.00 | 6,840.00 | 6,736.73 | 6,735.72 | 103.79 | 1.96 | 92.12 | 3.06 | -9,461.70 | 5,052.62 | 5,004.34 | 48.27 | 104.667 | | |
| 9,700.00 | 6,840.00 | 6,736.06 | 6,735.05 | 106.30 | 1.96 | 92.08 | 3.06 | -9,461.70 | 4,954.50 | 4,905.56 | 48.95 | 101.221 | | |
| 9,800.00 | 6,840.00 | 6,735.39 | 6,734.38 | 108.83 | 1.96 | 92.04 | 3.06 | -9,461.71 | 4,856.47 | 4,806.81 | 49.65 | 97.805 | | |
| 9,900.00 | 6,840.00 | 6,734.71 | 6,733.70 | 111.37 | 1.96 | 92.00 | 3.06 | -9,461.71 | 4,758.51 | 4,708.11 | 50.40 | 94.418 | | |
| 10,000.00 | 6,840.00 | 6,734.03 | 6,733.02 | 113.91 | 1.96 | 91.96 | 3.06 | -9,461.72 | 4,660.64 | 4,609.46 | 51.18 | 91.065 | | |
| 10,100.00 | 6,840.00 | 6,733.35 | 6,732.34 | 116.47 | 1.96 | 91.92 | 3.06 | -9,461.72 | 4,562.87 | 4,510.87 | 52.00 | 87.745 | | |
| 10,200.00 | 6,840.00 | 6,732.66 | 6,731.65 | 119.03 | 1.96 | 91.88 | 3.06 | -9,461.73 | 4,465.19 | 4,412.32 | 52.87 | 84.462 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,731.97 | 6,730.96 | 121.59 | 1.96 | 91.83 | 3.06 | -9,461.73 | 4,367.62 | 4,313.84 | 53.78 | 81.217 | | |
| 10,400.00 | 6,840.00 | 6,731.28 | 6,730.27 | 124.17 | 1.96 | 91.79 | 3.06 | -9,461.74 | 4,270.16 | 4,215.42 | 54.74 | 78.012 | | |
| 10,500.00 | 6,840.00 | 6,730.58 | 6,729.57 | 126.75 | 1.96 | 91.75 | 3.06 | -9,461.74 | 4,172.82 | 4,117.07 | 55.75 | 74.849 | | |
| 10,600.00 | 6,840.00 | 6,729.89 | 6,728.88 | 129.34 | 1.96 | 91.71 | 3.06 | -9,461.75 | 4,075.61 | 4,018.79 | 56.82 | 71.730 | | |
| 10,700.00 | 6,840.00 | 6,729.18 | 6,728.17 | 131.93 | 1.96 | 91.67 | 3.06 | -9,461.76 | 3,978.53 | 3,920.59 | 57.95 | 68.657 | | |
| 10,800.00 | 6,840.00 | 6,728.48 | 6,727.47 | 134.53 | 1.96 | 91.63 | 3.06 | -9,461.76 | 3,881.61 | 3,822.47 | 59.14 | 65.632 | | |
| 10,900.00 | 6,840.00 | 6,727.77 | 6,726.76 | 137.13 | 1.96 | 91.59 | 3.06 | -9,461.77 | 3,784.84 | 3,724.44 | 60.41 | 62.658 | | |
| 11,000.00 | 6,840.00 | 6,727.06 | 6,726.05 | 139.73 | 1.96 | 91.54 | 3.06 | -9,461.77 | 3,688.25 | 3,626.51 | 61.74 | 59.735 | | |
| 11,100.00 | 6,840.00 | 6,726.35 | 6,725.34 | 142.35 | 1.96 | 91.50 | 3.06 | -9,461.78 | 3,591.84 | 3,528.68 | 63.16 | 56.867 | | |
| 11,200.00 | 6,840.00 | 6,725.63 | 6,724.62 | 144.96 | 1.96 | 91.46 | 3.06 | -9,461.78 | 3,495.64 | 3,430.97 | 64.67 | 54.056 | | |
| 11,300.00 | 6,840.00 | 6,724.91 | 6,723.90 | 147.58 | 1.96 | 91.42 | 3.05 | -9,461.79 | 3,399.66 | 3,333.39 | 66.27 | 51.303 | | |
| 11,400.00 | 6,840.00 | 6,724.19 | 6,723.18 | 150.20 | 1.96 | 91.37 | 3.05 | -9,461.79 | 3,303.91 | 3,235.94 | 67.97 | 48.611 | | |
| 11,500.00 | 6,840.00 | 6,723.46 | 6,722.45 | 152.83 | 1.96 | 91.33 | 3.05 | -9,461.80 | 3,208.42 | 3,138.64 | 69.78 | 45.982 | | |
| 11,600.00 | 6,840.00 | 6,722.73 | 6,721.72 | 155.46 | 1.96 | 91.29 | 3.05 | -9,461.80 | 3,113.21 | 3,041.51 | 71.71 | 43.417 | | |
| 11,700.00 | 6,840.00 | 6,722.00 | 6,720.99 | 158.09 | 1.96 | 91.24 | 3.05 | -9,461.81 | 3,018.32 | 2,944.56 | 73.76 | 40.919 | | |
| 11,800.00 | 6,840.00 | 6,721.26 | 6,720.25 | 160.73 | 1.96 | 91.20 | 3.05 | -9,461.81 | 2,923.76 | 2,847.80 | 75.96 | 38.490 | | |
| 11,900.00 | 6,840.00 | 6,720.52 | 6,719.51 | 163.36 | 1.96 | 91.16 | 3.05 | -9,461.82 | 2,829.58 | 2,751.27 | 78.31 | 36.131 | | |
| 12,000.00 | 6,840.00 | 6,719.77 | 6,718.77 | 166.01 | 1.96 | 91.11 | 3.05 | -9,461.83 | 2,735.82 | 2,654.98 | 80.83 | 33.845 | | |
| 12,100.00 | 6,840.00 | 6,719.03 | 6,718.02 | 168.65 | 1.96 | 91.07 | 3.05 | -9,461.83 | 2,642.50 | 2,558.97 | 83.54 | 31.633 | | |
| 12,200.00 | 6,840.00 | 6,718.28 | 6,717.27 | 171.30 | 1.96 | 91.02 | 3.05 | -9,461.84 | 2,549.70 | 2,463.26 | 86.44 | 29.498 | | |
| 12,300.00 | 6,840.00 | 6,717.52 | 6,716.51 | 173.94 | 1.96 | 90.98 | 3.05 | -9,461.84 | 2,457.46 | 2,367.90 | 89.56 | 27.440 | | |
| 12,400.00 | 6,840.00 | 6,720.31 | 6,719.30 | 176.59 | 1.96 | 91.14 | 3.06 | -9,461.80 | 2,365.84 | 2,272.93 | 92.91 | 25.464 | | |
| 12,500.00 | 6,840.00 | 6,719.16 | 6,718.15 | 179.25 | 1.96 | 91.08 | 3.06 | -9,461.81 | 2,274.94 | 2,178.41 | 96.53 | 23.567 | | |
| 12,600.00 | 6,840.00 | 6,718.03 | 6,717.02 | 181.90 | 1.96 | 91.01 | 3.06 | -9,461.82 | 2,184.83 | 2,084.39 | 100.44 | 21.752 | | |
| 12,700.00 | 6,840.00 | 6,716.92 | 6,715.91 | 184.56 | 1.96 | 90.94 | 3.06 | -9,461.83 | 2,095.62 | 1,990.95 | 104.67 | 20.021 | | |
| 12,800.00 | 6,840.00 | 6,715.83 | 6,714.83 | 187.22 | 1.96 | 90.88 | 3.05 | -9,461.84 | 2,007.43 | 1,898.19 | 109.24 | 18.376 | | |
| 12,900.00 | 6,840.00 | 6,714.77 | 6,713.76 | 189.88 | 1.96 | 90.82 | 3.05 | -9,461.85 | 1,920.39 | 1,806.20 | 114.20 | 16.817 | | |
| 13,000.00 | 6,840.00 | 6,713.72 | 6,712.71 | 192.54 | 1.96 | 90.75 | 3.05 | -9,461.86 | 1,834.68 | 1,715.12 | 119.56 | 15.345 | | |
| 13,100.00 | 6,840.00 | 6,712.69 | 6,711.68 | 195.20 | 1.96 | 90.69 | 3.05 | -9,461.87 | 1,750.48 | 1,625.11 | 125.37 | 13.962 | | |
| 13,200.00 | 6,840.00 | 6,711.68 | 6,710.67 | 197.87 | 1.96 | 90.63 | 3.05 | -9,461.88 | 1,668.03 | 1,536.36 | 131.67 | 12.668 | | |
| 13,300.00 | 6,840.00 | 6,710.69 | 6,709.68 | 200.53 | 1.96 | 90.57 | 3.05 | -9,461.89 | 1,587.59 | 1,449.11 | 138.48 | 11.465 | | |
| 13,400.00 | 6,840.00 | 6,709.71 | 6,708.70 | 203.20 | 1.96 | 90.52 | 3.05 | -9,461.90 | 1,509.50 | 1,363.67 | 145.82 | 10.352 | | |
| 13,500.00 | 6,840.00 | 6,708.75 | 6,707.75 | 205.87 | 1.96 | 90.46 | 3.04 | -9,461.91 | 1,434.12 | 1,280.40 | 153.72 | 9.330 | | |
| 13,600.00 | 6,840.00 | 6,707.81 | 6,706.80 | 208.54 | 1.96 | 90.40 | 3.04 | -9,461.92 | 1,361.92 | 1,199.77 | 162.15 | 8.399 | | |
| 13,700.00 | 6,840.00 | 6,706.89 | 6,705.88 | 211.22 | 1.96 | 90.35 | 3.04 | -9,461.92 | 1,293.43 | 1,122.34 | 171.09 | 7.560 | | |
| 13,800.00 | 6,840.00 | 6,705.98 | 6,704.97 | 213.89 | 1.96 | 90.29 | 3.04 | -9,461.93 | 1,229.26 | 1,048.83 | 180.43 | 6.813 | | |
| 13,900.00 | 6,840.00 | 6,705.08 | 6,704.07 | 216.56 | 1.96 | 90.24 | 3.04 | -9,461.94 | 1,170.13 | 980.10 | 190.03 | 6.157 | | |
| 14,000.00 | 6,840.00 | 6,704.20 | 6,703.20 | 219.24 | 1.96 | 90.19 | 3.04 | -9,461.95 | 1,116.84 | 917.17 | 199.67 | 5.593 | | |
| 14,100.00 | 6,840.00 | 6,703.34 | 6,702.33 | 221.92 | 1.96 | 90.14 | 3.04 | -9,461.95 | 1,070.25 | 861.24 | 209.01 | 5.121 | | |
| 14,200.00 | 6,840.00 | 6,702.51 | 6,701.51 | 224.59 | 1.96 | 90.09 | 3.03 | -9,461.96 | 1,031.29 | 813.65 | 217.64 | 4.738 | | |
| 14,300.00 | 6,840.00 | 6,701.69 | 6,700.68 | 227.27 | 1.96 | 90.04 | 3.03 | -9,461.97 | 1,000.84 | 775.74 | 225.09 | 4.446 | | |
| 14,400.00 | 6,840.00 | 6,700.85 | 6,699.85 | 229.95 | 1.96 | 89.99 | 3.03 | -9,461.97 | 979.69 | 748.82 | 230.87 | 4.244 | | |
| 14,500.00 | 6,840.00 | 6,700.02 | 6,699.01 | 232.63 | 1.96 | 89.94 | 3.03 | -9,461.98 | 968.45 | 733.92 | 234.54 | 4.129 | | |
| 14,559.44 | 6,840.00 | 6,699.54 | 6,698.53 | 234.23 | 1.96 | 89.91 | 3.03 | -9,461.98 | 966.63 | 731.02 | 235.61 | 4.103 CC, ES | | |
| 14,600.00 | 6,840.00 | 6,699.22 | 6,698.21 | 235.31 | 1.96 | 89.89 | 3.03 | -9,461.99 | 967.48 | 731.64 | 235.84 | 4.102 SF | | |
| 14,700.00 | 6,840.00 | 6,698.44 | 6,697.43 | 238.00 | 1.96 | 89.85 | 3.03 | -9,461.99 | 976.79 | 742.08 | 234.71 | 4.162 | | |
| 14,800.00 | 6,840.00 | 6,697.66 | 6,696.66 | 240.68 | 1.96 | 89.80 | 3.03 | -9,462.00 | 996.11 | 764.79 | 231.32 | 4.306 | | |
| 14,900.00 | 6,840.00 | 6,696.90 | 6,695.89 | 243.36 | 1.96 | 89.76 | 3.03 | -9,462.01 | 1,024.86 | 798.83 | 226.03 | 4.534 | | |
| 15,000.00 | 6,840.00 | 6,696.15 | 6,695.15 | 246.05 | 1.96 | 89.71 | 3.02 | -9,462.01 | 1,062.29 | 843.01 | 219.28 | 4.844 | | |
| 15,100.00 | 6,840.00 | 6,695.42 | 6,694.41 | 248.74 | 1.96 | 89.67 | 3.02 | -9,462.02 | 1,107.50 | 895.95 | 211.55 | 5.235 | | |
| 15,200.00 | 6,840.00 | 6,694.69 | 6,693.68 | 251.42 | 1.96 | 89.63 | 3.02 | -9,462.02 | 1,159.60 | 956.34 | 203.26 | 5.705 | | |
| 15,300.00 | 6,840.00 | 6,693.98 | 6,692.97 | 254.11 | 1.96 | 89.58 | 3.02 | -9,462.03 | 1,217.69 | 1,022.92 | 194.77 | 6.252 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,400.00 | 6,840.00 | 6,693.27 | 6,692.26 | 256.80 | 1.96 | 89.54 | 3.02 | -9,462.03 | 1,280.96 | 1,094.62 | 186.34 | 6.874 | | |
| 15,500.00 | 6,840.00 | 6,692.58 | 6,691.57 | 259.49 | 1.96 | 89.50 | 3.02 | -9,462.04 | 1,348.69 | 1,170.53 | 178.16 | 7.570 | | |
| 15,600.00 | 6,840.00 | 6,691.89 | 6,690.89 | 262.17 | 1.96 | 89.46 | 3.02 | -9,462.04 | 1,420.24 | 1,249.90 | 170.34 | 8.338 | | |
| 15,700.00 | 6,840.00 | 6,691.22 | 6,690.21 | 264.86 | 1.96 | 89.42 | 3.02 | -9,462.05 | 1,495.05 | 1,332.10 | 162.95 | 9.175 | | |
| 15,800.00 | 6,840.00 | 6,690.56 | 6,689.55 | 267.55 | 1.96 | 89.38 | 3.02 | -9,462.05 | 1,572.66 | 1,416.64 | 156.02 | 10.080 | | |
| 15,900.00 | 6,840.00 | 6,689.90 | 6,688.89 | 270.25 | 1.96 | 89.34 | 3.02 | -9,462.06 | 1,652.69 | 1,503.13 | 149.55 | 11.051 | | |
| 16,000.00 | 6,840.00 | 6,689.26 | 6,688.25 | 272.94 | 1.96 | 89.30 | 3.02 | -9,462.06 | 1,734.78 | 1,591.24 | 143.54 | 12.085 | | |
| 16,100.00 | 6,840.00 | 6,688.62 | 6,687.61 | 275.63 | 1.96 | 89.27 | 3.01 | -9,462.07 | 1,818.67 | 1,680.70 | 137.97 | 13.182 | | |
| 16,200.00 | 6,840.00 | 6,687.99 | 6,686.98 | 278.32 | 1.96 | 89.23 | 3.01 | -9,462.07 | 1,904.12 | 1,771.31 | 132.80 | 14.338 | | |
| 16,300.00 | 6,840.00 | 6,687.38 | 6,686.37 | 281.02 | 1.96 | 89.19 | 3.01 | -9,462.08 | 1,990.92 | 1,862.90 | 128.02 | 15.551 | | |
| 16,400.00 | 6,840.00 | 6,686.77 | 6,685.76 | 283.71 | 1.96 | 89.16 | 3.01 | -9,462.08 | 2,078.90 | 1,955.31 | 123.59 | 16.821 | | |
| 16,500.00 | 6,840.00 | 6,686.16 | 6,685.16 | 286.40 | 1.96 | 89.12 | 3.01 | -9,462.08 | 2,167.93 | 2,048.45 | 119.48 | 18.144 | | |
| 16,600.00 | 6,840.00 | 6,685.57 | 6,684.56 | 289.10 | 1.96 | 89.09 | 3.01 | -9,462.09 | 2,257.88 | 2,142.20 | 115.68 | 19.519 | | |
| 16,700.00 | 6,840.00 | 6,684.99 | 6,683.98 | 291.79 | 1.96 | 89.05 | 3.01 | -9,462.09 | 2,348.64 | 2,236.50 | 112.14 | 20.943 | | |
| 16,800.00 | 6,840.00 | 6,684.41 | 6,683.40 | 294.49 | 1.96 | 89.02 | 3.01 | -9,462.10 | 2,440.12 | 2,331.27 | 108.86 | 22.416 | | |
| 16,900.00 | 6,840.00 | 6,683.84 | 6,682.83 | 297.19 | 1.96 | 88.98 | 3.01 | -9,462.10 | 2,532.25 | 2,426.45 | 105.80 | 23.934 | | |
| 17,000.00 | 6,840.00 | 6,683.28 | 6,682.27 | 299.88 | 1.96 | 88.95 | 3.01 | -9,462.10 | 2,624.95 | 2,522.00 | 102.96 | 25.496 | | |
| 17,100.00 | 6,840.00 | 6,682.72 | 6,681.72 | 302.58 | 1.96 | 88.92 | 3.01 | -9,462.11 | 2,718.17 | 2,617.87 | 100.30 | 27.100 | | |
| 17,200.00 | 6,840.00 | 6,682.18 | 6,681.17 | 305.28 | 1.96 | 88.88 | 3.01 | -9,462.11 | 2,811.86 | 2,714.04 | 97.82 | 28.744 | | |
| 17,300.00 | 6,840.00 | 6,681.64 | 6,680.63 | 307.97 | 1.96 | 88.85 | 3.00 | -9,462.12 | 2,905.97 | 2,810.46 | 95.51 | 30.427 | | |
| 17,400.00 | 6,840.00 | 6,681.11 | 6,680.10 | 310.67 | 1.96 | 88.82 | 3.00 | -9,462.12 | 3,000.46 | 2,907.12 | 93.34 | 32.146 | | |
| 17,500.00 | 6,840.00 | 6,680.58 | 6,679.57 | 313.37 | 1.96 | 88.79 | 3.00 | -9,462.12 | 3,095.29 | 3,003.98 | 91.31 | 33.900 | | |
| 17,600.00 | 6,840.00 | 6,680.06 | 6,679.05 | 316.07 | 1.96 | 88.76 | 3.00 | -9,462.13 | 3,190.44 | 3,101.04 | 89.40 | 35.687 | | |
| 17,700.00 | 6,840.00 | 6,679.55 | 6,678.54 | 318.77 | 1.96 | 88.73 | 3.00 | -9,462.13 | 3,285.88 | 3,198.27 | 87.61 | 37.506 | | |
| 17,800.00 | 6,840.00 | 6,679.04 | 6,678.03 | 321.47 | 1.96 | 88.70 | 3.00 | -9,462.13 | 3,381.58 | 3,295.65 | 85.93 | 39.354 | | |
| 17,900.00 | 6,840.00 | 6,678.54 | 6,677.53 | 324.17 | 1.95 | 88.67 | 3.00 | -9,462.14 | 3,477.52 | 3,393.18 | 84.34 | 41.231 | | |
| 18,000.00 | 6,840.00 | 6,678.05 | 6,677.04 | 326.87 | 1.95 | 88.64 | 3.00 | -9,462.14 | 3,573.69 | 3,490.84 | 82.85 | 43.134 | | |
| 18,100.00 | 6,840.00 | 6,677.56 | 6,676.55 | 329.57 | 1.95 | 88.61 | 3.00 | -9,462.14 | 3,670.06 | 3,588.61 | 81.44 | 45.063 | | |
| 18,200.00 | 6,840.00 | 6,677.08 | 6,676.07 | 332.27 | 1.95 | 88.58 | 3.00 | -9,462.14 | 3,766.62 | 3,686.50 | 80.11 | 47.016 | | |
| 18,300.00 | 6,840.00 | 6,676.61 | 6,675.60 | 334.97 | 1.95 | 88.55 | 3.00 | -9,462.15 | 3,863.35 | 3,784.49 | 78.86 | 48.991 | | |
| 18,400.00 | 6,840.00 | 6,676.14 | 6,675.13 | 337.67 | 1.95 | 88.53 | 3.00 | -9,462.15 | 3,960.25 | 3,882.57 | 77.67 | 50.987 | | |
| 18,500.00 | 6,840.00 | 6,675.67 | 6,674.66 | 340.38 | 1.95 | 88.50 | 3.00 | -9,462.15 | 4,057.29 | 3,980.74 | 76.55 | 53.002 | | |
| 18,600.00 | 6,840.00 | 6,675.21 | 6,674.21 | 343.08 | 1.95 | 88.47 | 3.00 | -9,462.16 | 4,154.48 | 4,078.99 | 75.49 | 55.036 | | |
| 18,700.00 | 6,840.00 | 6,674.76 | 6,673.75 | 345.78 | 1.95 | 88.44 | 3.00 | -9,462.16 | 4,251.80 | 4,177.32 | 74.48 | 57.087 | | |
| 18,800.00 | 6,840.00 | 6,674.31 | 6,673.31 | 348.48 | 1.95 | 88.42 | 2.99 | -9,462.16 | 4,349.24 | 4,275.71 | 73.52 | 59.155 | | |
| 18,900.00 | 6,840.00 | 6,673.87 | 6,672.86 | 351.19 | 1.95 | 88.39 | 2.99 | -9,462.16 | 4,446.79 | 4,374.17 | 72.62 | 61.236 | | |
| 19,000.00 | 6,840.00 | 6,673.44 | 6,672.43 | 353.89 | 1.95 | 88.37 | 2.99 | -9,462.17 | 4,544.45 | 4,472.69 | 71.76 | 63.332 | | |
| 19,100.00 | 6,840.00 | 6,673.00 | 6,672.00 | 356.59 | 1.95 | 88.34 | 2.99 | -9,462.17 | 4,642.21 | 4,571.27 | 70.94 | 65.440 | | |
| 19,200.00 | 6,840.00 | 6,672.58 | 6,671.57 | 359.30 | 1.95 | 88.32 | 2.99 | -9,462.17 | 4,740.06 | 4,669.90 | 70.16 | 67.560 | | |
| 19,300.00 | 6,840.00 | 6,672.16 | 6,671.15 | 362.00 | 1.95 | 88.29 | 2.99 | -9,462.17 | 4,838.00 | 4,768.58 | 69.42 | 69.691 | | |
| 19,400.00 | 6,840.00 | 6,671.74 | 6,670.73 | 364.71 | 1.95 | 88.27 | 2.99 | -9,462.18 | 4,936.02 | 4,867.30 | 68.72 | 71.831 | | |
| 19,500.00 | 6,840.00 | 6,671.33 | 6,670.32 | 367.41 | 1.95 | 88.24 | 2.99 | -9,462.18 | 5,034.12 | 4,966.07 | 68.05 | 73.979 | | |
| 19,600.00 | 6,840.00 | 6,670.92 | 6,669.91 | 370.11 | 1.95 | 88.22 | 2.99 | -9,462.18 | 5,132.30 | 5,064.89 | 67.41 | 76.136 | | |
| 19,700.00 | 6,840.00 | 6,670.52 | 6,669.51 | 372.82 | 1.95 | 88.19 | 2.99 | -9,462.18 | 5,230.54 | 5,163.74 | 66.80 | 78.299 | | |
| 19,800.00 | 6,840.00 | 6,670.12 | 6,669.11 | 375.53 | 1.95 | 88.17 | 2.99 | -9,462.19 | 5,328.85 | 5,262.62 | 66.22 | 80.468 | | |
| 19,900.00 | 6,840.00 | 6,669.72 | 6,668.72 | 378.23 | 1.95 | 88.15 | 2.99 | -9,462.19 | 5,427.22 | 5,361.55 | 65.67 | 82.643 | | |
| 20,000.00 | 6,840.00 | 6,669.33 | 6,668.33 | 380.94 | 1.95 | 88.12 | 2.99 | -9,462.19 | 5,525.64 | 5,460.50 | 65.14 | 84.823 | | |
| 20,100.00 | 6,840.00 | 6,668.95 | 6,667.94 | 383.64 | 1.95 | 88.10 | 2.99 | -9,462.19 | 5,624.13 | 5,559.49 | 64.64 | 87.006 | | |
| 20,200.00 | 6,840.00 | 6,668.57 | 6,667.56 | 386.35 | 1.95 | 88.08 | 2.99 | -9,462.19 | 5,722.66 | 5,658.50 | 64.16 | 89.192 | | |
| 20,300.00 | 6,840.00 | 6,668.19 | 6,667.18 | 389.05 | 1.95 | 88.06 | 2.99 | -9,462.20 | 5,821.25 | 5,757.55 | 63.70 | 91.381 | | |
| 20,400.00 | 6,840.00 | 6,667.82 | 6,666.81 | 391.76 | 1.95 | 88.03 | 2.99 | -9,462.20 | 5,919.88 | 5,856.62 | 63.27 | 93.571 | | |
| 20,442.82 | 6,840.00 | 6,667.66 | 6,666.65 | 392.92 | 1.95 | 88.02 | 2.99 | -9,462.20 | 5,962.13 | 5,899.04 | 63.09 | 94.509 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -100.04 | -1,458.40 | -8,234.28 | 8,363.49 | | | | | |
| 100.00 | 100.00 | 0.00 | 0.00 | 0.13 | 0.00 | -100.04 | -1,458.40 | -8,234.28 | 8,362.50 | 8,362.36 | 0.13 | N/A | | |
| 200.00 | 200.00 | 130.33 | 130.32 | 0.49 | 0.15 | -100.04 | -1,458.03 | -8,233.57 | 8,361.91 | 8,361.27 | 0.64 | N/A | | |
| 300.00 | 300.00 | 200.00 | 200.00 | 0.85 | 0.24 | -100.04 | -1,457.85 | -8,233.26 | 8,361.40 | 8,360.31 | 1.09 | 7,673.118 | | |
| 400.00 | 400.00 | 284.33 | 284.33 | 1.21 | 0.31 | -100.04 | -1,457.72 | -8,233.11 | 8,361.18 | 8,359.66 | 1.52 | 5,503.109 | | |
| 500.00 | 500.00 | 362.41 | 362.41 | 1.57 | 0.33 | -100.04 | -1,457.69 | -8,233.03 | 8,361.08 | 8,359.19 | 1.89 | 4,416.818 | | |
| 525.59 | 525.59 | 381.34 | 381.33 | 1.66 | 0.33 | 15.76 | -1,457.72 | -8,233.04 | 8,361.00 | 8,359.01 | 1.98 | 4,217.692 | | |
| 600.00 | 599.98 | 452.60 | 452.60 | 1.92 | 0.36 | 15.77 | -1,457.92 | -8,233.14 | 8,359.56 | 8,357.29 | 2.27 | 3,680.427 | | |
| 700.00 | 699.84 | 553.18 | 553.18 | 2.26 | 0.39 | 15.80 | -1,458.10 | -8,233.27 | 8,354.68 | 8,352.03 | 2.65 | 3,150.253 | | |
| 800.00 | 799.45 | 646.54 | 646.53 | 2.62 | 0.43 | 15.86 | -1,457.99 | -8,233.47 | 8,346.49 | 8,343.45 | 3.03 | 2,751.304 | | |
| 900.00 | 898.70 | 758.94 | 758.94 | 2.99 | 0.45 | 15.95 | -1,457.87 | -8,233.75 | 8,334.99 | 8,331.58 | 3.42 | 2,439.981 | | |
| 1,000.00 | 997.47 | 865.84 | 865.84 | 3.39 | 0.47 | 16.07 | -1,457.91 | -8,233.72 | 8,319.92 | 8,316.11 | 3.80 | 2,188.729 | | |
| 1,100.00 | 1,095.62 | 955.13 | 955.12 | 3.81 | 0.50 | 16.21 | -1,457.97 | -8,233.73 | 8,301.59 | 8,297.40 | 4.19 | 1,980.264 | | |
| 1,200.00 | 1,193.06 | 1,041.21 | 1,041.20 | 4.27 | 0.53 | 16.37 | -1,457.98 | -8,233.87 | 8,280.11 | 8,275.52 | 4.59 | 1,803.032 | | |
| 1,300.00 | 1,289.64 | 1,130.65 | 1,130.64 | 4.77 | 0.56 | 16.56 | -1,458.01 | -8,234.13 | 8,255.51 | 8,250.50 | 5.01 | 1,647.727 | | |
| 1,400.00 | 1,385.27 | 1,231.65 | 1,231.64 | 5.31 | 0.60 | 16.79 | -1,458.08 | -8,234.41 | 8,227.68 | 8,222.24 | 5.44 | 1,513.453 | | |
| 1,500.00 | 1,479.82 | 1,331.88 | 1,331.87 | 5.91 | 0.63 | 17.04 | -1,458.39 | -8,234.57 | 8,196.59 | 8,190.72 | 5.87 | 1,397.542 | | |
| 1,600.00 | 1,573.19 | 1,420.89 | 1,420.88 | 6.55 | 0.67 | 17.28 | -1,458.60 | -8,234.70 | 8,162.39 | 8,156.08 | 6.31 | 1,294.328 | | |
| 1,700.00 | 1,666.16 | 1,494.29 | 1,494.28 | 7.23 | 0.69 | 17.34 | -1,458.73 | -8,234.94 | 8,127.34 | 8,120.61 | 6.74 | 1,206.261 | | |
| 1,800.00 | 1,759.13 | 1,602.98 | 1,602.97 | 7.93 | 0.73 | 17.43 | -1,458.83 | -8,235.36 | 8,092.35 | 8,085.16 | 7.19 | 1,125.758 | | |
| 1,900.00 | 1,852.10 | 1,682.42 | 1,682.41 | 8.64 | 0.76 | 17.50 | -1,458.78 | -8,235.68 | 8,057.35 | 8,049.71 | 7.64 | 1,055.059 | | |
| 2,000.00 | 1,945.06 | 1,765.09 | 1,765.08 | 9.35 | 0.79 | 17.57 | -1,458.67 | -8,236.13 | 8,022.50 | 8,014.41 | 8.09 | 991.420 | | |
| 2,100.00 | 2,038.03 | 1,904.35 | 1,904.34 | 10.08 | 0.83 | 17.70 | -1,458.16 | -8,236.77 | 7,987.59 | 7,979.04 | 8.55 | 934.155 | | |
| 2,200.00 | 2,131.00 | 1,989.56 | 1,989.54 | 10.81 | 0.85 | 17.78 | -1,457.38 | -8,236.96 | 7,952.35 | 7,943.34 | 9.01 | 882.909 | | |
| 2,300.00 | 2,223.97 | 2,115.22 | 2,115.19 | 11.54 | 0.88 | 17.90 | -1,455.79 | -8,237.12 | 7,916.99 | 7,907.52 | 9.47 | 836.127 | | |
| 2,400.00 | 2,316.94 | 2,184.21 | 2,184.17 | 12.28 | 0.90 | 17.97 | -1,454.74 | -8,237.22 | 7,881.61 | 7,871.68 | 9.93 | 793.842 | | |
| 2,500.00 | 2,409.90 | 2,286.00 | 2,285.95 | 13.02 | 0.92 | 18.07 | -1,453.13 | -8,237.45 | 7,846.32 | 7,835.93 | 10.39 | 754.983 | | |
| 2,600.00 | 2,502.87 | 2,392.14 | 2,392.08 | 13.77 | 0.95 | 18.18 | -1,451.33 | -8,237.51 | 7,810.89 | 7,800.03 | 10.86 | 719.342 | | |
| 2,700.00 | 2,595.84 | 2,531.86 | 2,531.78 | 14.51 | 0.98 | 18.32 | -1,449.11 | -8,236.85 | 7,774.94 | 7,763.62 | 11.32 | 686.853 | | |
| 2,800.00 | 2,688.81 | 2,600.00 | 2,599.91 | 15.26 | 1.00 | 18.39 | -1,448.20 | -8,236.49 | 7,739.06 | 7,727.27 | 11.79 | 656.564 | | |
| 2,900.00 | 2,781.77 | 2,712.22 | 2,712.12 | 16.01 | 1.03 | 18.50 | -1,447.07 | -8,235.87 | 7,703.22 | 7,690.97 | 12.25 | 628.752 | | |
| 3,000.00 | 2,874.74 | 2,807.84 | 2,807.74 | 16.76 | 1.05 | 18.60 | -1,446.43 | -8,235.17 | 7,667.28 | 7,654.56 | 12.72 | 602.823 | | |
| 3,100.00 | 2,967.71 | 2,871.86 | 2,871.75 | 17.52 | 1.06 | 18.66 | -1,446.01 | -8,234.81 | 7,631.51 | 7,618.32 | 13.19 | 578.454 | | |
| 3,200.00 | 3,060.68 | 3,200.00 | 2,983.49 | 18.27 | 1.13 | 18.77 | -1,445.23 | -8,234.19 | 7,595.75 | 7,582.06 | 13.69 | 554.679 | | |
| 3,300.00 | 3,153.65 | 3,088.26 | 3,088.15 | 19.03 | 1.10 | 18.88 | -1,444.52 | -8,233.27 | 7,559.71 | 7,545.57 | 14.13 | 534.944 | | |
| 3,400.00 | 3,246.61 | 3,157.53 | 3,157.41 | 19.78 | 1.11 | 18.95 | -1,444.20 | -8,232.79 | 7,523.90 | 7,509.30 | 14.61 | 515.083 | | |
| 3,500.00 | 3,339.58 | 3,223.48 | 3,223.36 | 20.54 | 1.12 | 19.01 | -1,444.41 | -8,232.48 | 7,488.43 | 7,473.34 | 15.09 | 496.369 | | |
| 3,600.00 | 3,432.55 | 3,286.06 | 3,285.94 | 21.30 | 1.12 | 19.07 | -1,444.93 | -8,232.40 | 7,453.33 | 7,437.76 | 15.57 | 478.639 | | |
| 3,700.00 | 3,525.52 | 3,369.43 | 3,369.30 | 22.06 | 1.13 | 19.14 | -1,445.84 | -8,232.51 | 7,418.53 | 7,402.47 | 16.06 | 462.017 | | |
| 3,800.00 | 3,618.49 | 3,483.46 | 3,483.32 | 22.82 | 1.15 | 19.25 | -1,447.02 | -8,232.59 | 7,383.70 | 7,367.16 | 16.54 | 446.546 | | |
| 3,900.00 | 3,711.45 | 3,573.11 | 3,572.97 | 23.57 | 1.16 | 19.33 | -1,448.06 | -8,232.47 | 7,348.69 | 7,331.67 | 17.02 | 431.751 | | |
| 4,000.00 | 3,804.42 | 3,646.70 | 3,646.55 | 24.33 | 1.17 | 19.39 | -1,449.11 | -8,232.46 | 7,313.84 | 7,296.33 | 17.51 | 417.638 | | |
| 4,100.00 | 3,897.39 | 3,717.19 | 3,717.03 | 25.09 | 1.18 | 19.46 | -1,450.13 | -8,232.68 | 7,279.32 | 7,261.31 | 18.01 | 404.243 | | |
| 4,200.00 | 3,990.36 | 3,793.79 | 3,793.63 | 25.86 | 1.19 | 19.53 | -1,451.21 | -8,233.13 | 7,245.05 | 7,226.55 | 18.50 | 391.569 | | |
| 4,300.00 | 4,083.32 | 3,882.58 | 3,882.40 | 26.62 | 1.21 | 19.61 | -1,452.41 | -8,233.80 | 7,210.94 | 7,191.94 | 19.00 | 379.606 | | |
| 4,400.00 | 4,176.29 | 3,955.08 | 3,954.89 | 27.38 | 1.22 | 19.68 | -1,453.35 | -8,234.45 | 7,176.98 | 7,157.49 | 19.50 | 368.110 | | |
| 4,500.00 | 4,269.26 | 4,020.72 | 4,020.53 | 28.14 | 1.24 | 19.74 | -1,454.26 | -8,235.26 | 7,143.37 | 7,123.37 | 20.00 | 357.121 | | |
| 4,600.00 | 4,362.23 | 4,081.14 | 4,080.93 | 28.90 | 1.25 | 19.80 | -1,455.13 | -8,236.28 | 7,110.19 | 7,089.68 | 20.51 | 346.619 | | |
| 4,700.00 | 4,455.20 | 4,132.58 | 4,132.35 | 29.66 | 1.26 | 19.85 | -1,455.91 | -8,237.40 | 7,077.51 | 7,056.48 | 21.03 | 336.553 | | |
| 4,800.00 | 4,548.16 | 4,180.08 | 4,179.82 | 30.43 | 1.27 | 19.90 | -1,456.67 | -8,238.75 | 7,045.45 | 7,023.90 | 21.55 | 326.936 | | |
| 4,900.00 | 4,641.13 | 4,242.99 | 4,242.69 | 31.19 | 1.29 | 19.96 | -1,457.65 | -8,240.93 | 7,013.97 | 6,991.90 | 22.07 | 317.847 | | |
| 5,000.00 | 4,734.10 | 4,330.35 | 4,329.98 | 31.95 | 1.31 | 20.05 | -1,458.63 | -8,244.26 | 6,982.79 | 6,960.22 | 22.58 | 309.287 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,459.88 | 4,459.43 | 32.71 | 1.34 | 20.19 | -1,459.51 | -8,248.88 | 6,951.37 | 6,928.29 | 23.07 | 301.289 | | |
| 5,200.00 | 4,920.04 | 4,545.04 | 4,544.53 | 33.48 | 1.36 | 20.28 | -1,460.39 | -8,251.63 | 6,919.70 | 6,896.11 | 23.59 | 293.376 | | |
| 5,300.00 | 5,013.00 | 4,640.14 | 4,639.57 | 34.24 | 1.38 | 20.38 | -1,461.23 | -8,255.05 | 6,888.36 | 6,864.26 | 24.10 | 285.842 | | |
| 5,400.00 | 5,105.97 | 4,902.81 | 4,902.15 | 35.00 | 1.44 | 20.69 | -1,460.30 | -8,261.26 | 6,855.84 | 6,831.31 | 24.53 | 279.445 | | |
| 5,500.00 | 5,198.94 | 5,018.73 | 5,018.07 | 35.77 | 1.47 | 20.84 | -1,459.61 | -8,262.34 | 6,821.92 | 6,796.89 | 25.04 | 272.487 | | |
| 5,600.00 | 5,291.91 | 5,123.11 | 5,122.44 | 36.53 | 1.49 | 20.96 | -1,459.29 | -8,263.02 | 6,787.79 | 6,762.24 | 25.54 | 265.723 | | |
| 5,700.00 | 5,384.87 | 5,228.70 | 5,228.03 | 37.29 | 1.52 | 21.09 | -1,458.86 | -8,263.57 | 6,753.55 | 6,727.50 | 26.05 | 259.237 | | |
| 5,800.00 | 5,477.84 | 5,338.40 | 5,337.73 | 38.06 | 1.54 | 21.23 | -1,458.21 | -8,263.83 | 6,719.04 | 6,692.49 | 26.55 | 253.052 | | |
| 5,900.00 | 5,570.81 | 5,423.30 | 5,422.63 | 38.82 | 1.55 | 21.34 | -1,458.08 | -8,263.97 | 6,684.55 | 6,657.48 | 27.07 | 246.930 | | |
| 6,000.00 | 5,663.78 | 5,505.89 | 5,505.22 | 39.59 | 1.57 | 21.44 | -1,458.12 | -8,264.23 | 6,650.24 | 6,622.64 | 27.60 | 240.957 | | |
| 6,100.00 | 5,756.75 | 5,620.05 | 5,619.38 | 40.35 | 1.60 | 21.58 | -1,458.10 | -8,264.49 | 6,615.86 | 6,587.75 | 28.11 | 235.370 | | |
| 6,200.00 | 5,849.71 | 5,692.43 | 5,691.77 | 41.12 | 1.62 | 21.67 | -1,458.09 | -8,264.71 | 6,581.56 | 6,552.91 | 28.65 | 229.748 | | |
| 6,300.00 | 5,942.68 | 5,778.37 | 5,777.70 | 41.88 | 1.64 | 21.78 | -1,457.93 | -8,265.10 | 6,547.43 | 6,518.26 | 29.18 | 224.405 | | |
| 6,400.00 | 6,035.65 | 5,862.41 | 5,861.74 | 42.64 | 1.66 | 21.89 | -1,457.67 | -8,265.59 | 6,513.44 | 6,483.73 | 29.71 | 219.241 | | |
| 6,500.00 | 6,128.62 | 5,943.58 | 5,942.91 | 43.41 | 1.68 | 21.99 | -1,457.86 | -8,266.16 | 6,479.62 | 6,449.37 | 30.25 | 214.227 | | |
| 6,600.00 | 6,221.59 | 6,026.63 | 6,025.95 | 44.17 | 1.70 | 22.10 | -1,458.18 | -8,266.89 | 6,446.01 | 6,415.22 | 30.79 | 209.379 | | |
| 6,700.00 | 6,314.55 | 6,132.87 | 6,132.19 | 44.94 | 1.72 | 22.24 | -1,458.01 | -8,267.92 | 6,412.47 | 6,381.16 | 31.31 | 204.798 | | |
| 6,800.00 | 6,407.52 | 6,277.60 | 6,276.92 | 45.70 | 1.75 | 22.44 | -1,457.90 | -8,268.40 | 6,378.35 | 6,346.56 | 31.79 | 200.627 | | |
| 6,900.00 | 6,499.98 | 6,364.74 | 6,364.06 | 46.49 | 1.75 | 18.30 | -1,457.84 | -8,268.36 | 6,342.56 | 6,310.24 | 32.31 | 196.277 | | |
| 7,000.00 | 6,586.50 | 6,443.80 | 6,443.12 | 47.49 | 1.76 | 11.75 | -1,457.94 | -8,268.45 | 6,294.01 | 6,261.16 | 32.85 | 191.603 | | |
| 7,100.00 | 6,663.58 | 6,518.41 | 6,517.73 | 48.75 | 1.77 | 7.64 | -1,457.94 | -8,268.59 | 6,231.16 | 6,197.82 | 33.35 | 186.857 | | |
| 7,200.00 | 6,728.87 | 6,580.21 | 6,579.52 | 50.23 | 1.79 | 4.27 | -1,457.80 | -8,268.74 | 6,155.91 | 6,122.14 | 33.77 | 182.288 | | |
| 7,300.00 | 6,780.38 | 6,642.44 | 6,641.76 | 51.91 | 1.79 | 0.43 | -1,457.61 | -8,268.89 | 6,070.49 | 6,036.42 | 34.07 | 178.203 | | |
| 7,400.00 | 6,816.56 | 6,692.13 | 6,691.45 | 53.74 | 1.79 | -6.42 | -1,457.66 | -8,268.88 | 5,977.40 | 5,943.17 | 34.23 | 174.637 | | |
| 7,500.00 | 6,836.29 | 6,718.80 | 6,718.12 | 55.65 | 1.79 | -29.99 | -1,457.77 | -8,268.82 | 5,879.57 | 5,845.30 | 34.27 | 171.578 | | |
| 7,600.00 | 6,840.00 | 6,713.96 | 6,713.27 | 57.58 | 1.79 | -90.74 | -1,457.74 | -8,268.84 | 5,780.02 | 5,745.80 | 34.21 | 168.934 | | |
| 7,700.00 | 6,840.00 | 6,713.84 | 6,713.16 | 59.56 | 1.79 | -90.72 | -1,457.74 | -8,268.84 | 5,680.38 | 5,646.26 | 34.12 | 166.476 | | |
| 7,800.00 | 6,840.00 | 6,713.73 | 6,713.04 | 61.60 | 1.79 | -90.71 | -1,457.74 | -8,268.84 | 5,580.76 | 5,546.73 | 34.03 | 164.008 | | |
| 7,900.00 | 6,840.00 | 6,713.61 | 6,712.93 | 63.69 | 1.79 | -90.70 | -1,457.74 | -8,268.84 | 5,481.15 | 5,447.22 | 33.93 | 161.530 | | |
| 8,000.00 | 6,840.00 | 6,713.49 | 6,712.81 | 65.82 | 1.79 | -90.68 | -1,457.74 | -8,268.84 | 5,381.55 | 5,347.72 | 33.84 | 159.041 | | |
| 8,100.00 | 6,840.00 | 6,713.38 | 6,712.69 | 67.99 | 1.79 | -90.67 | -1,457.74 | -8,268.84 | 5,281.97 | 5,248.23 | 33.74 | 156.540 | | |
| 8,200.00 | 6,840.00 | 6,713.26 | 6,712.57 | 70.21 | 1.79 | -90.65 | -1,457.74 | -8,268.84 | 5,182.41 | 5,148.76 | 33.65 | 154.025 | | |
| 8,300.00 | 6,840.00 | 6,720.53 | 6,719.84 | 72.45 | 1.79 | -91.51 | -1,457.78 | -8,268.81 | 5,082.85 | 5,049.32 | 33.53 | 151.580 | | |
| 8,400.00 | 6,840.00 | 6,720.14 | 6,719.45 | 74.73 | 1.79 | -91.46 | -1,457.78 | -8,268.82 | 4,983.33 | 4,949.89 | 33.44 | 149.037 | | |
| 8,500.00 | 6,840.00 | 6,719.75 | 6,719.07 | 77.04 | 1.79 | -91.42 | -1,457.78 | -8,268.82 | 4,883.82 | 4,850.48 | 33.34 | 146.477 | | |
| 8,600.00 | 6,840.00 | 6,719.37 | 6,718.69 | 79.38 | 1.79 | -91.37 | -1,457.78 | -8,268.82 | 4,784.33 | 4,751.08 | 33.25 | 143.900 | | |
| 8,700.00 | 6,840.00 | 6,719.00 | 6,718.31 | 81.74 | 1.79 | -91.33 | -1,457.78 | -8,268.82 | 4,684.86 | 4,651.71 | 33.15 | 141.302 | | |
| 8,800.00 | 6,840.00 | 6,718.63 | 6,717.94 | 84.12 | 1.79 | -91.28 | -1,457.77 | -8,268.82 | 4,585.42 | 4,552.36 | 33.06 | 138.684 | | |
| 8,900.00 | 6,840.00 | 6,718.26 | 6,717.57 | 86.52 | 1.79 | -91.24 | -1,457.77 | -8,268.82 | 4,486.00 | 4,453.03 | 32.98 | 136.042 | | |
| 9,000.00 | 6,840.00 | 6,717.90 | 6,717.21 | 88.94 | 1.79 | -91.20 | -1,457.77 | -8,268.82 | 4,386.61 | 4,353.72 | 32.89 | 133.374 | | |
| 9,100.00 | 6,840.00 | 6,717.54 | 6,716.86 | 91.38 | 1.79 | -91.16 | -1,457.77 | -8,268.82 | 4,287.25 | 4,254.44 | 32.81 | 130.679 | | |
| 9,200.00 | 6,840.00 | 6,717.19 | 6,716.50 | 93.83 | 1.79 | -91.11 | -1,457.77 | -8,268.82 | 4,187.91 | 4,155.18 | 32.73 | 127.953 | | |
| 9,300.00 | 6,840.00 | 6,716.84 | 6,716.16 | 96.30 | 1.79 | -91.07 | -1,457.76 | -8,268.83 | 4,088.61 | 4,055.96 | 32.66 | 125.193 | | |
| 9,400.00 | 6,840.00 | 6,716.50 | 6,715.81 | 98.79 | 1.79 | -91.03 | -1,457.76 | -8,268.83 | 3,989.35 | 3,956.75 | 32.59 | 122.397 | | |
| 9,500.00 | 6,840.00 | 6,716.16 | 6,715.47 | 101.28 | 1.79 | -90.99 | -1,457.76 | -8,268.83 | 3,890.12 | 3,857.58 | 32.54 | 119.560 | | |
| 9,600.00 | 6,840.00 | 6,715.82 | 6,715.14 | 103.79 | 1.79 | -90.95 | -1,457.76 | -8,268.83 | 3,790.93 | 3,758.44 | 32.49 | 116.678 | | |
| 9,700.00 | 6,840.00 | 6,715.49 | 6,714.81 | 106.30 | 1.79 | -90.92 | -1,457.76 | -8,268.83 | 3,691.79 | 3,659.33 | 32.46 | 113.748 | | |
| 9,800.00 | 6,840.00 | 6,715.17 | 6,714.48 | 108.83 | 1.79 | -90.88 | -1,457.76 | -8,268.83 | 3,592.69 | 3,560.26 | 32.44 | 110.764 | | |
| 9,900.00 | 6,840.00 | 6,714.84 | 6,714.16 | 111.37 | 1.79 | -90.84 | -1,457.75 | -8,268.83 | 3,493.65 | 3,461.22 | 32.43 | 107.722 | | |
| 10,000.00 | 6,840.00 | 6,714.52 | 6,713.84 | 113.91 | 1.79 | -90.80 | -1,457.75 | -8,268.83 | 3,394.66 | 3,362.21 | 32.45 | 104.615 | | |
| 10,100.00 | 6,840.00 | 6,714.21 | 6,713.52 | 116.47 | 1.79 | -90.77 | -1,457.75 | -8,268.83 | 3,295.73 | 3,263.24 | 32.49 | 101.439 | | |
| 10,200.00 | 6,840.00 | 6,713.90 | 6,713.21 | 119.03 | 1.79 | -90.73 | -1,457.75 | -8,268.83 | 3,196.87 | 3,164.31 | 32.56 | 98.188 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,713.59 | 6,712.90 | 121.59 | 1.79 | -90.69 | -1,457.75 | -8,268.83 | 3,098.08 | 3,065.42 | 32.66 | 94.856 | | |
| 10,400.00 | 6,840.00 | 6,713.29 | 6,712.60 | 124.17 | 1.79 | -90.66 | -1,457.75 | -8,268.83 | 2,999.37 | 2,966.57 | 32.80 | 91.438 | | |
| 10,500.00 | 6,840.00 | 6,712.99 | 6,712.30 | 126.75 | 1.79 | -90.62 | -1,457.75 | -8,268.84 | 2,900.75 | 2,867.76 | 32.99 | 87.927 | | |
| 10,600.00 | 6,840.00 | 6,712.69 | 6,712.00 | 129.34 | 1.79 | -90.59 | -1,457.74 | -8,268.84 | 2,802.23 | 2,769.00 | 33.23 | 84.320 | | |
| 10,700.00 | 6,840.00 | 6,712.39 | 6,711.71 | 131.93 | 1.79 | -90.55 | -1,457.74 | -8,268.84 | 2,703.82 | 2,670.28 | 33.54 | 80.614 | | |
| 10,800.00 | 6,840.00 | 6,712.10 | 6,711.42 | 134.53 | 1.79 | -90.52 | -1,457.74 | -8,268.84 | 2,605.53 | 2,571.61 | 33.92 | 76.807 | | |
| 10,900.00 | 6,840.00 | 6,711.82 | 6,711.13 | 137.13 | 1.79 | -90.48 | -1,457.74 | -8,268.84 | 2,507.37 | 2,472.98 | 34.39 | 72.900 | | |
| 11,000.00 | 6,840.00 | 6,711.53 | 6,710.85 | 139.73 | 1.79 | -90.45 | -1,457.74 | -8,268.84 | 2,409.37 | 2,374.39 | 34.97 | 68.896 | | |
| 11,100.00 | 6,840.00 | 6,711.25 | 6,710.57 | 142.35 | 1.79 | -90.42 | -1,457.74 | -8,268.84 | 2,311.53 | 2,275.86 | 35.67 | 64.804 | | |
| 11,200.00 | 6,840.00 | 6,710.98 | 6,710.29 | 144.96 | 1.79 | -90.39 | -1,457.74 | -8,268.84 | 2,213.89 | 2,177.38 | 36.51 | 60.635 | | |
| 11,300.00 | 6,840.00 | 6,710.70 | 6,710.01 | 147.58 | 1.79 | -90.35 | -1,457.73 | -8,268.84 | 2,116.47 | 2,078.95 | 37.52 | 56.406 | | |
| 11,400.00 | 6,840.00 | 6,710.43 | 6,709.74 | 150.20 | 1.79 | -90.32 | -1,457.73 | -8,268.84 | 2,019.30 | 1,980.57 | 38.73 | 52.139 | | |
| 11,500.00 | 6,840.00 | 6,710.16 | 6,709.48 | 152.83 | 1.79 | -90.29 | -1,457.73 | -8,268.84 | 1,922.42 | 1,882.26 | 40.17 | 47.861 | | |
| 11,600.00 | 6,840.00 | 6,709.90 | 6,709.21 | 155.46 | 1.79 | -90.26 | -1,457.73 | -8,268.84 | 1,825.88 | 1,784.01 | 41.87 | 43.604 | | |
| 11,700.00 | 6,840.00 | 6,709.63 | 6,708.95 | 158.09 | 1.79 | -90.23 | -1,457.73 | -8,268.84 | 1,729.73 | 1,685.83 | 43.90 | 39.403 | | |
| 11,800.00 | 6,840.00 | 6,709.37 | 6,708.69 | 160.73 | 1.79 | -90.20 | -1,457.73 | -8,268.84 | 1,634.04 | 1,587.75 | 46.29 | 35.297 | | |
| 11,900.00 | 6,840.00 | 6,709.12 | 6,708.43 | 163.36 | 1.79 | -90.17 | -1,457.73 | -8,268.85 | 1,538.91 | 1,489.78 | 49.13 | 31.324 | | |
| 12,000.00 | 6,840.00 | 6,708.86 | 6,708.18 | 166.01 | 1.79 | -90.14 | -1,457.73 | -8,268.85 | 1,444.43 | 1,391.95 | 52.48 | 27.524 | | |
| 12,100.00 | 6,840.00 | 6,708.61 | 6,707.93 | 168.65 | 1.79 | -90.11 | -1,457.73 | -8,268.85 | 1,350.74 | 1,294.30 | 56.44 | 23.932 | | |
| 12,200.00 | 6,840.00 | 6,708.36 | 6,707.68 | 171.30 | 1.79 | -90.08 | -1,457.72 | -8,268.85 | 1,258.03 | 1,196.89 | 61.13 | 20.578 | | |
| 12,300.00 | 6,840.00 | 6,708.12 | 6,707.43 | 173.94 | 1.79 | -90.05 | -1,457.72 | -8,268.85 | 1,166.52 | 1,099.81 | 66.70 | 17.488 | | |
| 12,400.00 | 6,840.00 | 6,707.87 | 6,707.19 | 176.59 | 1.79 | -90.02 | -1,457.72 | -8,268.85 | 1,076.52 | 1,003.20 | 73.32 | 14.683 | | |
| 12,500.00 | 6,840.00 | 6,707.63 | 6,706.95 | 179.25 | 1.79 | -89.99 | -1,457.72 | -8,268.85 | 988.44 | 907.24 | 81.20 | 12.173 | | |
| 12,600.00 | 6,840.00 | 6,707.39 | 6,706.71 | 181.90 | 1.79 | -89.97 | -1,457.72 | -8,268.85 | 902.86 | 812.26 | 90.60 | 9.966 | | |
| 12,700.00 | 6,840.00 | 6,707.16 | 6,706.47 | 184.56 | 1.79 | -89.94 | -1,457.72 | -8,268.85 | 820.54 | 718.75 | 101.79 | 8.061 | | |
| 12,800.00 | 6,840.00 | 6,706.93 | 6,706.24 | 187.22 | 1.79 | -89.91 | -1,457.72 | -8,268.85 | 742.57 | 627.52 | 115.05 | 6.454 | | |
| 12,900.00 | 6,840.00 | 6,706.69 | 6,706.01 | 189.88 | 1.79 | -89.88 | -1,457.72 | -8,268.85 | 670.48 | 539.95 | 130.53 | 5.137 | | |
| 13,000.00 | 6,840.00 | 6,706.47 | 6,705.78 | 192.54 | 1.79 | -89.86 | -1,457.72 | -8,268.85 | 606.36 | 458.32 | 148.04 | 4.096 | | |
| 13,100.00 | 6,840.00 | 6,706.29 | 6,705.60 | 195.20 | 1.79 | -89.84 | -1,457.71 | -8,268.85 | 552.99 | 386.30 | 166.69 | 3.317 | | |
| 13,200.00 | 6,840.00 | 6,706.12 | 6,705.43 | 197.87 | 1.79 | -89.82 | -1,457.71 | -8,268.85 | 513.74 | 329.31 | 184.43 | 2.786 | | |
| 13,300.00 | 6,840.00 | 6,705.95 | 6,705.26 | 200.53 | 1.79 | -89.80 | -1,457.71 | -8,268.85 | 492.00 | 293.86 | 198.13 | 2.483 | | |
| 13,359.35 | 6,840.00 | 6,705.84 | 6,705.16 | 202.12 | 1.79 | -89.78 | -1,457.71 | -8,268.85 | 488.41 | 285.35 | 203.06 | 2.405 CC | | |
| 13,400.00 | 6,840.00 | 6,705.77 | 6,705.09 | 203.20 | 1.79 | -89.78 | -1,457.71 | -8,268.85 | 490.09 | 285.31 | 204.79 | 2.393 ES, SF | | |
| 13,500.00 | 6,840.00 | 6,705.60 | 6,704.91 | 205.87 | 1.79 | -89.75 | -1,457.71 | -8,268.86 | 508.25 | 304.82 | 203.43 | 2.498 | | |
| 13,600.00 | 6,840.00 | 6,705.42 | 6,704.73 | 208.54 | 1.79 | -89.73 | -1,457.71 | -8,268.86 | 544.47 | 348.77 | 195.71 | 2.782 | | |
| 13,700.00 | 6,840.00 | 6,705.24 | 6,704.56 | 211.22 | 1.79 | -89.71 | -1,457.71 | -8,268.86 | 595.47 | 411.02 | 184.45 | 3.228 | | |
| 13,800.00 | 6,840.00 | 6,705.06 | 6,704.38 | 213.89 | 1.79 | -89.69 | -1,457.71 | -8,268.86 | 657.81 | 485.70 | 172.11 | 3.822 | | |
| 13,900.00 | 6,840.00 | 6,704.88 | 6,704.20 | 216.56 | 1.79 | -89.67 | -1,457.71 | -8,268.86 | 728.59 | 568.43 | 160.16 | 4.549 | | |
| 14,000.00 | 6,840.00 | 6,704.70 | 6,704.01 | 219.24 | 1.79 | -89.65 | -1,457.71 | -8,268.86 | 805.59 | 656.32 | 149.26 | 5.397 | | |
| 14,100.00 | 6,840.00 | 6,704.52 | 6,703.83 | 221.92 | 1.79 | -89.63 | -1,457.71 | -8,268.86 | 887.19 | 747.56 | 139.63 | 6.354 | | |
| 14,200.00 | 6,840.00 | 6,704.33 | 6,703.65 | 224.59 | 1.79 | -89.61 | -1,457.71 | -8,268.86 | 972.23 | 841.01 | 131.21 | 7.409 | | |
| 14,300.00 | 6,840.00 | 6,704.14 | 6,703.46 | 227.27 | 1.79 | -89.58 | -1,457.71 | -8,268.86 | 1,059.89 | 935.98 | 123.91 | 8.554 | | |
| 14,400.00 | 6,840.00 | 6,703.96 | 6,703.27 | 229.95 | 1.79 | -89.56 | -1,457.71 | -8,268.86 | 1,149.56 | 1,031.99 | 117.56 | 9.778 | | |
| 14,500.00 | 6,840.00 | 6,703.77 | 6,703.08 | 232.63 | 1.79 | -89.54 | -1,457.70 | -8,268.86 | 1,240.81 | 1,128.77 | 112.04 | 11.075 | | |
| 14,600.00 | 6,840.00 | 6,703.57 | 6,702.89 | 235.31 | 1.79 | -89.52 | -1,457.70 | -8,268.86 | 1,333.32 | 1,226.11 | 107.21 | 12.437 | | |
| 14,700.00 | 6,840.00 | 6,703.38 | 6,702.70 | 238.00 | 1.79 | -89.50 | -1,457.70 | -8,268.86 | 1,426.84 | 1,323.88 | 102.96 | 13.858 | | |
| 14,800.00 | 6,840.00 | 6,703.19 | 6,702.50 | 240.68 | 1.79 | -89.47 | -1,457.70 | -8,268.86 | 1,521.18 | 1,421.97 | 99.21 | 15.332 | | |
| 14,900.00 | 6,840.00 | 6,702.99 | 6,702.30 | 243.36 | 1.79 | -89.45 | -1,457.70 | -8,268.86 | 1,616.21 | 1,520.32 | 95.89 | 16.855 | | |
| 15,000.00 | 6,840.00 | 6,702.79 | 6,702.11 | 246.05 | 1.79 | -89.43 | -1,457.70 | -8,268.86 | 1,711.80 | 1,618.87 | 92.93 | 18.421 | | |
| 15,100.00 | 6,840.00 | 6,702.59 | 6,701.91 | 248.74 | 1.79 | -89.40 | -1,457.70 | -8,268.86 | 1,807.87 | 1,717.59 | 90.28 | 20.026 | | |
| 15,200.00 | 6,840.00 | 6,702.39 | 6,701.70 | 251.42 | 1.79 | -89.38 | -1,457.70 | -8,268.86 | 1,904.34 | 1,816.45 | 87.89 | 21.667 | | |
| 15,300.00 | 6,840.00 | 6,702.19 | 6,701.50 | 254.11 | 1.79 | -89.35 | -1,457.70 | -8,268.86 | 2,001.16 | 1,915.42 | 85.74 | 23.340 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,400.00 | 6,840.00 | 6,701.98 | 6,701.30 | 256.80 | 1.79 | -89.33 | -1,457.70 | -8,268.86 | 2,098.28 | 2,014.49 | 83.79 | 25.042 | | |
| 15,500.00 | 6,840.00 | 6,701.77 | 6,701.09 | 259.49 | 1.79 | -89.31 | -1,457.70 | -8,268.86 | 2,195.66 | 2,113.64 | 82.02 | 26.770 | | |
| 15,600.00 | 6,840.00 | 6,701.57 | 6,700.88 | 262.17 | 1.79 | -89.28 | -1,457.70 | -8,268.86 | 2,293.26 | 2,212.85 | 80.40 | 28.522 | | |
| 15,700.00 | 6,840.00 | 6,701.36 | 6,700.67 | 264.86 | 1.79 | -89.26 | -1,457.70 | -8,268.86 | 2,391.06 | 2,312.13 | 78.93 | 30.295 | | |
| 15,800.00 | 6,840.00 | 6,701.14 | 6,700.46 | 267.55 | 1.79 | -89.23 | -1,457.70 | -8,268.86 | 2,489.03 | 2,411.46 | 77.57 | 32.088 | | |
| 15,900.00 | 6,840.00 | 6,700.93 | 6,700.24 | 270.25 | 1.79 | -89.21 | -1,457.69 | -8,268.86 | 2,587.16 | 2,510.84 | 76.32 | 33.898 | | |
| 16,000.00 | 6,840.00 | 6,700.71 | 6,700.03 | 272.94 | 1.79 | -89.18 | -1,457.69 | -8,268.86 | 2,685.43 | 2,610.26 | 75.17 | 35.724 | | |
| 16,100.00 | 6,840.00 | 6,700.49 | 6,699.81 | 275.63 | 1.79 | -89.16 | -1,457.69 | -8,268.86 | 2,783.82 | 2,709.72 | 74.11 | 37.565 | | |
| 16,200.00 | 6,840.00 | 6,700.27 | 6,699.59 | 278.32 | 1.79 | -89.13 | -1,457.69 | -8,268.87 | 2,882.32 | 2,809.20 | 73.12 | 39.417 | | |
| 16,300.00 | 6,840.00 | 6,700.05 | 6,699.36 | 281.02 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 2,980.93 | 2,908.72 | 72.21 | 41.282 | | |
| 16,400.00 | 6,840.00 | 6,699.87 | 6,699.19 | 283.71 | 1.79 | -89.08 | -1,457.69 | -8,268.87 | 3,079.62 | 3,008.26 | 71.36 | 43.156 | | |
| 16,500.00 | 6,840.00 | 6,699.71 | 6,699.02 | 286.40 | 1.79 | -89.06 | -1,457.69 | -8,268.87 | 3,178.39 | 3,107.82 | 70.57 | 45.039 | | |
| 16,600.00 | 6,840.00 | 6,699.54 | 6,698.86 | 289.10 | 1.79 | -89.04 | -1,457.69 | -8,268.87 | 3,277.24 | 3,207.41 | 69.83 | 46.931 | | |
| 16,700.00 | 6,840.00 | 6,699.38 | 6,698.70 | 291.79 | 1.79 | -89.03 | -1,457.69 | -8,268.87 | 3,376.16 | 3,307.01 | 69.14 | 48.829 | | |
| 16,800.00 | 6,840.00 | 6,699.22 | 6,698.54 | 294.49 | 1.79 | -89.01 | -1,457.69 | -8,268.87 | 3,475.13 | 3,406.64 | 68.50 | 50.734 | | |
| 16,900.00 | 6,840.00 | 6,700.00 | 6,699.31 | 297.19 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 3,574.17 | 3,506.27 | 67.90 | 52.640 | | |
| 17,000.00 | 6,840.00 | 6,700.00 | 6,699.31 | 299.88 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 3,673.26 | 3,605.92 | 67.33 | 54.553 | | |
| 17,100.00 | 6,840.00 | 6,700.00 | 6,699.31 | 302.58 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 3,772.39 | 3,705.59 | 66.80 | 56.471 | | |
| 17,200.00 | 6,840.00 | 6,700.00 | 6,699.31 | 305.28 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 3,871.57 | 3,805.27 | 66.30 | 58.392 | | |
| 17,300.00 | 6,840.00 | 6,700.00 | 6,699.31 | 307.97 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 3,970.79 | 3,904.96 | 65.83 | 60.316 | | |
| 17,400.00 | 6,840.00 | 6,700.00 | 6,699.31 | 310.67 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 4,070.05 | 4,004.66 | 65.39 | 62.242 | | |
| 17,500.00 | 6,840.00 | 6,700.00 | 6,699.31 | 313.37 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 4,169.35 | 4,104.37 | 64.97 | 64.169 | | |
| 17,600.00 | 6,840.00 | 6,700.00 | 6,699.31 | 316.07 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 4,268.67 | 4,204.09 | 64.58 | 66.098 | | |
| 17,700.00 | 6,840.00 | 6,700.00 | 6,699.31 | 318.77 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 4,368.03 | 4,303.82 | 64.21 | 68.027 | | |
| 17,800.00 | 6,840.00 | 6,700.00 | 6,699.31 | 321.47 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 4,467.42 | 4,403.56 | 63.86 | 69.957 | | |
| 17,900.00 | 6,840.00 | 6,700.00 | 6,699.31 | 324.17 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 4,566.83 | 4,503.31 | 63.53 | 71.887 | | |
| 18,000.00 | 6,840.00 | 6,700.00 | 6,699.31 | 326.87 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 4,666.27 | 4,603.06 | 63.21 | 73.816 | | |
| 18,100.00 | 6,840.00 | 6,700.00 | 6,699.31 | 329.57 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 4,765.73 | 4,702.82 | 62.92 | 75.745 | | |
| 18,200.00 | 6,840.00 | 6,700.00 | 6,699.31 | 332.27 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 4,865.22 | 4,802.58 | 62.64 | 77.672 | | |
| 18,300.00 | 6,840.00 | 6,700.00 | 6,699.31 | 334.97 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 4,964.72 | 4,902.35 | 62.37 | 79.598 | | |
| 18,400.00 | 6,840.00 | 6,700.00 | 6,699.31 | 337.67 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 5,064.25 | 5,002.13 | 62.12 | 81.523 | | |
| 18,500.00 | 6,840.00 | 6,700.00 | 6,699.31 | 340.38 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 5,163.79 | 5,101.91 | 61.88 | 83.446 | | |
| 18,600.00 | 6,840.00 | 6,700.00 | 6,699.31 | 343.08 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 5,263.35 | 5,201.69 | 61.66 | 85.366 | | |
| 18,700.00 | 6,840.00 | 6,700.00 | 6,699.31 | 345.78 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 5,362.93 | 5,301.48 | 61.44 | 87.284 | | |
| 18,800.00 | 6,840.00 | 6,700.00 | 6,699.31 | 348.48 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 5,462.52 | 5,401.28 | 61.24 | 89.200 | | |
| 18,900.00 | 6,840.00 | 6,700.00 | 6,699.31 | 351.19 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 5,562.13 | 5,501.08 | 61.05 | 91.112 | | |
| 19,000.00 | 6,840.00 | 6,700.00 | 6,699.31 | 353.89 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 5,661.75 | 5,600.88 | 60.86 | 93.022 | | |
| 19,100.00 | 6,840.00 | 6,700.00 | 6,699.31 | 356.59 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 5,761.38 | 5,700.69 | 60.69 | 94.929 | | |
| 19,200.00 | 6,840.00 | 6,700.00 | 6,699.31 | 359.30 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 5,861.03 | 5,800.50 | 60.53 | 96.832 | | |
| 19,300.00 | 6,840.00 | 6,700.00 | 6,699.31 | 362.00 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 5,960.68 | 5,900.31 | 60.37 | 98.732 | | |
| 19,400.00 | 6,840.00 | 6,700.00 | 6,699.31 | 364.71 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 6,060.35 | 6,000.13 | 60.23 | 100.628 | | |
| 19,500.00 | 6,840.00 | 6,700.00 | 6,699.31 | 367.41 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 6,160.03 | 6,099.95 | 60.09 | 102.520 | | |
| 19,600.00 | 6,840.00 | 6,700.00 | 6,699.31 | 370.11 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 6,259.72 | 6,199.77 | 59.95 | 104.409 | | |
| 19,700.00 | 6,840.00 | 6,700.00 | 6,699.31 | 372.82 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 6,359.42 | 6,299.59 | 59.83 | 106.293 | | |
| 19,800.00 | 6,840.00 | 6,700.00 | 6,699.31 | 375.53 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 6,459.13 | 6,399.42 | 59.71 | 108.173 | | |
| 19,900.00 | 6,840.00 | 6,700.00 | 6,699.31 | 378.23 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 6,558.85 | 6,499.25 | 59.60 | 110.049 | | |
| 20,000.00 | 6,840.00 | 6,700.00 | 6,699.31 | 380.94 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 6,658.58 | 6,599.08 | 59.49 | 111.920 | | |
| 20,100.00 | 6,840.00 | 6,700.00 | 6,699.31 | 383.64 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 6,758.31 | 6,698.92 | 59.39 | 113.787 | | |
| 20,200.00 | 6,840.00 | 6,700.00 | 6,699.31 | 386.35 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 6,858.05 | 6,798.75 | 59.30 | 115.650 | | |
| 20,300.00 | 6,840.00 | 6,700.00 | 6,699.31 | 389.05 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 6,957.80 | 6,898.59 | 59.21 | 117.507 | | |
| 20,400.00 | 6,840.00 | 6,700.00 | 6,699.31 | 391.76 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 7,057.56 | 6,998.43 | 59.13 | 119.360 | | |
| 20,442.82 | 6,840.00 | 6,700.00 | 6,699.31 | 392.92 | 1.79 | -89.10 | -1,457.69 | -8,268.87 | 7,100.27 | 7,041.18 | 59.09 | 120.152 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -102.18 | -1,487.96 | -6,894.97 | 7,054.72 | | | | | |
| 100.00 | 100.00 | 0.00 | 0.00 | 0.13 | 0.00 | -102.18 | -1,487.96 | -6,894.97 | 7,053.73 | 7,053.59 | 0.13 | N/A | | |
| 120.53 | 120.53 | 0.48 | 0.48 | 0.21 | 0.00 | -102.18 | -1,487.96 | -6,894.97 | 7,053.70 | 7,053.49 | 0.21 | N/A | | |
| 200.00 | 200.00 | 72.30 | 72.30 | 0.49 | 0.08 | -102.18 | -1,487.88 | -6,895.03 | 7,053.74 | 7,053.17 | 0.57 | N/A | | |
| 300.00 | 300.00 | 174.84 | 174.84 | 0.85 | 0.20 | -102.17 | -1,487.57 | -6,895.22 | 7,053.86 | 7,052.81 | 1.05 | 6,704.032 | | |
| 400.00 | 400.00 | 268.85 | 268.85 | 1.21 | 0.29 | -102.17 | -1,487.29 | -6,895.37 | 7,053.95 | 7,052.46 | 1.50 | 4,713.323 | | |
| 500.00 | 500.00 | 373.49 | 373.49 | 1.57 | 0.37 | -102.17 | -1,486.91 | -6,895.62 | 7,054.11 | 7,052.19 | 1.92 | 3,665.312 | | |
| 600.00 | 599.98 | 480.25 | 480.25 | 1.92 | 0.44 | 13.64 | -1,486.29 | -6,895.79 | 7,052.45 | 7,050.12 | 2.33 | 3,024.547 | | |
| 700.00 | 699.84 | 581.52 | 581.52 | 2.26 | 0.50 | 13.68 | -1,485.74 | -6,895.89 | 7,047.35 | 7,044.62 | 2.73 | 2,585.747 | | |
| 800.00 | 799.45 | 681.15 | 681.15 | 2.62 | 0.55 | 13.74 | -1,485.33 | -6,895.96 | 7,038.86 | 7,035.73 | 3.12 | 2,255.867 | | |
| 900.00 | 898.70 | 779.18 | 779.17 | 2.99 | 0.60 | 13.83 | -1,484.99 | -6,896.01 | 7,027.00 | 7,023.48 | 3.52 | 1,998.466 | | |
| 1,000.00 | 997.47 | 874.85 | 874.84 | 3.39 | 0.65 | 13.93 | -1,484.69 | -6,896.09 | 7,011.81 | 7,007.90 | 3.91 | 1,791.683 | | |
| 1,100.00 | 1,095.62 | 970.58 | 970.58 | 3.81 | 0.69 | 14.06 | -1,484.48 | -6,896.19 | 6,993.34 | 6,989.02 | 4.31 | 1,621.759 | | |
| 1,200.00 | 1,193.06 | 1,068.43 | 1,068.42 | 4.27 | 0.71 | 14.22 | -1,484.45 | -6,896.27 | 6,971.56 | 6,966.86 | 4.71 | 1,481.672 | | |
| 1,300.00 | 1,289.64 | 1,160.49 | 1,160.48 | 4.77 | 0.73 | 14.39 | -1,484.54 | -6,896.33 | 6,946.52 | 6,941.41 | 5.11 | 1,359.657 | | |
| 1,400.00 | 1,385.27 | 1,251.69 | 1,251.68 | 5.31 | 0.75 | 14.60 | -1,484.68 | -6,896.46 | 6,918.30 | 6,912.78 | 5.52 | 1,252.299 | | |
| 1,500.00 | 1,479.82 | 1,345.27 | 1,345.26 | 5.91 | 0.77 | 14.83 | -1,484.98 | -6,896.60 | 6,886.90 | 6,880.96 | 5.95 | 1,157.866 | | |
| 1,600.00 | 1,573.19 | 1,437.72 | 1,437.71 | 6.55 | 0.79 | 15.06 | -1,485.33 | -6,896.73 | 6,852.39 | 6,846.01 | 6.38 | 1,073.734 | | |
| 1,700.00 | 1,666.16 | 1,529.37 | 1,529.36 | 7.23 | 0.81 | 15.13 | -1,485.70 | -6,896.88 | 6,816.89 | 6,810.08 | 6.81 | 1,001.191 | | |
| 1,800.00 | 1,759.13 | 1,620.97 | 1,620.96 | 7.93 | 0.84 | 15.21 | -1,486.09 | -6,897.02 | 6,781.40 | 6,774.16 | 7.24 | 936.385 | | |
| 1,900.00 | 1,852.10 | 1,704.83 | 1,704.82 | 8.64 | 0.86 | 15.28 | -1,486.47 | -6,897.24 | 6,746.01 | 6,738.33 | 7.68 | 878.435 | | |
| 2,000.00 | 1,945.06 | 1,793.98 | 1,793.96 | 9.35 | 0.88 | 15.36 | -1,486.84 | -6,897.55 | 6,710.72 | 6,702.59 | 8.12 | 825.999 | | |
| 2,100.00 | 2,038.03 | 1,895.91 | 1,895.89 | 10.08 | 0.91 | 15.44 | -1,487.14 | -6,897.91 | 6,675.41 | 6,666.83 | 8.58 | 778.360 | | |
| 2,200.00 | 2,131.00 | 1,988.87 | 1,988.85 | 10.81 | 0.94 | 15.53 | -1,487.33 | -6,898.19 | 6,640.05 | 6,631.02 | 9.03 | 735.278 | | |
| 2,300.00 | 2,223.97 | 2,111.78 | 2,111.76 | 11.54 | 0.94 | 15.64 | -1,487.44 | -6,898.33 | 6,604.52 | 6,595.06 | 9.46 | 698.505 | | |
| 2,400.00 | 2,316.94 | 2,202.77 | 2,202.76 | 12.28 | 0.96 | 15.72 | -1,487.37 | -6,898.27 | 6,568.80 | 6,558.90 | 9.90 | 663.539 | | |
| 2,500.00 | 2,409.90 | 2,297.52 | 2,297.51 | 13.02 | 0.97 | 15.81 | -1,487.34 | -6,898.18 | 6,533.07 | 6,522.73 | 10.34 | 631.879 | | |
| 2,600.00 | 2,502.87 | 2,377.82 | 2,377.80 | 13.77 | 0.97 | 15.89 | -1,487.36 | -6,898.15 | 6,497.43 | 6,486.66 | 10.78 | 602.821 | | |
| 2,700.00 | 2,595.84 | 2,443.40 | 2,443.39 | 14.51 | 0.98 | 15.95 | -1,487.34 | -6,898.32 | 6,462.07 | 6,450.83 | 11.24 | 575.025 | | |
| 2,800.00 | 2,688.81 | 2,505.47 | 2,505.46 | 15.26 | 1.00 | 16.01 | -1,487.33 | -6,898.81 | 6,427.19 | 6,415.48 | 11.71 | 548.985 | | |
| 2,900.00 | 2,781.77 | 2,595.87 | 2,595.85 | 16.01 | 1.03 | 16.10 | -1,487.25 | -6,899.75 | 6,392.55 | 6,380.37 | 12.18 | 524.868 | | |
| 3,000.00 | 2,874.74 | 2,683.28 | 2,683.25 | 16.76 | 1.06 | 16.19 | -1,487.12 | -6,900.73 | 6,357.99 | 6,345.34 | 12.65 | 502.467 | | |
| 3,100.00 | 2,967.71 | 2,777.40 | 2,777.37 | 17.52 | 1.09 | 16.29 | -1,487.04 | -6,901.83 | 6,323.50 | 6,310.37 | 13.13 | 481.630 | | |
| 3,200.00 | 3,060.68 | 2,873.68 | 2,873.64 | 18.27 | 1.12 | 16.39 | -1,487.11 | -6,902.88 | 6,288.99 | 6,275.38 | 13.61 | 462.187 | | |
| 3,300.00 | 3,153.65 | 3,040.15 | 3,040.10 | 19.03 | 1.14 | 16.55 | -1,487.64 | -6,903.55 | 6,253.87 | 6,239.82 | 14.05 | 445.006 | | |
| 3,400.00 | 3,246.61 | 3,128.20 | 3,128.14 | 19.78 | 1.16 | 16.63 | -1,488.82 | -6,903.22 | 6,218.25 | 6,203.73 | 14.52 | 428.200 | | |
| 3,500.00 | 3,339.58 | 3,200.00 | 3,199.93 | 20.54 | 1.17 | 16.69 | -1,490.25 | -6,903.10 | 6,182.93 | 6,167.94 | 15.00 | 412.296 | | |
| 3,600.00 | 3,432.55 | 3,259.27 | 3,259.18 | 21.30 | 1.18 | 16.74 | -1,491.56 | -6,903.25 | 6,148.04 | 6,132.56 | 15.48 | 397.168 | | |
| 3,700.00 | 3,525.52 | 3,326.06 | 3,325.96 | 22.06 | 1.20 | 16.80 | -1,492.98 | -6,903.75 | 6,113.61 | 6,097.64 | 15.96 | 382.951 | | |
| 3,800.00 | 3,618.49 | 3,400.00 | 3,399.88 | 22.82 | 1.21 | 16.87 | -1,494.43 | -6,904.61 | 6,079.53 | 6,063.08 | 16.45 | 369.560 | | |
| 3,900.00 | 3,711.45 | 3,490.42 | 3,490.28 | 23.57 | 1.24 | 16.95 | -1,495.73 | -6,905.90 | 6,045.65 | 6,028.72 | 16.94 | 356.972 | | |
| 4,000.00 | 3,804.42 | 3,594.95 | 3,594.80 | 24.33 | 1.27 | 17.06 | -1,496.25 | -6,907.50 | 6,011.72 | 5,994.30 | 17.42 | 345.113 | | |
| 4,100.00 | 3,897.39 | 3,693.57 | 3,693.40 | 25.09 | 1.30 | 17.18 | -1,496.05 | -6,908.98 | 5,977.67 | 5,959.76 | 17.91 | 333.791 | | |
| 4,200.00 | 3,990.36 | 3,801.18 | 3,801.01 | 25.86 | 1.33 | 17.30 | -1,495.61 | -6,910.47 | 5,943.50 | 5,925.10 | 18.39 | 323.106 | | |
| 4,300.00 | 4,083.32 | 3,901.02 | 3,900.84 | 26.62 | 1.36 | 17.42 | -1,495.19 | -6,911.66 | 5,909.17 | 5,890.29 | 18.88 | 312.904 | | |
| 4,400.00 | 4,176.29 | 4,010.17 | 4,009.98 | 27.38 | 1.39 | 17.55 | -1,494.91 | -6,912.73 | 5,874.69 | 5,855.32 | 19.37 | 303.247 | | |
| 4,500.00 | 4,269.26 | 4,119.65 | 4,119.46 | 28.14 | 1.42 | 17.68 | -1,494.96 | -6,913.44 | 5,839.97 | 5,820.11 | 19.86 | 294.063 | | |
| 4,600.00 | 4,362.23 | 4,195.67 | 4,195.48 | 28.90 | 1.44 | 17.77 | -1,495.16 | -6,913.97 | 5,805.33 | 5,784.97 | 20.36 | 285.072 | | |
| 4,700.00 | 4,455.20 | 4,310.81 | 4,310.62 | 29.66 | 1.48 | 17.90 | -1,495.54 | -6,914.64 | 5,770.63 | 5,749.78 | 20.85 | 276.755 | | |
| 4,800.00 | 4,548.16 | 4,420.19 | 4,419.99 | 30.43 | 1.50 | 18.03 | -1,495.96 | -6,914.89 | 5,735.64 | 5,714.30 | 21.33 | 268.838 | | |
| 4,900.00 | 4,641.13 | 4,536.73 | 4,536.53 | 31.19 | 1.52 | 18.17 | -1,496.34 | -6,914.88 | 5,700.46 | 5,678.65 | 21.80 | 261.466 | | |
| 5,000.00 | 4,734.10 | 4,624.63 | 4,624.34 | 31.95 | 1.52 | 18.51 | -1,497.14 | -6,908.60 | 5,663.03 | 5,640.93 | 22.10 | 256.282 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,915.81 | 4,915.44 | 32.71 | 1.53 | 18.62 | -1,498.12 | -6,905.00 | 5,624.37 | 5,601.80 | 22.57 | 249.232 | | |
| 5,200.00 | 4,920.04 | 4,990.45 | 4,990.03 | 33.48 | 1.53 | 18.70 | -1,499.01 | -6,902.19 | 5,585.89 | 5,562.84 | 23.06 | 242.285 | | |
| 5,300.00 | 5,013.00 | 5,041.50 | 5,041.04 | 34.24 | 1.53 | 18.76 | -1,499.65 | -6,900.50 | 5,547.89 | 5,524.32 | 23.57 | 235.374 | | |
| 5,400.00 | 5,105.97 | 5,100.00 | 5,099.52 | 35.00 | 1.53 | 18.82 | -1,500.37 | -6,899.11 | 5,510.65 | 5,486.57 | 24.08 | 228.830 | | |
| 5,500.00 | 5,198.94 | 5,175.92 | 5,175.43 | 35.77 | 1.54 | 18.91 | -1,501.27 | -6,897.65 | 5,473.89 | 5,449.31 | 24.58 | 222.701 | | |
| 5,600.00 | 5,291.91 | 5,242.98 | 5,242.47 | 36.53 | 1.54 | 18.99 | -1,501.96 | -6,896.45 | 5,437.30 | 5,412.21 | 25.09 | 216.717 | | |
| 5,700.00 | 5,384.87 | 5,300.44 | 5,299.93 | 37.29 | 1.55 | 19.07 | -1,502.39 | -6,895.83 | 5,401.30 | 5,375.69 | 25.61 | 210.884 | | |
| 5,800.00 | 5,477.84 | 5,395.77 | 5,395.24 | 38.06 | 1.56 | 19.19 | -1,503.08 | -6,895.08 | 5,365.61 | 5,339.51 | 26.10 | 205.575 | | |
| 5,900.00 | 5,570.81 | 5,472.04 | 5,471.51 | 38.82 | 1.57 | 19.28 | -1,503.80 | -6,894.56 | 5,330.05 | 5,303.44 | 26.61 | 200.290 | | |
| 6,000.00 | 5,663.78 | 5,549.92 | 5,549.39 | 39.59 | 1.58 | 19.38 | -1,504.64 | -6,894.26 | 5,294.80 | 5,267.68 | 27.13 | 195.198 | | |
| 6,100.00 | 5,756.75 | 5,631.32 | 5,630.79 | 40.35 | 1.59 | 19.49 | -1,505.52 | -6,894.15 | 5,259.82 | 5,232.18 | 27.64 | 190.300 | | |
| 6,200.00 | 5,849.71 | 5,719.38 | 5,718.84 | 41.12 | 1.61 | 19.61 | -1,506.03 | -6,894.25 | 5,225.01 | 5,196.86 | 28.15 | 185.615 | | |
| 6,300.00 | 5,942.68 | 5,831.67 | 5,831.13 | 41.88 | 1.61 | 19.78 | -1,505.53 | -6,894.42 | 5,190.16 | 5,161.53 | 28.63 | 181.287 | | |
| 6,400.00 | 6,035.65 | 5,980.21 | 5,979.66 | 42.64 | 1.62 | 20.02 | -1,504.16 | -6,893.52 | 5,154.56 | 5,125.49 | 29.07 | 177.318 | | |
| 6,500.00 | 6,128.62 | 6,084.95 | 6,084.39 | 43.41 | 1.62 | 20.18 | -1,503.45 | -6,892.13 | 5,118.36 | 5,088.80 | 29.56 | 173.164 | | |
| 6,600.00 | 6,221.59 | 6,176.89 | 6,176.31 | 44.17 | 1.63 | 20.33 | -1,502.92 | -6,890.81 | 5,082.11 | 5,052.05 | 30.06 | 169.042 | | |
| 6,700.00 | 6,314.55 | 6,259.62 | 6,259.04 | 44.94 | 1.63 | 20.46 | -1,502.57 | -6,889.69 | 5,045.98 | 5,015.40 | 30.58 | 164.985 | | |
| 6,800.00 | 6,407.52 | 6,340.18 | 6,339.60 | 45.70 | 1.63 | 20.59 | -1,502.43 | -6,888.77 | 5,010.10 | 4,978.99 | 31.11 | 161.043 | | |
| 6,900.00 | 6,499.98 | 6,424.52 | 6,423.93 | 46.49 | 1.64 | 16.40 | -1,502.41 | -6,887.98 | 4,973.10 | 4,941.47 | 31.64 | 157.202 | | |
| 7,000.00 | 6,586.50 | 6,513.78 | 6,513.18 | 47.49 | 1.65 | 9.66 | -1,502.47 | -6,887.16 | 4,923.33 | 4,891.19 | 32.14 | 153.181 | | |
| 7,100.00 | 6,663.58 | 6,596.38 | 6,595.78 | 48.75 | 1.65 | 5.20 | -1,502.55 | -6,886.31 | 4,859.35 | 4,826.75 | 32.59 | 149.083 | | |
| 7,200.00 | 6,728.87 | 6,659.84 | 6,659.24 | 50.23 | 1.66 | 1.20 | -1,502.63 | -6,885.62 | 4,783.13 | 4,750.15 | 32.98 | 145.044 | | |
| 7,300.00 | 6,780.38 | 6,709.14 | 6,708.54 | 51.91 | 1.66 | -3.85 | -1,502.71 | -6,885.09 | 4,697.04 | 4,663.79 | 33.25 | 141.266 | | |
| 7,400.00 | 6,816.56 | 6,742.67 | 6,742.06 | 53.74 | 1.67 | -13.40 | -1,502.84 | -6,884.74 | 4,603.69 | 4,570.29 | 33.39 | 137.857 | | |
| 7,500.00 | 6,836.29 | 6,760.51 | 6,759.90 | 55.65 | 1.67 | -43.54 | -1,502.94 | -6,884.55 | 4,505.92 | 4,472.52 | 33.40 | 134.891 | | |
| 7,600.00 | 6,840.00 | 6,763.04 | 6,762.44 | 57.58 | 1.67 | -94.60 | -1,502.95 | -6,884.53 | 4,406.66 | 4,373.37 | 33.29 | 132.359 | | |
| 7,700.00 | 6,840.00 | 6,762.05 | 6,761.44 | 59.56 | 1.67 | -94.50 | -1,502.95 | -6,884.54 | 4,307.40 | 4,274.24 | 33.16 | 129.916 | | |
| 7,800.00 | 6,840.00 | 6,761.05 | 6,760.44 | 61.60 | 1.67 | -94.39 | -1,502.94 | -6,884.55 | 4,208.17 | 4,175.15 | 33.02 | 127.454 | | |
| 7,900.00 | 6,840.00 | 6,760.05 | 6,759.44 | 63.69 | 1.67 | -94.28 | -1,502.93 | -6,884.56 | 4,108.98 | 4,076.10 | 32.88 | 124.971 | | |
| 8,000.00 | 6,840.00 | 6,759.04 | 6,758.44 | 65.82 | 1.67 | -94.17 | -1,502.93 | -6,884.57 | 4,009.83 | 3,977.09 | 32.74 | 122.465 | | |
| 8,100.00 | 6,840.00 | 6,758.04 | 6,757.43 | 67.99 | 1.67 | -94.06 | -1,502.92 | -6,884.58 | 3,910.73 | 3,878.12 | 32.61 | 119.932 | | |
| 8,200.00 | 6,840.00 | 6,757.04 | 6,756.43 | 70.21 | 1.67 | -93.95 | -1,502.92 | -6,884.59 | 3,811.67 | 3,779.19 | 32.48 | 117.371 | | |
| 8,300.00 | 6,840.00 | 6,756.04 | 6,755.43 | 72.45 | 1.67 | -93.85 | -1,502.91 | -6,884.60 | 3,712.66 | 3,680.31 | 32.35 | 114.776 | | |
| 8,400.00 | 6,840.00 | 6,755.04 | 6,754.43 | 74.73 | 1.67 | -93.74 | -1,502.90 | -6,884.61 | 3,613.70 | 3,581.48 | 32.22 | 112.144 | | |
| 8,500.00 | 6,840.00 | 6,754.04 | 6,753.43 | 77.04 | 1.67 | -93.63 | -1,502.90 | -6,884.62 | 3,514.81 | 3,482.70 | 32.11 | 109.470 | | |
| 8,600.00 | 6,840.00 | 6,753.03 | 6,752.42 | 79.38 | 1.67 | -93.52 | -1,502.89 | -6,884.63 | 3,415.98 | 3,383.98 | 32.00 | 106.750 | | |
| 8,700.00 | 6,840.00 | 6,752.03 | 6,751.42 | 81.74 | 1.67 | -93.41 | -1,502.89 | -6,884.64 | 3,317.21 | 3,285.31 | 31.90 | 103.977 | | |
| 8,800.00 | 6,840.00 | 6,751.03 | 6,750.42 | 84.12 | 1.67 | -93.30 | -1,502.88 | -6,884.65 | 3,218.53 | 3,186.71 | 31.82 | 101.144 | | |
| 8,900.00 | 6,840.00 | 6,750.02 | 6,749.41 | 86.52 | 1.67 | -93.19 | -1,502.87 | -6,884.66 | 3,119.92 | 3,088.17 | 31.76 | 98.245 | | |
| 9,000.00 | 6,840.00 | 6,749.02 | 6,748.41 | 88.94 | 1.67 | -93.09 | -1,502.87 | -6,884.67 | 3,021.41 | 2,989.70 | 31.71 | 95.270 | | |
| 9,100.00 | 6,840.00 | 6,748.01 | 6,747.41 | 91.38 | 1.67 | -92.98 | -1,502.86 | -6,884.68 | 2,923.00 | 2,891.30 | 31.70 | 92.213 | | |
| 9,200.00 | 6,840.00 | 6,747.01 | 6,746.40 | 93.83 | 1.67 | -92.87 | -1,502.86 | -6,884.69 | 2,824.70 | 2,792.99 | 31.72 | 89.063 | | |
| 9,300.00 | 6,840.00 | 6,746.00 | 6,745.40 | 96.30 | 1.67 | -92.76 | -1,502.85 | -6,884.70 | 2,726.53 | 2,694.75 | 31.77 | 85.810 | | |
| 9,400.00 | 6,840.00 | 6,745.00 | 6,744.39 | 98.79 | 1.67 | -92.65 | -1,502.85 | -6,884.72 | 2,628.49 | 2,596.60 | 31.88 | 82.446 | | |
| 9,500.00 | 6,840.00 | 6,743.99 | 6,743.38 | 101.28 | 1.67 | -92.54 | -1,502.84 | -6,884.73 | 2,530.60 | 2,498.55 | 32.05 | 78.961 | | |
| 9,600.00 | 6,840.00 | 6,742.98 | 6,742.38 | 103.79 | 1.67 | -92.43 | -1,502.84 | -6,884.74 | 2,432.88 | 2,400.60 | 32.29 | 75.347 | | |
| 9,700.00 | 6,840.00 | 6,741.98 | 6,741.37 | 106.30 | 1.67 | -92.32 | -1,502.83 | -6,884.75 | 2,335.36 | 2,302.75 | 32.62 | 71.598 | | |
| 9,800.00 | 6,840.00 | 6,740.97 | 6,740.36 | 108.83 | 1.67 | -92.21 | -1,502.83 | -6,884.76 | 2,238.06 | 2,205.01 | 33.05 | 67.711 | | |
| 9,900.00 | 6,840.00 | 6,739.96 | 6,739.36 | 111.37 | 1.67 | -92.10 | -1,502.82 | -6,884.77 | 2,141.00 | 2,107.39 | 33.62 | 63.689 | | |
| 10,000.00 | 6,840.00 | 6,738.95 | 6,738.35 | 113.91 | 1.67 | -91.99 | -1,502.82 | -6,884.78 | 2,044.23 | 2,009.90 | 34.33 | 59.540 | | |
| 10,100.00 | 6,840.00 | 6,737.95 | 6,737.34 | 116.47 | 1.67 | -91.88 | -1,502.81 | -6,884.79 | 1,947.79 | 1,912.55 | 35.24 | 55.280 | | |
| 10,200.00 | 6,840.00 | 6,736.94 | 6,736.33 | 119.03 | 1.67 | -91.78 | -1,502.81 | -6,884.80 | 1,851.72 | 1,815.36 | 36.36 | 50.932 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,735.93 | 6,735.32 | 121.59 | 1.67 | -91.67 | -1,502.80 | -6,884.81 | 1,756.08 | 1,718.34 | 37.74 | 46.530 | | |
| 10,400.00 | 6,840.00 | 6,734.92 | 6,734.31 | 124.17 | 1.67 | -91.56 | -1,502.80 | -6,884.82 | 1,660.97 | 1,621.53 | 39.44 | 42.117 | | |
| 10,500.00 | 6,840.00 | 6,733.91 | 6,733.30 | 126.75 | 1.67 | -91.45 | -1,502.79 | -6,884.83 | 1,566.46 | 1,524.95 | 41.50 | 37.743 | | |
| 10,600.00 | 6,840.00 | 6,732.90 | 6,732.29 | 129.34 | 1.67 | -91.34 | -1,502.79 | -6,884.84 | 1,472.67 | 1,428.66 | 44.01 | 33.464 | | |
| 10,700.00 | 6,840.00 | 6,731.89 | 6,731.28 | 131.93 | 1.67 | -91.23 | -1,502.79 | -6,884.85 | 1,379.76 | 1,332.72 | 47.03 | 29.335 | | |
| 10,800.00 | 6,840.00 | 6,730.88 | 6,730.27 | 134.53 | 1.67 | -91.12 | -1,502.78 | -6,884.86 | 1,287.90 | 1,237.22 | 50.68 | 25.413 | | |
| 10,900.00 | 6,840.00 | 6,729.87 | 6,729.26 | 137.13 | 1.67 | -91.01 | -1,502.78 | -6,884.87 | 1,197.36 | 1,142.30 | 55.06 | 21.746 | | |
| 11,000.00 | 6,840.00 | 6,728.85 | 6,728.25 | 139.73 | 1.67 | -90.90 | -1,502.77 | -6,884.88 | 1,108.43 | 1,048.12 | 60.32 | 18.377 | | |
| 11,100.00 | 6,840.00 | 6,727.84 | 6,727.24 | 142.35 | 1.67 | -90.79 | -1,502.77 | -6,884.90 | 1,021.56 | 954.95 | 66.61 | 15.336 | | |
| 11,200.00 | 6,840.00 | 6,726.83 | 6,726.22 | 144.96 | 1.67 | -90.68 | -1,502.77 | -6,884.91 | 937.31 | 863.18 | 74.13 | 12.644 | | |
| 11,300.00 | 6,840.00 | 6,725.82 | 6,725.21 | 147.58 | 1.67 | -90.57 | -1,502.76 | -6,884.92 | 856.45 | 773.37 | 83.08 | 10.308 | | |
| 11,400.00 | 6,840.00 | 6,724.80 | 6,724.20 | 150.20 | 1.67 | -90.46 | -1,502.76 | -6,884.93 | 780.04 | 686.39 | 93.65 | 8.329 | | |
| 11,500.00 | 6,840.00 | 6,723.79 | 6,723.18 | 152.83 | 1.67 | -90.35 | -1,502.75 | -6,884.94 | 709.52 | 603.61 | 105.91 | 6.699 | | |
| 11,600.00 | 6,840.00 | 6,722.78 | 6,722.17 | 155.46 | 1.67 | -90.24 | -1,502.75 | -6,884.95 | 646.81 | 527.10 | 119.72 | 5.403 | | |
| 11,700.00 | 6,840.00 | 6,721.76 | 6,721.16 | 158.09 | 1.67 | -90.13 | -1,502.75 | -6,884.96 | 594.41 | 459.98 | 134.43 | 4.422 | | |
| 11,800.00 | 6,840.00 | 6,720.75 | 6,720.14 | 160.73 | 1.67 | -90.02 | -1,502.74 | -6,884.97 | 555.22 | 406.55 | 148.67 | 3.735 | | |
| 11,900.00 | 6,840.00 | 6,719.73 | 6,719.13 | 163.36 | 1.67 | -89.90 | -1,502.74 | -6,884.98 | 532.18 | 371.80 | 160.38 | 3.318 | | |
| 11,975.29 | 6,840.00 | 6,718.97 | 6,718.36 | 165.35 | 1.67 | -89.82 | -1,502.74 | -6,884.99 | 526.82 | 360.62 | 166.21 | 3.170 CC | | |
| 12,000.00 | 6,840.00 | 6,718.72 | 6,718.11 | 166.01 | 1.67 | -89.79 | -1,502.74 | -6,884.99 | 527.40 | 359.97 | 167.43 | 3.150 ES, SF | | |
| 12,100.00 | 6,840.00 | 6,717.70 | 6,717.09 | 168.65 | 1.67 | -89.68 | -1,502.73 | -6,885.00 | 541.38 | 372.54 | 168.84 | 3.207 | | |
| 12,200.00 | 6,840.00 | 6,716.68 | 6,716.08 | 171.30 | 1.67 | -89.57 | -1,502.73 | -6,885.01 | 572.74 | 407.51 | 165.24 | 3.466 | | |
| 12,300.00 | 6,840.00 | 6,715.67 | 6,715.06 | 173.94 | 1.66 | -89.46 | -1,502.73 | -6,885.02 | 618.85 | 460.50 | 158.34 | 3.908 | | |
| 12,400.00 | 6,840.00 | 6,714.65 | 6,714.04 | 176.59 | 1.66 | -89.35 | -1,502.73 | -6,885.03 | 676.69 | 526.77 | 149.92 | 4.514 | | |
| 12,500.00 | 6,840.00 | 6,713.63 | 6,713.03 | 179.25 | 1.66 | -89.24 | -1,502.72 | -6,885.05 | 743.53 | 602.32 | 141.21 | 5.265 | | |
| 12,600.00 | 6,840.00 | 6,712.62 | 6,712.01 | 181.90 | 1.66 | -89.13 | -1,502.72 | -6,885.06 | 817.17 | 684.24 | 132.93 | 6.147 | | |
| 12,700.00 | 6,840.00 | 6,711.60 | 6,711.09 | 184.56 | 1.66 | -89.02 | -1,502.72 | -6,885.07 | 895.93 | 770.55 | 125.38 | 7.145 | | |
| 12,800.00 | 6,840.00 | 6,710.58 | 6,709.97 | 187.22 | 1.66 | -88.91 | -1,502.71 | -6,885.08 | 978.58 | 859.93 | 118.65 | 8.247 | | |
| 12,900.00 | 6,840.00 | 6,709.94 | 6,709.33 | 189.88 | 1.66 | -88.84 | -1,502.71 | -6,885.08 | 1,064.21 | 951.50 | 112.71 | 9.442 | | |
| 13,000.00 | 6,840.00 | 6,708.88 | 6,708.27 | 192.54 | 1.66 | -88.72 | -1,502.71 | -6,885.10 | 1,152.16 | 1,044.67 | 107.49 | 10.719 | | |
| 13,100.00 | 6,840.00 | 6,707.82 | 6,707.21 | 195.20 | 1.66 | -88.61 | -1,502.71 | -6,885.11 | 1,241.93 | 1,139.04 | 102.89 | 12.070 | | |
| 13,200.00 | 6,840.00 | 6,706.76 | 6,706.15 | 197.87 | 1.66 | -88.49 | -1,502.70 | -6,885.12 | 1,333.16 | 1,234.31 | 98.84 | 13.488 | | |
| 13,300.00 | 6,840.00 | 6,705.70 | 6,705.09 | 200.53 | 1.66 | -88.38 | -1,502.70 | -6,885.13 | 1,425.56 | 1,330.29 | 95.27 | 14.964 | | |
| 13,400.00 | 6,840.00 | 6,704.64 | 6,704.03 | 203.20 | 1.66 | -88.26 | -1,502.70 | -6,885.14 | 1,518.92 | 1,426.83 | 92.09 | 16.493 | | |
| 13,500.00 | 6,840.00 | 6,703.58 | 6,702.97 | 205.87 | 1.66 | -88.15 | -1,502.70 | -6,885.15 | 1,613.09 | 1,523.82 | 89.27 | 18.070 | | |
| 13,600.00 | 6,840.00 | 6,702.52 | 6,701.91 | 208.54 | 1.66 | -88.03 | -1,502.70 | -6,885.16 | 1,707.91 | 1,621.17 | 86.74 | 19.690 | | |
| 13,700.00 | 6,840.00 | 6,701.45 | 6,700.85 | 211.22 | 1.66 | -87.92 | -1,502.70 | -6,885.17 | 1,803.29 | 1,718.82 | 84.47 | 21.347 | | |
| 13,800.00 | 6,840.00 | 6,700.39 | 6,699.78 | 213.89 | 1.66 | -87.80 | -1,502.69 | -6,885.19 | 1,899.15 | 1,816.72 | 82.43 | 23.040 | | |
| 13,900.00 | 6,840.00 | 6,699.32 | 6,698.72 | 216.56 | 1.66 | -87.69 | -1,502.69 | -6,885.20 | 1,995.41 | 1,914.83 | 80.58 | 24.763 | | |
| 14,000.00 | 6,840.00 | 6,698.26 | 6,697.65 | 219.24 | 1.66 | -87.57 | -1,502.69 | -6,885.21 | 2,092.02 | 2,013.12 | 78.90 | 26.514 | | |
| 14,100.00 | 6,840.00 | 6,697.19 | 6,696.59 | 221.92 | 1.66 | -87.46 | -1,502.69 | -6,885.22 | 2,188.94 | 2,111.57 | 77.37 | 28.290 | | |
| 14,200.00 | 6,840.00 | 6,696.12 | 6,695.52 | 224.59 | 1.66 | -87.34 | -1,502.69 | -6,885.23 | 2,286.12 | 2,210.14 | 75.98 | 30.089 | | |
| 14,300.00 | 6,840.00 | 6,695.06 | 6,694.45 | 227.27 | 1.66 | -87.22 | -1,502.68 | -6,885.24 | 2,383.54 | 2,308.84 | 74.70 | 31.908 | | |
| 14,400.00 | 6,840.00 | 6,693.99 | 6,693.38 | 229.95 | 1.66 | -87.11 | -1,502.68 | -6,885.25 | 2,481.16 | 2,407.63 | 73.53 | 33.745 | | |
| 14,500.00 | 6,840.00 | 6,692.92 | 6,692.31 | 232.63 | 1.66 | -86.99 | -1,502.68 | -6,885.26 | 2,578.96 | 2,506.51 | 72.45 | 35.599 | | |
| 14,600.00 | 6,840.00 | 6,691.85 | 6,691.24 | 235.31 | 1.66 | -86.88 | -1,502.68 | -6,885.28 | 2,676.92 | 2,605.48 | 71.45 | 37.467 | | |
| 14,700.00 | 6,840.00 | 6,690.78 | 6,690.17 | 238.00 | 1.66 | -86.76 | -1,502.68 | -6,885.29 | 2,775.03 | 2,704.51 | 70.52 | 39.348 | | |
| 14,800.00 | 6,840.00 | 6,689.70 | 6,689.10 | 240.68 | 1.66 | -86.64 | -1,502.68 | -6,885.30 | 2,873.27 | 2,803.60 | 69.67 | 41.242 | | |
| 14,900.00 | 6,840.00 | 6,688.63 | 6,688.03 | 243.36 | 1.66 | -86.53 | -1,502.67 | -6,885.31 | 2,971.63 | 2,902.75 | 68.87 | 43.146 | | |
| 15,000.00 | 6,840.00 | 6,687.56 | 6,686.95 | 246.05 | 1.66 | -86.41 | -1,502.67 | -6,885.32 | 3,070.09 | 3,001.95 | 68.13 | 45.059 | | |
| 15,100.00 | 6,840.00 | 6,686.48 | 6,685.88 | 248.74 | 1.66 | -86.29 | -1,502.67 | -6,885.33 | 3,168.65 | 3,101.20 | 67.45 | 46.981 | | |
| 15,200.00 | 6,840.00 | 6,685.41 | 6,684.80 | 251.42 | 1.66 | -86.18 | -1,502.67 | -6,885.34 | 3,267.29 | 3,200.49 | 66.80 | 48.910 | | |
| 15,300.00 | 6,840.00 | 6,684.33 | 6,683.73 | 254.11 | 1.66 | -86.06 | -1,502.67 | -6,885.36 | 3,366.02 | 3,299.81 | 66.20 | 50.846 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,400.00 | 6,840.00 | 6,683.25 | 6,682.65 | 256.80 | 1.66 | -85.94 | -1,502.67 | -6,885.37 | 3,464.81 | 3,399.18 | 65.64 | 52.787 | | |
| 15,500.00 | 6,840.00 | 6,682.18 | 6,681.57 | 259.49 | 1.66 | -85.83 | -1,502.66 | -6,885.38 | 3,563.68 | 3,498.57 | 65.11 | 54.734 | | |
| 15,600.00 | 6,840.00 | 6,681.10 | 6,680.49 | 262.17 | 1.66 | -85.71 | -1,502.66 | -6,885.39 | 3,662.60 | 3,597.99 | 64.61 | 56.684 | | |
| 15,700.00 | 6,840.00 | 6,680.02 | 6,679.41 | 264.86 | 1.66 | -85.59 | -1,502.66 | -6,885.40 | 3,761.58 | 3,697.44 | 64.15 | 58.639 | | |
| 15,800.00 | 6,840.00 | 6,678.94 | 6,678.33 | 267.55 | 1.66 | -85.48 | -1,502.66 | -6,885.41 | 3,860.62 | 3,796.91 | 63.71 | 60.596 | | |
| 15,900.00 | 6,840.00 | 6,677.86 | 6,677.25 | 270.25 | 1.66 | -85.36 | -1,502.66 | -6,885.43 | 3,959.70 | 3,896.40 | 63.30 | 62.556 | | |
| 16,000.00 | 6,840.00 | 6,676.78 | 6,676.17 | 272.94 | 1.66 | -85.24 | -1,502.66 | -6,885.44 | 4,058.83 | 3,995.92 | 62.91 | 64.518 | | |
| 16,100.00 | 6,840.00 | 6,675.69 | 6,675.09 | 275.63 | 1.66 | -85.13 | -1,502.65 | -6,885.45 | 4,158.00 | 4,095.45 | 62.54 | 66.481 | | |
| 16,200.00 | 6,840.00 | 6,674.61 | 6,674.01 | 278.32 | 1.66 | -85.01 | -1,502.65 | -6,885.46 | 4,257.20 | 4,195.01 | 62.20 | 68.446 | | |
| 16,300.00 | 6,840.00 | 6,673.52 | 6,672.92 | 281.02 | 1.66 | -84.89 | -1,502.65 | -6,885.47 | 4,356.45 | 4,294.58 | 61.87 | 70.411 | | |
| 16,400.00 | 6,840.00 | 6,672.44 | 6,671.84 | 283.71 | 1.66 | -84.78 | -1,502.65 | -6,885.48 | 4,455.72 | 4,394.16 | 61.56 | 72.377 | | |
| 16,500.00 | 6,840.00 | 6,671.35 | 6,670.75 | 286.40 | 1.66 | -84.66 | -1,502.65 | -6,885.50 | 4,555.03 | 4,493.76 | 61.27 | 74.342 | | |
| 16,600.00 | 6,840.00 | 6,670.27 | 6,669.66 | 289.10 | 1.66 | -84.54 | -1,502.65 | -6,885.51 | 4,654.37 | 4,593.38 | 61.00 | 76.307 | | |
| 16,700.00 | 6,840.00 | 6,669.18 | 6,668.58 | 291.79 | 1.66 | -84.42 | -1,502.64 | -6,885.52 | 4,753.74 | 4,693.00 | 60.73 | 78.272 | | |
| 16,800.00 | 6,840.00 | 6,668.09 | 6,667.49 | 294.49 | 1.66 | -84.31 | -1,502.64 | -6,885.53 | 4,853.13 | 4,792.64 | 60.49 | 80.235 | | |
| 16,900.00 | 6,840.00 | 6,667.00 | 6,666.40 | 297.19 | 1.66 | -84.19 | -1,502.64 | -6,885.54 | 4,952.54 | 4,892.29 | 60.25 | 82.197 | | |
| 17,000.00 | 6,840.00 | 6,665.91 | 6,665.31 | 299.88 | 1.66 | -84.07 | -1,502.64 | -6,885.55 | 5,051.98 | 4,991.95 | 60.03 | 84.158 | | |
| 17,100.00 | 6,840.00 | 6,664.82 | 6,664.22 | 302.58 | 1.66 | -83.95 | -1,502.64 | -6,885.57 | 5,151.44 | 5,091.62 | 59.82 | 86.117 | | |
| 17,200.00 | 6,840.00 | 6,663.73 | 6,663.12 | 305.28 | 1.66 | -83.84 | -1,502.64 | -6,885.58 | 5,250.92 | 5,191.30 | 59.62 | 88.074 | | |
| 17,300.00 | 6,840.00 | 6,662.64 | 6,662.03 | 307.97 | 1.66 | -83.72 | -1,502.63 | -6,885.59 | 5,350.42 | 5,290.99 | 59.43 | 90.028 | | |
| 17,400.00 | 6,840.00 | 6,661.54 | 6,660.94 | 310.67 | 1.66 | -83.60 | -1,502.63 | -6,885.60 | 5,449.94 | 5,390.69 | 59.25 | 91.981 | | |
| 17,500.00 | 6,840.00 | 6,660.45 | 6,659.84 | 313.37 | 1.66 | -83.48 | -1,502.63 | -6,885.61 | 5,549.47 | 5,490.39 | 59.08 | 93.930 | | |
| 17,600.00 | 6,840.00 | 6,659.35 | 6,658.75 | 316.07 | 1.66 | -83.37 | -1,502.63 | -6,885.62 | 5,649.02 | 5,590.10 | 58.92 | 95.877 | | |
| 17,700.00 | 6,840.00 | 6,658.26 | 6,657.65 | 318.77 | 1.66 | -83.25 | -1,502.63 | -6,885.64 | 5,748.59 | 5,689.82 | 58.77 | 97.821 | | |
| 17,800.00 | 6,840.00 | 6,657.16 | 6,656.56 | 321.47 | 1.66 | -83.13 | -1,502.63 | -6,885.65 | 5,848.17 | 5,789.55 | 58.62 | 99.762 | | |
| 17,900.00 | 6,840.00 | 6,656.06 | 6,655.46 | 324.17 | 1.66 | -83.01 | -1,502.62 | -6,885.66 | 5,947.76 | 5,889.28 | 58.48 | 101.699 | | |
| 18,000.00 | 6,840.00 | 6,654.96 | 6,654.36 | 326.87 | 1.66 | -82.90 | -1,502.62 | -6,885.67 | 6,047.37 | 5,989.02 | 58.35 | 103.633 | | |
| 18,100.00 | 6,840.00 | 6,653.86 | 6,653.26 | 329.57 | 1.66 | -82.78 | -1,502.62 | -6,885.68 | 6,146.99 | 6,088.76 | 58.23 | 105.564 | | |
| 18,200.00 | 6,840.00 | 6,652.76 | 6,652.16 | 332.27 | 1.66 | -82.66 | -1,502.62 | -6,885.69 | 6,246.62 | 6,188.51 | 58.11 | 107.491 | | |
| 18,300.00 | 6,840.00 | 6,651.66 | 6,651.06 | 334.97 | 1.66 | -82.54 | -1,502.62 | -6,885.71 | 6,346.27 | 6,288.26 | 58.00 | 109.414 | | |
| 18,400.00 | 6,840.00 | 6,650.56 | 6,649.96 | 337.67 | 1.66 | -82.43 | -1,502.62 | -6,885.72 | 6,445.92 | 6,388.02 | 57.90 | 111.333 | | |
| 18,500.00 | 6,840.00 | 6,649.46 | 6,648.85 | 340.38 | 1.66 | -82.31 | -1,502.62 | -6,885.73 | 6,545.58 | 6,487.79 | 57.80 | 113.248 | | |
| 18,600.00 | 6,840.00 | 6,648.35 | 6,647.75 | 343.08 | 1.66 | -82.19 | -1,502.61 | -6,885.74 | 6,645.26 | 6,587.55 | 57.71 | 115.158 | | |
| 18,700.00 | 6,840.00 | 6,647.25 | 6,646.65 | 345.78 | 1.66 | -82.07 | -1,502.61 | -6,885.75 | 6,744.94 | 6,687.33 | 57.62 | 117.065 | | |
| 18,800.00 | 6,840.00 | 6,646.14 | 6,645.54 | 348.48 | 1.66 | -81.95 | -1,502.61 | -6,885.77 | 6,844.64 | 6,787.10 | 57.53 | 118.967 | | |
| 18,900.00 | 6,840.00 | 6,645.04 | 6,644.44 | 351.19 | 1.66 | -81.84 | -1,502.61 | -6,885.78 | 6,944.34 | 6,886.88 | 57.46 | 120.865 | | |
| 19,000.00 | 6,840.00 | 6,643.93 | 6,643.33 | 353.89 | 1.66 | -81.72 | -1,502.61 | -6,885.79 | 7,044.05 | 6,986.67 | 57.38 | 122.758 | | |
| 19,100.00 | 6,840.00 | 6,642.82 | 6,642.22 | 356.59 | 1.66 | -81.60 | -1,502.61 | -6,885.80 | 7,143.77 | 7,086.45 | 57.31 | 124.646 | | |
| 19,200.00 | 6,840.00 | 6,641.71 | 6,641.11 | 359.30 | 1.66 | -81.48 | -1,502.61 | -6,885.81 | 7,243.49 | 7,186.25 | 57.25 | 126.530 | | |
| 19,300.00 | 6,840.00 | 6,640.60 | 6,640.00 | 362.00 | 1.66 | -81.36 | -1,502.60 | -6,885.83 | 7,343.23 | 7,286.04 | 57.19 | 128.409 | | |
| 19,400.00 | 6,840.00 | 6,639.49 | 6,638.89 | 364.71 | 1.66 | -81.25 | -1,502.60 | -6,885.84 | 7,442.97 | 7,385.84 | 57.13 | 130.283 | | |
| 19,500.00 | 6,840.00 | 6,638.38 | 6,637.78 | 367.41 | 1.66 | -81.13 | -1,502.60 | -6,885.85 | 7,542.71 | 7,485.64 | 57.08 | 132.152 | | |
| 19,600.00 | 6,840.00 | 6,637.27 | 6,636.67 | 370.11 | 1.66 | -81.01 | -1,502.60 | -6,885.86 | 7,642.47 | 7,585.44 | 57.03 | 134.016 | | |
| 19,700.00 | 6,840.00 | 6,636.16 | 6,635.56 | 372.82 | 1.66 | -80.89 | -1,502.60 | -6,885.87 | 7,742.22 | 7,685.24 | 56.98 | 135.875 | | |
| 19,800.00 | 6,840.00 | 6,635.04 | 6,634.44 | 375.53 | 1.66 | -80.77 | -1,502.60 | -6,885.89 | 7,841.99 | 7,785.05 | 56.94 | 137.729 | | |
| 19,900.00 | 6,840.00 | 6,633.93 | 6,633.33 | 378.23 | 1.66 | -80.65 | -1,502.59 | -6,885.90 | 7,941.76 | 7,884.86 | 56.90 | 139.577 | | |
| 20,000.00 | 6,840.00 | 6,632.81 | 6,632.21 | 380.94 | 1.66 | -80.54 | -1,502.59 | -6,885.91 | 8,041.54 | 7,984.68 | 56.86 | 141.421 | | |
| 20,100.00 | 6,840.00 | 6,631.70 | 6,631.10 | 383.64 | 1.66 | -80.42 | -1,502.59 | -6,885.92 | 8,141.32 | 8,084.49 | 56.83 | 143.259 | | |
| 20,200.00 | 6,840.00 | 6,630.58 | 6,629.98 | 386.35 | 1.66 | -80.30 | -1,502.59 | -6,885.93 | 8,241.11 | 8,184.31 | 56.80 | 145.092 | | |
| 20,300.00 | 6,840.00 | 6,629.46 | 6,628.86 | 389.05 | 1.66 | -80.18 | -1,502.59 | -6,885.95 | 8,340.90 | 8,284.13 | 56.77 | 146.919 | | |
| 20,400.00 | 6,840.00 | 6,628.34 | 6,627.74 | 391.76 | 1.66 | -80.06 | -1,502.59 | -6,885.96 | 8,440.70 | 8,383.95 | 56.75 | 148.741 | | |
| 20,442.82 | 6,840.00 | 6,627.86 | 6,627.26 | 392.92 | 1.66 | -80.01 | -1,502.59 | -6,885.96 | 8,483.43 | 8,426.69 | 56.74 | 149.519 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 101-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -104.77 | -1,454.06 | -5,514.63 | 5,703.93 | | | | | |
| 100.00 | 100.00 | 2.86 | 2.86 | 0.13 | 0.00 | -104.77 | -1,454.06 | -5,514.63 | 5,703.11 | 5,702.97 | 0.14 | N/A | | |
| 200.00 | 200.00 | 98.35 | 98.35 | 0.49 | 0.10 | -104.77 | -1,454.23 | -5,514.63 | 5,703.15 | 5,702.55 | 0.60 | 9,569.402 | | |
| 300.00 | 300.00 | 185.59 | 185.59 | 0.85 | 0.20 | -104.78 | -1,454.51 | -5,514.73 | 5,703.34 | 5,702.29 | 1.05 | 5,420.195 | | |
| 400.00 | 400.00 | 296.27 | 296.27 | 1.21 | 0.30 | -104.78 | -1,454.74 | -5,514.94 | 5,703.59 | 5,702.08 | 1.51 | 3,778.842 | | |
| 500.00 | 500.00 | 395.73 | 395.72 | 1.57 | 0.33 | -104.78 | -1,454.72 | -5,515.07 | 5,703.71 | 5,701.81 | 1.90 | 3,006.689 | | |
| 600.00 | 599.98 | 481.85 | 481.84 | 1.92 | 0.38 | 11.03 | -1,454.60 | -5,515.32 | 5,702.24 | 5,699.94 | 2.29 | 2,487.053 | | |
| 700.00 | 699.84 | 608.47 | 608.47 | 2.26 | 0.40 | 11.06 | -1,454.61 | -5,515.58 | 5,697.32 | 5,694.66 | 2.66 | 2,142.869 | | |
| 800.00 | 799.45 | 748.27 | 748.27 | 2.62 | 0.45 | 11.12 | -1,454.53 | -5,514.89 | 5,688.26 | 5,685.20 | 3.06 | 1,860.909 | | |
| 900.00 | 898.70 | 857.01 | 856.99 | 2.99 | 0.50 | 11.19 | -1,455.19 | -5,513.66 | 5,675.36 | 5,671.91 | 3.46 | 1,642.337 | | |
| 1,000.00 | 997.47 | 944.51 | 944.48 | 3.39 | 0.54 | 11.27 | -1,456.05 | -5,512.60 | 5,659.11 | 5,655.25 | 3.85 | 1,469.178 | | |
| 1,100.00 | 1,095.62 | 1,023.21 | 1,023.18 | 3.81 | 0.57 | 11.36 | -1,457.12 | -5,511.83 | 5,639.79 | 5,635.54 | 4.25 | 1,327.972 | | |
| 1,200.00 | 1,193.06 | 1,101.31 | 1,101.27 | 4.27 | 0.61 | 11.48 | -1,458.21 | -5,511.33 | 5,617.46 | 5,612.81 | 4.65 | 1,209.116 | | |
| 1,300.00 | 1,289.64 | 1,181.46 | 1,181.41 | 4.77 | 0.64 | 11.61 | -1,459.33 | -5,511.08 | 5,592.12 | 5,587.07 | 5.05 | 1,107.429 | | |
| 1,400.00 | 1,385.27 | 1,272.15 | 1,272.09 | 5.31 | 0.68 | 11.78 | -1,460.59 | -5,511.01 | 5,563.70 | 5,558.24 | 5.46 | 1,018.613 | | |
| 1,500.00 | 1,479.82 | 1,362.88 | 1,362.81 | 5.91 | 0.72 | 11.97 | -1,461.62 | -5,511.04 | 5,532.07 | 5,526.19 | 5.88 | 940.922 | | |
| 1,600.00 | 1,573.19 | 1,451.03 | 1,450.96 | 6.55 | 0.75 | 12.16 | -1,462.33 | -5,511.23 | 5,497.37 | 5,491.07 | 6.30 | 872.285 | | |
| 1,700.00 | 1,666.16 | 1,558.00 | 1,557.93 | 7.23 | 0.77 | 12.25 | -1,462.55 | -5,511.63 | 5,461.66 | 5,454.95 | 6.71 | 813.795 | | |
| 1,800.00 | 1,759.13 | 1,650.24 | 1,650.17 | 7.93 | 0.78 | 12.34 | -1,462.41 | -5,511.76 | 5,425.65 | 5,418.53 | 7.12 | 762.168 | | |
| 1,900.00 | 1,852.10 | 1,736.89 | 1,736.82 | 8.64 | 0.79 | 12.41 | -1,462.54 | -5,512.05 | 5,389.89 | 5,382.36 | 7.54 | 714.916 | | |
| 2,000.00 | 1,945.06 | 1,830.24 | 1,830.17 | 9.35 | 0.82 | 12.50 | -1,462.70 | -5,512.24 | 5,354.03 | 5,346.06 | 7.98 | 671.340 | | |
| 2,100.00 | 2,038.03 | 1,900.00 | 1,899.93 | 10.08 | 0.85 | 12.56 | -1,462.94 | -5,512.59 | 5,318.48 | 5,310.07 | 8.41 | 632.178 | | |
| 2,200.00 | 2,131.00 | 1,985.30 | 1,985.23 | 10.81 | 0.88 | 12.63 | -1,463.43 | -5,513.22 | 5,283.22 | 5,274.36 | 8.86 | 596.483 | | |
| 2,300.00 | 2,223.97 | 2,055.99 | 2,055.91 | 11.54 | 0.90 | 12.70 | -1,463.90 | -5,513.91 | 5,248.20 | 5,238.90 | 9.30 | 564.099 | | |
| 2,400.00 | 2,316.94 | 2,130.33 | 2,130.24 | 12.28 | 0.92 | 12.77 | -1,464.22 | -5,515.04 | 5,213.63 | 5,203.88 | 9.75 | 534.474 | | |
| 2,500.00 | 2,409.90 | 2,216.82 | 2,216.71 | 13.02 | 0.95 | 12.85 | -1,464.48 | -5,516.57 | 5,179.27 | 5,169.06 | 10.21 | 507.257 | | |
| 2,600.00 | 2,502.87 | 2,302.57 | 2,302.45 | 13.77 | 0.98 | 12.94 | -1,464.68 | -5,518.24 | 5,145.06 | 5,134.40 | 10.67 | 482.256 | | |
| 2,700.00 | 2,595.84 | 2,430.09 | 2,429.94 | 14.51 | 1.01 | 13.07 | -1,464.24 | -5,520.60 | 5,110.68 | 5,099.55 | 11.12 | 459.387 | | |
| 2,800.00 | 2,688.81 | 2,561.69 | 2,561.53 | 15.26 | 1.03 | 13.23 | -1,462.66 | -5,522.19 | 5,075.49 | 5,063.91 | 11.58 | 438.430 | | |
| 2,900.00 | 2,781.77 | 2,654.61 | 2,654.43 | 16.01 | 1.05 | 13.34 | -1,461.39 | -5,523.00 | 5,040.01 | 5,027.98 | 12.03 | 418.845 | | |
| 3,000.00 | 2,874.74 | 2,741.45 | 2,741.26 | 16.76 | 1.07 | 13.45 | -1,460.34 | -5,523.86 | 5,004.69 | 4,992.19 | 12.49 | 400.597 | | |
| 3,100.00 | 2,967.71 | 2,831.90 | 2,831.70 | 17.52 | 1.09 | 13.56 | -1,459.27 | -5,524.81 | 4,969.44 | 4,956.49 | 12.95 | 383.604 | | |
| 3,200.00 | 3,060.68 | 2,921.20 | 2,920.99 | 18.27 | 1.10 | 13.67 | -1,458.17 | -5,525.82 | 4,934.28 | 4,920.86 | 13.42 | 367.726 | | |
| 3,300.00 | 3,153.65 | 3,012.80 | 3,012.57 | 19.03 | 1.12 | 13.79 | -1,456.94 | -5,526.96 | 4,899.21 | 4,885.33 | 13.88 | 352.891 | | |
| 3,400.00 | 3,246.61 | 3,211.22 | 3,210.95 | 19.78 | 1.16 | 14.06 | -1,453.11 | -5,528.08 | 4,863.74 | 4,849.44 | 14.30 | 340.109 | | |
| 3,500.00 | 3,339.58 | 3,329.92 | 3,329.61 | 20.54 | 1.17 | 14.22 | -1,450.68 | -5,526.68 | 4,826.36 | 4,811.62 | 14.74 | 327.489 | | |
| 3,600.00 | 3,432.55 | 3,410.74 | 3,410.42 | 21.30 | 1.18 | 14.33 | -1,449.53 | -5,525.53 | 4,788.92 | 4,773.73 | 15.20 | 315.148 | | |
| 3,700.00 | 3,525.52 | 3,483.14 | 3,482.81 | 22.06 | 1.19 | 14.42 | -1,448.76 | -5,524.69 | 4,751.82 | 4,736.16 | 15.66 | 303.402 | | |
| 3,800.00 | 3,618.49 | 3,570.98 | 3,570.64 | 22.82 | 1.20 | 14.53 | -1,447.99 | -5,523.92 | 4,715.02 | 4,698.90 | 16.12 | 292.479 | | |
| 3,900.00 | 3,711.45 | 3,714.52 | 3,714.16 | 23.57 | 1.21 | 14.72 | -1,446.32 | -5,522.02 | 4,677.80 | 4,661.26 | 16.54 | 282.752 | | |
| 4,000.00 | 3,804.42 | 3,801.77 | 3,801.38 | 24.33 | 1.23 | 14.84 | -1,445.20 | -5,520.41 | 4,640.09 | 4,623.08 | 17.01 | 272.848 | | |
| 4,100.00 | 3,897.39 | 3,880.66 | 3,880.26 | 25.09 | 1.24 | 14.95 | -1,444.43 | -5,519.06 | 4,602.57 | 4,585.09 | 17.48 | 263.349 | | |
| 4,200.00 | 3,990.36 | 3,971.95 | 3,971.53 | 25.86 | 1.25 | 15.07 | -1,443.75 | -5,517.62 | 4,565.25 | 4,547.30 | 17.94 | 254.467 | | |
| 4,300.00 | 4,083.32 | 4,056.23 | 4,055.80 | 26.62 | 1.26 | 15.18 | -1,443.39 | -5,516.26 | 4,527.97 | 4,509.56 | 18.41 | 245.938 | | |
| 4,400.00 | 4,176.29 | 4,134.08 | 4,133.64 | 27.38 | 1.27 | 15.28 | -1,443.52 | -5,515.14 | 4,490.96 | 4,472.07 | 18.89 | 237.752 | | |
| 4,500.00 | 4,269.26 | 4,214.03 | 4,213.59 | 28.14 | 1.28 | 15.38 | -1,443.81 | -5,514.24 | 4,454.30 | 4,434.93 | 19.37 | 229.974 | | |
| 4,600.00 | 4,362.23 | 4,315.94 | 4,315.49 | 28.90 | 1.29 | 15.51 | -1,444.04 | -5,513.06 | 4,417.59 | 4,397.76 | 19.83 | 222.764 | | |
| 4,700.00 | 4,455.20 | 4,389.08 | 4,388.63 | 29.66 | 1.30 | 15.61 | -1,444.12 | -5,512.36 | 4,381.07 | 4,360.75 | 20.32 | 215.582 | | |
| 4,800.00 | 4,548.16 | 4,467.64 | 4,467.18 | 30.43 | 1.32 | 15.72 | -1,444.16 | -5,511.93 | 4,344.94 | 4,324.12 | 20.81 | 208.778 | | |
| 4,900.00 | 4,641.13 | 4,578.38 | 4,577.93 | 31.19 | 1.34 | 15.88 | -1,444.03 | -5,511.45 | 4,308.91 | 4,287.63 | 21.27 | 202.566 | | |
| 5,000.00 | 4,734.10 | 4,698.72 | 4,698.26 | 31.95 | 1.36 | 16.06 | -1,443.51 | -5,510.17 | 4,272.25 | 4,250.52 | 21.72 | 196.665 | | |
| 5,100.00 | 4,827.07 | 4,771.80 | 4,771.33 | 32.71 | 1.37 | 16.17 | -1,442.91 | -5,509.38 | 4,235.54 | 4,213.31 | 22.23 | 190.570 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 101-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,841.92 | 4,841.45 | 33.48 | 1.38 | 16.29 | -1,442.03 | -5,509.03 | 4,199.31 | 4,176.57 | 22.73 | 184.709 | | |
| 5,300.00 | 5,013.00 | 4,914.57 | 4,914.08 | 34.24 | 1.39 | 16.42 | -1,440.62 | -5,509.19 | 4,163.62 | 4,140.37 | 23.25 | 179.114 | | |
| 5,400.00 | 5,105.97 | 5,009.48 | 5,008.97 | 35.00 | 1.41 | 16.60 | -1,438.74 | -5,509.56 | 4,128.13 | 4,104.39 | 23.74 | 173.924 | | |
| 5,500.00 | 5,198.94 | 5,090.84 | 5,090.32 | 35.77 | 1.42 | 16.75 | -1,437.22 | -5,509.96 | 4,092.79 | 4,068.55 | 24.24 | 168.827 | | |
| 5,600.00 | 5,291.91 | 5,164.54 | 5,164.00 | 36.53 | 1.44 | 16.89 | -1,435.84 | -5,510.59 | 4,057.81 | 4,033.04 | 24.76 | 163.873 | | |
| 5,700.00 | 5,384.87 | 5,244.12 | 5,243.56 | 37.29 | 1.45 | 17.04 | -1,434.37 | -5,511.63 | 4,023.28 | 3,998.00 | 25.28 | 159.165 | | |
| 5,800.00 | 5,477.84 | 5,333.69 | 5,333.11 | 38.06 | 1.47 | 17.21 | -1,432.93 | -5,512.95 | 3,988.98 | 3,963.20 | 25.78 | 154.714 | | |
| 5,900.00 | 5,570.81 | 5,450.59 | 5,449.99 | 38.82 | 1.49 | 17.44 | -1,431.45 | -5,514.44 | 3,954.62 | 3,928.36 | 26.25 | 150.634 | | |
| 6,000.00 | 5,663.78 | 5,633.42 | 5,632.79 | 39.59 | 1.52 | 17.80 | -1,428.23 | -5,513.62 | 3,918.43 | 3,891.80 | 26.63 | 147.143 | | |
| 6,100.00 | 5,756.75 | 5,712.38 | 5,711.72 | 40.35 | 1.54 | 17.97 | -1,426.27 | -5,512.76 | 3,881.76 | 3,854.61 | 27.16 | 142.938 | | |
| 6,200.00 | 5,849.71 | 5,813.27 | 5,812.57 | 41.12 | 1.56 | 18.19 | -1,423.84 | -5,511.67 | 3,845.15 | 3,817.50 | 27.66 | 139.039 | | |
| 6,300.00 | 5,942.68 | 5,907.73 | 5,907.01 | 41.88 | 1.58 | 18.39 | -1,422.09 | -5,510.44 | 3,808.46 | 3,780.30 | 28.16 | 135.225 | | |
| 6,400.00 | 6,035.65 | 5,983.20 | 5,982.46 | 42.64 | 1.60 | 18.55 | -1,420.98 | -5,509.57 | 3,772.00 | 3,743.30 | 28.70 | 131.408 | | |
| 6,500.00 | 6,128.62 | 6,066.84 | 6,066.09 | 43.41 | 1.61 | 18.72 | -1,419.92 | -5,508.87 | 3,735.89 | 3,706.65 | 29.24 | 127.784 | | |
| 6,600.00 | 6,221.59 | 6,146.47 | 6,145.72 | 44.17 | 1.63 | 18.89 | -1,419.01 | -5,508.37 | 3,700.04 | 3,670.26 | 29.78 | 124.259 | | |
| 6,700.00 | 6,314.55 | 6,225.78 | 6,225.02 | 44.94 | 1.65 | 19.07 | -1,418.22 | -5,508.20 | 3,664.61 | 3,634.29 | 30.32 | 120.857 | | |
| 6,800.00 | 6,407.52 | 6,312.92 | 6,312.15 | 45.70 | 1.67 | 19.25 | -1,417.44 | -5,508.20 | 3,629.44 | 3,598.59 | 30.86 | 117.623 | | |
| 6,900.00 | 6,499.98 | 6,400.28 | 6,399.52 | 46.49 | 1.69 | 19.09 | -1,416.66 | -5,508.33 | 3,593.10 | 3,561.70 | 31.39 | 114.451 | | |
| 7,000.00 | 6,586.50 | 6,487.69 | 6,486.92 | 47.49 | 1.71 | 8.28 | -1,415.92 | -5,508.50 | 3,544.02 | 3,512.10 | 31.91 | 111.055 | | |
| 7,100.00 | 6,663.58 | 6,559.58 | 6,558.81 | 48.75 | 1.72 | 3.65 | -1,415.42 | -5,508.66 | 3,480.81 | 3,448.42 | 32.39 | 107.472 | | |
| 7,200.00 | 6,728.87 | 6,620.73 | 6,619.96 | 50.23 | 1.74 | -0.63 | -1,415.11 | -5,508.88 | 3,405.43 | 3,372.66 | 32.77 | 103.908 | | |
| 7,300.00 | 6,780.38 | 6,670.74 | 6,669.97 | 51.91 | 1.75 | -6.19 | -1,414.89 | -5,509.10 | 3,320.10 | 3,287.06 | 33.04 | 100.496 | | |
| 7,400.00 | 6,816.56 | 6,706.07 | 6,705.30 | 53.74 | 1.75 | -16.56 | -1,414.75 | -5,509.27 | 3,227.37 | 3,194.20 | 33.16 | 97.314 | | |
| 7,500.00 | 6,836.29 | 6,724.47 | 6,723.70 | 55.65 | 1.76 | -45.44 | -1,414.68 | -5,509.37 | 3,130.07 | 3,096.92 | 33.15 | 94.415 | | |
| 7,600.00 | 6,840.00 | 6,728.42 | 6,727.64 | 57.58 | 1.76 | -87.96 | -1,414.67 | -5,509.39 | 3,031.13 | 2,998.12 | 33.01 | 91.825 | | |
| 7,700.00 | 6,840.00 | 6,728.94 | 6,728.17 | 59.56 | 1.76 | -88.03 | -1,414.67 | -5,509.39 | 2,932.19 | 2,899.35 | 32.84 | 89.292 | | |
| 7,800.00 | 6,840.00 | 6,729.46 | 6,728.69 | 61.60 | 1.76 | -88.10 | -1,414.66 | -5,509.40 | 2,833.32 | 2,800.66 | 32.67 | 86.737 | | |
| 7,900.00 | 6,840.00 | 6,729.99 | 6,729.22 | 63.69 | 1.76 | -88.17 | -1,414.66 | -5,509.40 | 2,734.54 | 2,702.04 | 32.49 | 84.153 | | |
| 8,000.00 | 6,840.00 | 6,730.52 | 6,729.75 | 65.82 | 1.76 | -88.24 | -1,414.66 | -5,509.40 | 2,635.84 | 2,603.51 | 32.33 | 81.536 | | |
| 8,100.00 | 6,840.00 | 6,731.05 | 6,730.28 | 67.99 | 1.76 | -88.31 | -1,414.66 | -5,509.41 | 2,537.25 | 2,505.08 | 32.17 | 78.880 | | |
| 8,200.00 | 6,840.00 | 6,731.59 | 6,730.81 | 70.21 | 1.76 | -88.38 | -1,414.66 | -5,509.41 | 2,438.77 | 2,406.76 | 32.01 | 76.178 | | |
| 8,300.00 | 6,840.00 | 6,732.13 | 6,731.35 | 72.45 | 1.76 | -88.46 | -1,414.65 | -5,509.41 | 2,340.42 | 2,308.55 | 31.88 | 73.421 | | |
| 8,400.00 | 6,840.00 | 6,732.67 | 6,731.89 | 74.73 | 1.76 | -88.53 | -1,414.65 | -5,509.41 | 2,242.22 | 2,210.46 | 31.76 | 70.598 | | |
| 8,500.00 | 6,840.00 | 6,733.21 | 6,732.43 | 77.04 | 1.76 | -88.60 | -1,414.65 | -5,509.42 | 2,144.18 | 2,112.51 | 31.67 | 67.698 | | |
| 8,600.00 | 6,840.00 | 6,733.75 | 6,732.98 | 79.38 | 1.76 | -88.67 | -1,414.65 | -5,509.42 | 2,046.33 | 2,014.71 | 31.62 | 64.707 | | |
| 8,700.00 | 6,840.00 | 6,734.30 | 6,733.53 | 81.74 | 1.76 | -88.74 | -1,414.65 | -5,509.42 | 1,948.71 | 1,917.08 | 31.63 | 61.608 | | |
| 8,800.00 | 6,840.00 | 6,734.85 | 6,734.07 | 84.12 | 1.76 | -88.82 | -1,414.64 | -5,509.43 | 1,851.33 | 1,819.62 | 31.71 | 58.386 | | |
| 8,900.00 | 6,840.00 | 6,735.40 | 6,734.63 | 86.52 | 1.76 | -88.89 | -1,414.64 | -5,509.43 | 1,754.25 | 1,722.37 | 31.88 | 55.021 | | |
| 9,000.00 | 6,840.00 | 6,735.96 | 6,735.18 | 88.94 | 1.76 | -88.96 | -1,414.64 | -5,509.43 | 1,657.52 | 1,625.33 | 32.19 | 51.498 | | |
| 9,100.00 | 6,840.00 | 6,736.52 | 6,735.74 | 91.38 | 1.76 | -89.04 | -1,414.64 | -5,509.44 | 1,561.19 | 1,528.54 | 32.66 | 47.804 | | |
| 9,200.00 | 6,840.00 | 6,737.08 | 6,736.30 | 93.83 | 1.76 | -89.11 | -1,414.64 | -5,509.44 | 1,465.36 | 1,432.01 | 33.35 | 43.936 | | |
| 9,300.00 | 6,840.00 | 6,737.64 | 6,736.86 | 96.30 | 1.76 | -89.19 | -1,414.64 | -5,509.44 | 1,370.13 | 1,335.79 | 34.34 | 39.904 | | |
| 9,400.00 | 6,840.00 | 6,738.20 | 6,737.43 | 98.79 | 1.76 | -89.26 | -1,414.63 | -5,509.45 | 1,275.62 | 1,239.93 | 35.70 | 35.735 | | |
| 9,500.00 | 6,840.00 | 6,738.77 | 6,738.00 | 101.28 | 1.76 | -89.34 | -1,414.63 | -5,509.45 | 1,182.02 | 1,144.48 | 37.54 | 31.484 | | |
| 9,600.00 | 6,840.00 | 6,739.34 | 6,738.57 | 103.79 | 1.76 | -89.41 | -1,414.63 | -5,509.45 | 1,089.56 | 1,049.55 | 40.01 | 27.230 | | |
| 9,700.00 | 6,840.00 | 6,739.92 | 6,739.14 | 106.30 | 1.76 | -89.49 | -1,414.63 | -5,509.46 | 998.55 | 955.28 | 43.27 | 23.075 | | |
| 9,800.00 | 6,840.00 | 6,740.49 | 6,739.72 | 108.83 | 1.76 | -89.57 | -1,414.63 | -5,509.46 | 909.43 | 861.89 | 47.54 | 19.130 | | |
| 9,900.00 | 6,840.00 | 6,741.07 | 6,740.30 | 111.37 | 1.76 | -89.64 | -1,414.62 | -5,509.46 | 822.82 | 769.76 | 53.06 | 15.508 | | |
| 10,000.00 | 6,840.00 | 6,741.66 | 6,740.88 | 113.91 | 1.76 | -89.72 | -1,414.62 | -5,509.47 | 739.59 | 679.46 | 60.13 | 12.299 | | |
| 10,100.00 | 6,840.00 | 6,742.24 | 6,741.47 | 116.47 | 1.76 | -89.80 | -1,414.62 | -5,509.47 | 661.02 | 591.95 | 69.07 | 9.570 | | |
| 10,200.00 | 6,840.00 | 6,742.83 | 6,742.05 | 119.03 | 1.76 | -89.87 | -1,414.62 | -5,509.47 | 588.99 | 508.88 | 80.11 | 7.352 | | |
| 10,300.00 | 6,840.00 | 6,743.42 | 6,742.65 | 121.59 | 1.76 | -89.95 | -1,414.62 | -5,509.48 | 526.18 | 433.00 | 93.18 | 5.647 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 101-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 6,744.01 | 6,743.24 | 124.17 | 1.76 | -90.03 | -1,414.61 | -5,509.48 | 476.26 | 368.84 | 107.42 | 4.434 | | |
| 10,500.00 | 6,840.00 | 6,744.61 | 6,743.84 | 126.75 | 1.76 | -90.11 | -1,414.61 | -5,509.48 | 443.60 | 322.88 | 120.72 | 3.675 | | |
| 10,600.00 | 6,840.00 | 6,745.21 | 6,744.44 | 129.34 | 1.76 | -90.19 | -1,414.61 | -5,509.49 | 432.13 | 302.12 | 130.01 | 3.324 | | |
| 10,600.22 | 6,840.00 | 6,745.21 | 6,744.44 | 129.34 | 1.76 | -90.19 | -1,414.61 | -5,509.49 | 432.13 | 302.11 | 130.02 | 3.323 CC, ES, SF | | |
| 10,700.00 | 6,840.00 | 6,745.81 | 6,745.04 | 131.93 | 1.76 | -90.27 | -1,414.61 | -5,509.49 | 443.50 | 310.41 | 133.09 | 3.332 | | |
| 10,800.00 | 6,840.00 | 6,746.42 | 6,745.64 | 134.53 | 1.76 | -90.35 | -1,414.61 | -5,509.50 | 476.07 | 345.72 | 130.35 | 3.652 | | |
| 10,900.00 | 6,840.00 | 6,747.03 | 6,746.25 | 137.13 | 1.76 | -90.43 | -1,414.60 | -5,509.50 | 525.93 | 401.86 | 124.07 | 4.239 | | |
| 11,000.00 | 6,840.00 | 6,747.64 | 6,746.86 | 139.73 | 1.76 | -90.51 | -1,414.60 | -5,509.50 | 588.69 | 472.18 | 116.50 | 5.053 | | |
| 11,100.00 | 6,840.00 | 6,748.25 | 6,747.48 | 142.35 | 1.76 | -90.59 | -1,414.60 | -5,509.51 | 660.69 | 551.65 | 109.03 | 6.060 | | |
| 11,200.00 | 6,840.00 | 6,748.87 | 6,748.10 | 144.96 | 1.76 | -90.68 | -1,414.60 | -5,509.51 | 739.23 | 636.97 | 102.25 | 7.229 | | |
| 11,300.00 | 6,840.00 | 6,749.49 | 6,748.72 | 147.58 | 1.76 | -90.76 | -1,414.60 | -5,509.51 | 822.44 | 726.10 | 96.34 | 8.537 | | |
| 11,400.00 | 6,840.00 | 6,750.12 | 6,749.34 | 150.20 | 1.76 | -90.84 | -1,414.59 | -5,509.52 | 909.04 | 817.79 | 91.25 | 9.962 | | |
| 11,500.00 | 6,840.00 | 6,750.74 | 6,749.97 | 152.83 | 1.76 | -90.92 | -1,414.59 | -5,509.52 | 998.15 | 911.26 | 86.89 | 11.487 | | |
| 11,600.00 | 6,840.00 | 6,751.37 | 6,750.60 | 155.46 | 1.76 | -91.01 | -1,414.59 | -5,509.53 | 1,089.15 | 1,005.99 | 83.16 | 13.096 | | |
| 11,700.00 | 6,840.00 | 6,752.01 | 6,751.23 | 158.09 | 1.76 | -91.09 | -1,414.59 | -5,509.53 | 1,181.61 | 1,101.65 | 79.96 | 14.778 | | |
| 11,800.00 | 6,840.00 | 6,752.64 | 6,751.87 | 160.73 | 1.76 | -91.18 | -1,414.58 | -5,509.53 | 1,275.21 | 1,198.02 | 77.18 | 16.522 | | |
| 11,900.00 | 6,840.00 | 6,753.28 | 6,752.51 | 163.36 | 1.76 | -91.26 | -1,414.58 | -5,509.54 | 1,369.71 | 1,294.93 | 74.77 | 18.318 | | |
| 12,000.00 | 6,840.00 | 6,753.93 | 6,753.15 | 166.01 | 1.76 | -91.35 | -1,414.58 | -5,509.54 | 1,464.94 | 1,392.27 | 72.66 | 20.160 | | |
| 12,100.00 | 6,840.00 | 6,754.57 | 6,753.80 | 168.65 | 1.76 | -91.43 | -1,414.58 | -5,509.55 | 1,560.76 | 1,489.96 | 70.81 | 22.042 | | |
| 12,200.00 | 6,840.00 | 6,755.22 | 6,754.45 | 171.30 | 1.76 | -91.52 | -1,414.58 | -5,509.55 | 1,657.08 | 1,587.92 | 69.17 | 23.957 | | |
| 12,300.00 | 6,840.00 | 6,755.88 | 6,755.10 | 173.94 | 1.76 | -91.60 | -1,414.57 | -5,509.55 | 1,753.82 | 1,686.11 | 67.71 | 25.902 | | |
| 12,400.00 | 6,840.00 | 6,756.53 | 6,755.76 | 176.59 | 1.76 | -91.69 | -1,414.57 | -5,509.56 | 1,850.90 | 1,784.49 | 66.41 | 27.872 | | |
| 12,500.00 | 6,840.00 | 6,757.19 | 6,756.42 | 179.25 | 1.76 | -91.78 | -1,414.57 | -5,509.56 | 1,948.27 | 1,883.03 | 65.24 | 29.864 | | |
| 12,600.00 | 6,840.00 | 6,757.86 | 6,757.08 | 181.90 | 1.76 | -91.87 | -1,414.57 | -5,509.57 | 2,045.90 | 1,981.71 | 64.19 | 31.874 | | |
| 12,700.00 | 6,840.00 | 6,758.52 | 6,757.75 | 184.56 | 1.76 | -91.95 | -1,414.57 | -5,509.57 | 2,143.74 | 2,080.51 | 63.24 | 33.901 | | |
| 12,800.00 | 6,840.00 | 6,759.19 | 6,758.42 | 187.22 | 1.76 | -92.04 | -1,414.56 | -5,509.57 | 2,241.78 | 2,179.41 | 62.37 | 35.942 | | |
| 12,900.00 | 6,840.00 | 6,759.87 | 6,759.09 | 189.88 | 1.76 | -92.13 | -1,414.56 | -5,509.58 | 2,339.98 | 2,278.39 | 61.59 | 37.995 | | |
| 13,000.00 | 6,840.00 | 6,760.54 | 6,759.77 | 192.54 | 1.76 | -92.22 | -1,414.56 | -5,509.58 | 2,438.33 | 2,377.46 | 60.87 | 40.058 | | |
| 13,100.00 | 6,840.00 | 6,761.23 | 6,760.45 | 195.20 | 1.76 | -92.31 | -1,414.56 | -5,509.59 | 2,536.81 | 2,476.59 | 60.21 | 42.131 | | |
| 13,200.00 | 6,840.00 | 6,761.91 | 6,761.13 | 197.87 | 1.76 | -92.40 | -1,414.56 | -5,509.59 | 2,635.40 | 2,575.79 | 59.61 | 44.210 | | |
| 13,300.00 | 6,840.00 | 6,762.60 | 6,761.82 | 200.53 | 1.76 | -92.49 | -1,414.55 | -5,509.60 | 2,734.09 | 2,675.03 | 59.06 | 46.296 | | |
| 13,400.00 | 6,840.00 | 6,763.29 | 6,762.51 | 203.20 | 1.76 | -92.59 | -1,414.55 | -5,509.60 | 2,832.88 | 2,774.33 | 58.55 | 48.387 | | |
| 13,500.00 | 6,840.00 | 6,763.99 | 6,763.21 | 205.87 | 1.76 | -92.68 | -1,414.55 | -5,509.61 | 2,931.74 | 2,873.67 | 58.07 | 50.482 | | |
| 13,600.00 | 6,840.00 | 6,764.68 | 6,763.91 | 208.54 | 1.76 | -92.77 | -1,414.55 | -5,509.61 | 3,030.68 | 2,973.05 | 57.64 | 52.581 | | |
| 13,700.00 | 6,840.00 | 6,765.39 | 6,764.61 | 211.22 | 1.76 | -92.86 | -1,414.54 | -5,509.61 | 3,129.69 | 3,072.46 | 57.23 | 54.682 | | |
| 13,800.00 | 6,840.00 | 6,766.09 | 6,765.32 | 213.89 | 1.76 | -92.96 | -1,414.54 | -5,509.62 | 3,228.76 | 3,171.90 | 56.86 | 56.785 | | |
| 13,900.00 | 6,840.00 | 6,766.80 | 6,766.03 | 216.56 | 1.76 | -93.05 | -1,414.54 | -5,509.62 | 3,327.89 | 3,271.38 | 56.51 | 58.889 | | |
| 14,000.00 | 6,840.00 | 6,767.52 | 6,766.74 | 219.24 | 1.76 | -93.15 | -1,414.54 | -5,509.63 | 3,427.06 | 3,370.88 | 56.19 | 60.994 | | |
| 14,100.00 | 6,840.00 | 6,768.24 | 6,767.46 | 221.92 | 1.76 | -93.24 | -1,414.54 | -5,509.63 | 3,526.29 | 3,470.40 | 55.88 | 63.099 | | |
| 14,200.00 | 6,840.00 | 6,768.96 | 6,768.18 | 224.59 | 1.76 | -93.34 | -1,414.53 | -5,509.64 | 3,625.55 | 3,569.95 | 55.60 | 65.204 | | |
| 14,300.00 | 6,840.00 | 6,769.68 | 6,768.91 | 227.27 | 1.76 | -93.43 | -1,414.53 | -5,509.64 | 3,724.86 | 3,669.51 | 55.34 | 67.308 | | |
| 14,400.00 | 6,840.00 | 6,770.41 | 6,769.64 | 229.95 | 1.76 | -93.53 | -1,414.53 | -5,509.65 | 3,824.20 | 3,769.10 | 55.10 | 69.411 | | |
| 14,500.00 | 6,840.00 | 6,771.15 | 6,770.37 | 232.63 | 1.77 | -93.62 | -1,414.53 | -5,509.65 | 3,923.57 | 3,868.70 | 54.87 | 71.512 | | |
| 14,600.00 | 6,840.00 | 6,771.88 | 6,771.11 | 235.31 | 1.77 | -93.72 | -1,414.52 | -5,509.66 | 4,022.97 | 3,968.32 | 54.65 | 73.611 | | |
| 14,700.00 | 6,840.00 | 6,772.63 | 6,771.85 | 238.00 | 1.77 | -93.82 | -1,414.52 | -5,509.66 | 4,122.41 | 4,067.96 | 54.45 | 75.708 | | |
| 14,800.00 | 6,840.00 | 6,773.37 | 6,772.60 | 240.68 | 1.77 | -93.92 | -1,414.52 | -5,509.67 | 4,221.87 | 4,167.60 | 54.26 | 77.803 | | |
| 14,900.00 | 6,840.00 | 6,774.12 | 6,773.35 | 243.36 | 1.77 | -94.02 | -1,414.52 | -5,509.67 | 4,321.35 | 4,267.26 | 54.09 | 79.895 | | |
| 15,000.00 | 6,840.00 | 6,774.88 | 6,774.10 | 246.05 | 1.77 | -94.12 | -1,414.52 | -5,509.68 | 4,420.86 | 4,366.94 | 53.92 | 81.984 | | |
| 15,100.00 | 6,840.00 | 6,775.63 | 6,774.86 | 248.74 | 1.77 | -94.22 | -1,414.51 | -5,509.68 | 4,520.39 | 4,466.62 | 53.77 | 84.070 | | |
| 15,200.00 | 6,840.00 | 6,776.40 | 6,775.62 | 251.42 | 1.77 | -94.32 | -1,414.51 | -5,509.69 | 4,619.94 | 4,566.31 | 53.63 | 86.152 | | |
| 15,300.00 | 6,840.00 | 6,777.16 | 6,776.39 | 254.11 | 1.77 | -94.42 | -1,414.51 | -5,509.69 | 4,719.51 | 4,666.02 | 53.49 | 88.231 | | |
| 15,400.00 | 6,840.00 | 6,777.93 | 6,777.16 | 256.80 | 1.77 | -94.52 | -1,414.51 | -5,509.70 | 4,819.09 | 4,765.73 | 53.36 | 90.306 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 101-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,500.00 | 6,840.00 | 6,778.71 | 6,777.93 | 259.49 | 1.77 | -94.62 | -1,414.50 | -5,509.70 | 4,918.70 | 4,865.45 | 53.25 | 92.377 | | |
| 15,600.00 | 6,840.00 | 6,779.49 | 6,778.71 | 262.17 | 1.77 | -94.73 | -1,414.50 | -5,509.71 | 5,018.31 | 4,965.18 | 53.14 | 94.444 | | |
| 15,700.00 | 6,840.00 | 6,780.27 | 6,779.50 | 264.86 | 1.77 | -94.83 | -1,414.50 | -5,509.71 | 5,117.95 | 5,064.92 | 53.03 | 96.506 | | |
| 15,800.00 | 6,840.00 | 6,781.06 | 6,780.29 | 267.55 | 1.77 | -94.93 | -1,414.50 | -5,509.72 | 5,217.60 | 5,164.66 | 52.94 | 98.564 | | |
| 15,900.00 | 6,840.00 | 6,781.86 | 6,781.08 | 270.25 | 1.77 | -95.04 | -1,414.49 | -5,509.73 | 5,317.26 | 5,264.41 | 52.85 | 100.617 | | |
| 16,000.00 | 6,840.00 | 6,782.65 | 6,781.88 | 272.94 | 1.77 | -95.14 | -1,414.49 | -5,509.73 | 5,416.93 | 5,364.17 | 52.76 | 102.666 | | |
| 16,100.00 | 6,840.00 | 6,783.46 | 6,782.68 | 275.63 | 1.77 | -95.25 | -1,414.49 | -5,509.74 | 5,516.61 | 5,463.93 | 52.68 | 104.710 | | |
| 16,200.00 | 6,840.00 | 6,784.26 | 6,783.49 | 278.32 | 1.77 | -95.35 | -1,414.49 | -5,509.74 | 5,616.31 | 5,563.70 | 52.61 | 106.748 | | |
| 16,300.00 | 6,840.00 | 6,785.07 | 6,784.30 | 281.02 | 1.77 | -95.46 | -1,414.49 | -5,509.75 | 5,716.02 | 5,663.47 | 52.55 | 108.782 | | |
| 16,400.00 | 6,840.00 | 6,785.89 | 6,785.11 | 283.71 | 1.77 | -95.57 | -1,414.48 | -5,509.75 | 5,815.73 | 5,763.25 | 52.48 | 110.810 | | |
| 16,500.00 | 6,840.00 | 6,786.71 | 6,785.93 | 286.40 | 1.77 | -95.68 | -1,414.48 | -5,509.76 | 5,915.46 | 5,863.03 | 52.43 | 112.833 | | |
| 16,600.00 | 6,840.00 | 6,787.53 | 6,786.76 | 289.10 | 1.77 | -95.78 | -1,414.48 | -5,509.77 | 6,015.19 | 5,962.82 | 52.37 | 114.851 | | |
| 16,700.00 | 6,840.00 | 6,788.36 | 6,787.59 | 291.79 | 1.77 | -95.89 | -1,414.48 | -5,509.77 | 6,114.94 | 6,062.61 | 52.33 | 116.864 | | |
| 16,800.00 | 6,840.00 | 6,789.20 | 6,788.42 | 294.49 | 1.77 | -96.00 | -1,414.47 | -5,509.78 | 6,214.69 | 6,162.41 | 52.28 | 118.870 | | |
| 16,900.00 | 6,840.00 | 6,790.04 | 6,789.26 | 297.19 | 1.77 | -96.11 | -1,414.47 | -5,509.78 | 6,314.45 | 6,262.21 | 52.24 | 120.871 | | |
| 17,000.00 | 6,840.00 | 6,790.88 | 6,790.11 | 299.88 | 1.77 | -96.22 | -1,414.47 | -5,509.79 | 6,414.21 | 6,362.01 | 52.20 | 122.867 | | |
| 17,100.00 | 6,840.00 | 6,791.73 | 6,790.96 | 302.58 | 1.77 | -96.33 | -1,414.47 | -5,509.80 | 6,513.99 | 6,461.81 | 52.17 | 124.856 | | |
| 17,200.00 | 6,840.00 | 6,792.59 | 6,791.81 | 305.28 | 1.77 | -96.45 | -1,414.46 | -5,509.80 | 6,613.77 | 6,561.62 | 52.14 | 126.840 | | |
| 17,300.00 | 6,840.00 | 6,793.45 | 6,792.67 | 307.97 | 1.77 | -96.56 | -1,414.46 | -5,509.81 | 6,713.55 | 6,661.44 | 52.12 | 128.818 | | |
| 17,400.00 | 6,840.00 | 6,794.31 | 6,793.54 | 310.67 | 1.77 | -96.67 | -1,414.46 | -5,509.81 | 6,813.35 | 6,761.25 | 52.09 | 130.790 | | |
| 17,500.00 | 6,840.00 | 6,795.18 | 6,794.41 | 313.37 | 1.77 | -96.79 | -1,414.46 | -5,509.82 | 6,913.15 | 6,861.07 | 52.07 | 132.755 | | |
| 17,600.00 | 6,840.00 | 6,796.06 | 6,795.28 | 316.07 | 1.77 | -96.90 | -1,414.46 | -5,509.83 | 7,012.95 | 6,960.89 | 52.06 | 134.715 | | |
| 17,700.00 | 6,840.00 | 6,796.94 | 6,796.16 | 318.77 | 1.77 | -97.02 | -1,414.45 | -5,509.83 | 7,112.76 | 7,060.72 | 52.04 | 136.668 | | |
| 17,800.00 | 6,840.00 | 6,797.82 | 6,797.05 | 321.47 | 1.77 | -97.13 | -1,414.45 | -5,509.84 | 7,212.58 | 7,160.54 | 52.03 | 138.616 | | |
| 17,900.00 | 6,840.00 | 6,798.72 | 6,797.94 | 324.17 | 1.77 | -97.25 | -1,414.45 | -5,509.85 | 7,312.40 | 7,260.37 | 52.02 | 140.557 | | |
| 18,000.00 | 6,840.00 | 6,799.61 | 6,798.84 | 326.87 | 1.77 | -97.37 | -1,414.45 | -5,509.85 | 7,412.22 | 7,360.20 | 52.02 | 142.491 | | |
| 18,100.00 | 6,840.00 | 6,800.55 | 6,799.77 | 329.57 | 1.77 | -97.49 | -1,414.44 | -5,509.86 | 7,512.05 | 7,460.03 | 52.02 | 144.419 | | |
| 18,200.00 | 6,840.00 | 6,801.51 | 6,800.74 | 332.27 | 1.77 | -97.61 | -1,414.44 | -5,509.87 | 7,611.88 | 7,559.87 | 52.01 | 146.340 | | |
| 18,300.00 | 6,840.00 | 6,802.49 | 6,801.71 | 334.97 | 1.77 | -97.74 | -1,414.44 | -5,509.87 | 7,711.72 | 7,659.71 | 52.02 | 148.255 | | |
| 18,400.00 | 6,840.00 | 6,803.47 | 6,802.69 | 337.67 | 1.77 | -97.87 | -1,414.44 | -5,509.88 | 7,811.56 | 7,759.54 | 52.02 | 150.163 | | |
| 18,500.00 | 6,840.00 | 6,804.46 | 6,803.68 | 340.38 | 1.77 | -98.00 | -1,414.43 | -5,509.89 | 7,911.41 | 7,859.38 | 52.03 | 152.065 | | |
| 18,600.00 | 6,840.00 | 6,805.46 | 6,804.68 | 343.08 | 1.77 | -98.13 | -1,414.43 | -5,509.90 | 8,011.26 | 7,959.23 | 52.03 | 153.960 | | |
| 18,700.00 | 6,840.00 | 6,806.47 | 6,805.69 | 345.78 | 1.77 | -98.26 | -1,414.43 | -5,509.90 | 8,111.11 | 8,059.07 | 52.04 | 155.848 | | |
| 18,800.00 | 6,840.00 | 6,807.48 | 6,806.70 | 348.48 | 1.77 | -98.39 | -1,414.42 | -5,509.91 | 8,210.97 | 8,158.91 | 52.06 | 157.730 | | |
| 18,900.00 | 6,840.00 | 6,808.50 | 6,807.73 | 351.19 | 1.77 | -98.52 | -1,414.42 | -5,509.92 | 8,310.83 | 8,258.76 | 52.07 | 159.605 | | |
| 19,000.00 | 6,840.00 | 6,809.53 | 6,808.76 | 353.89 | 1.77 | -98.66 | -1,414.42 | -5,509.93 | 8,410.69 | 8,358.61 | 52.09 | 161.473 | | |
| 19,100.00 | 6,840.00 | 6,810.57 | 6,809.79 | 356.59 | 1.77 | -98.79 | -1,414.42 | -5,509.94 | 8,510.56 | 8,458.46 | 52.10 | 163.335 | | |
| 19,200.00 | 6,840.00 | 6,811.62 | 6,810.84 | 359.30 | 1.77 | -98.93 | -1,414.41 | -5,509.94 | 8,610.43 | 8,558.31 | 52.12 | 165.190 | | |
| 19,300.00 | 6,840.00 | 6,812.68 | 6,811.90 | 362.00 | 1.77 | -99.06 | -1,414.41 | -5,509.95 | 8,710.30 | 8,658.16 | 52.15 | 167.038 | | |
| 19,400.00 | 6,840.00 | 6,813.74 | 6,812.96 | 364.71 | 1.77 | -99.20 | -1,414.41 | -5,509.96 | 8,810.18 | 8,758.01 | 52.17 | 168.879 | | |
| 19,500.00 | 6,840.00 | 6,814.81 | 6,814.04 | 367.41 | 1.77 | -99.34 | -1,414.40 | -5,509.97 | 8,910.06 | 8,857.86 | 52.19 | 170.713 | | |
| 19,600.00 | 6,840.00 | 6,815.90 | 6,815.12 | 370.11 | 1.77 | -99.48 | -1,414.40 | -5,509.98 | 9,009.94 | 8,957.72 | 52.22 | 172.540 | | |
| 19,700.00 | 6,840.00 | 6,816.99 | 6,816.21 | 372.82 | 1.77 | -99.62 | -1,414.40 | -5,509.99 | 9,109.82 | 9,057.57 | 52.25 | 174.361 | | |
| 19,800.00 | 6,840.00 | 6,818.09 | 6,817.31 | 375.53 | 1.77 | -99.76 | -1,414.39 | -5,509.99 | 9,209.70 | 9,157.43 | 52.28 | 176.175 | | |
| 19,900.00 | 6,840.00 | 6,819.20 | 6,818.42 | 378.23 | 1.77 | -99.91 | -1,414.39 | -5,510.00 | 9,309.59 | 9,257.29 | 52.31 | 177.981 | | |
| 20,000.00 | 6,840.00 | 6,820.32 | 6,819.54 | 380.94 | 1.77 | -100.05 | -1,414.39 | -5,510.01 | 9,409.48 | 9,357.14 | 52.34 | 179.781 | | |
| 20,100.00 | 6,840.00 | 6,821.45 | 6,820.67 | 383.64 | 1.77 | -100.19 | -1,414.39 | -5,510.02 | 9,509.38 | 9,457.00 | 52.37 | 181.574 | | |
| 20,200.00 | 6,840.00 | 6,822.59 | 6,821.81 | 386.35 | 1.77 | -100.34 | -1,414.38 | -5,510.03 | 9,609.27 | 9,556.86 | 52.41 | 183.360 | | |
| 20,300.00 | 6,840.00 | 6,823.74 | 6,822.96 | 389.05 | 1.77 | -100.49 | -1,414.38 | -5,510.04 | 9,709.17 | 9,656.72 | 52.44 | 185.138 | | |
| 20,400.00 | 6,840.00 | 6,824.89 | 6,824.12 | 391.76 | 1.77 | -100.64 | -1,414.38 | -5,510.05 | 9,809.06 | 9,756.58 | 52.48 | 186.910 | | |
| 20,442.82 | 6,840.00 | 6,825.39 | 6,824.62 | 392.92 | 1.77 | -100.70 | -1,414.37 | -5,510.05 | 9,851.84 | 9,799.34 | 52.50 | 187.667 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-9 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -91.74 | -169.51 | -5,583.26 | 5,586.48 | | | | | |
| 100.00 | 100.00 | 15.00 | 15.00 | 0.13 | 0.12 | -91.74 | -169.51 | -5,583.26 | 5,585.83 | 5,585.58 | 0.25 | N/A | | |
| 200.00 | 200.00 | 115.00 | 115.00 | 0.49 | 1.05 | -91.74 | -169.51 | -5,583.26 | 5,585.83 | 5,584.29 | 1.54 | 3,626.935 | | |
| 300.00 | 300.00 | 215.00 | 215.00 | 0.85 | 2.79 | -91.74 | -169.51 | -5,583.26 | 5,585.83 | 5,582.19 | 3.64 | 1,532.928 | | |
| 400.00 | 400.00 | 315.00 | 315.00 | 1.21 | 4.54 | -91.74 | -169.51 | -5,583.26 | 5,585.83 | 5,580.08 | 5.75 | 971.838 | | |
| 500.00 | 500.00 | 415.00 | 415.00 | 1.57 | 6.28 | -91.74 | -169.51 | -5,583.26 | 5,585.83 | 5,577.98 | 7.85 | 711.435 | | |
| 600.00 | 599.98 | 514.98 | 514.98 | 1.92 | 8.03 | 24.08 | -169.51 | -5,583.26 | 5,584.24 | 5,574.30 | 9.94 | 561.609 | | |
| 700.00 | 699.84 | 614.84 | 614.84 | 2.26 | 9.77 | 24.14 | -169.51 | -5,583.26 | 5,579.46 | 5,567.43 | 12.03 | 463.819 | | |
| 800.00 | 799.45 | 714.45 | 714.45 | 2.62 | 11.51 | 24.24 | -169.51 | -5,583.26 | 5,571.51 | 5,557.39 | 14.12 | 394.615 | | |
| 900.00 | 898.70 | 813.70 | 813.70 | 2.99 | 13.24 | 24.38 | -169.51 | -5,583.26 | 5,560.39 | 5,544.18 | 16.21 | 343.045 | | |
| 1,000.00 | 997.47 | 912.47 | 912.47 | 3.39 | 14.97 | 24.57 | -169.51 | -5,583.26 | 5,546.12 | 5,527.82 | 18.30 | 303.102 | | |
| 1,100.00 | 1,095.62 | 1,010.62 | 1,010.62 | 3.81 | 16.68 | 24.80 | -169.51 | -5,583.26 | 5,528.73 | 5,508.34 | 20.38 | 271.220 | | |
| 1,200.00 | 1,193.06 | 1,108.06 | 1,108.06 | 4.27 | 18.38 | 25.07 | -169.51 | -5,583.26 | 5,508.24 | 5,485.77 | 22.47 | 245.155 | | |
| 1,300.00 | 1,289.64 | 1,204.64 | 1,204.64 | 4.77 | 20.07 | 25.40 | -169.51 | -5,583.26 | 5,484.68 | 5,460.13 | 24.55 | 223.423 | | |
| 1,400.00 | 1,385.27 | 1,300.27 | 1,300.27 | 5.31 | 21.73 | 25.77 | -169.51 | -5,583.26 | 5,458.10 | 5,431.47 | 26.62 | 205.003 | | |
| 1,500.00 | 1,479.82 | 1,405.18 | 1,394.82 | 5.91 | 23.57 | 26.18 | -169.51 | -5,583.26 | 5,428.53 | 5,399.65 | 28.88 | 187.987 | | |
| 1,600.00 | 1,573.19 | 1,488.19 | 1,488.19 | 6.55 | 25.01 | 26.60 | -169.51 | -5,583.26 | 5,396.07 | 5,365.31 | 30.77 | 175.391 | | |
| 1,700.00 | 1,666.16 | 1,581.16 | 1,581.16 | 7.23 | 26.64 | 26.77 | -169.51 | -5,583.26 | 5,362.70 | 5,329.87 | 32.83 | 163.347 | | |
| 1,800.00 | 1,759.13 | 1,674.13 | 1,674.13 | 7.93 | 28.26 | 26.95 | -169.51 | -5,583.26 | 5,329.37 | 5,294.47 | 34.90 | 152.683 | | |
| 1,900.00 | 1,852.10 | 1,767.10 | 1,767.10 | 8.64 | 29.88 | 27.12 | -169.51 | -5,583.26 | 5,296.09 | 5,259.10 | 36.99 | 143.182 | | |
| 2,000.00 | 1,945.06 | 1,860.06 | 1,860.06 | 9.35 | 31.50 | 27.30 | -169.51 | -5,583.26 | 5,262.85 | 5,223.77 | 39.08 | 134.670 | | |
| 2,100.00 | 2,038.03 | 1,953.03 | 1,953.03 | 10.08 | 33.13 | 27.49 | -169.51 | -5,583.26 | 5,229.67 | 5,188.49 | 41.18 | 127.002 | | |
| 2,200.00 | 2,131.00 | 2,046.00 | 2,046.00 | 10.81 | 34.75 | 27.67 | -169.51 | -5,583.26 | 5,196.53 | 5,153.25 | 43.28 | 120.062 | | |
| 2,300.00 | 2,223.97 | 2,138.97 | 2,138.97 | 11.54 | 36.37 | 27.86 | -169.51 | -5,583.26 | 5,163.44 | 5,118.05 | 45.39 | 113.752 | | |
| 2,400.00 | 2,316.94 | 2,231.94 | 2,231.94 | 12.28 | 37.99 | 28.05 | -169.51 | -5,583.26 | 5,130.41 | 5,082.90 | 47.51 | 107.993 | | |
| 2,500.00 | 2,409.90 | 2,324.90 | 2,324.90 | 13.02 | 39.62 | 28.24 | -169.51 | -5,583.26 | 5,097.42 | 5,047.80 | 49.63 | 102.716 | | |
| 2,600.00 | 2,502.87 | 2,417.87 | 2,417.87 | 13.77 | 41.24 | 28.43 | -169.51 | -5,583.26 | 5,064.49 | 5,012.74 | 51.75 | 97.863 | | |
| 2,700.00 | 2,595.84 | 2,510.84 | 2,510.84 | 14.51 | 42.86 | 28.63 | -169.51 | -5,583.26 | 5,031.62 | 4,977.74 | 53.88 | 93.387 | | |
| 2,800.00 | 2,688.81 | 2,603.81 | 2,603.81 | 15.26 | 44.49 | 28.83 | -169.51 | -5,583.26 | 4,998.79 | 4,942.78 | 56.01 | 89.246 | | |
| 2,900.00 | 2,781.77 | 2,703.23 | 2,696.77 | 16.01 | 46.22 | 29.03 | -169.51 | -5,583.26 | 4,966.03 | 4,907.77 | 58.26 | 85.238 | | |
| 3,000.00 | 2,874.74 | 2,789.74 | 2,789.74 | 16.76 | 47.73 | 29.23 | -169.51 | -5,583.26 | 4,933.32 | 4,873.03 | 60.29 | 81.829 | | |
| 3,100.00 | 2,967.71 | 2,882.71 | 2,882.71 | 17.52 | 49.35 | 29.44 | -169.51 | -5,583.26 | 4,900.67 | 4,838.24 | 62.43 | 78.496 | | |
| 3,200.00 | 3,060.68 | 2,975.68 | 2,975.68 | 18.27 | 50.98 | 29.65 | -169.51 | -5,583.26 | 4,868.08 | 4,803.50 | 64.58 | 75.381 | | |
| 3,300.00 | 3,153.65 | 3,068.65 | 3,068.65 | 19.03 | 52.60 | 29.86 | -169.51 | -5,583.26 | 4,835.56 | 4,768.82 | 66.73 | 72.463 | | |
| 3,400.00 | 3,246.61 | 3,161.61 | 3,161.61 | 19.78 | 54.22 | 30.08 | -169.51 | -5,583.26 | 4,803.09 | 4,734.20 | 68.89 | 69.725 | | |
| 3,500.00 | 3,339.58 | 3,254.58 | 3,254.58 | 20.54 | 55.84 | 30.30 | -169.51 | -5,583.26 | 4,770.69 | 4,699.64 | 71.04 | 67.150 | | |
| 3,600.00 | 3,432.55 | 3,347.55 | 3,347.55 | 21.30 | 57.47 | 30.52 | -169.51 | -5,583.26 | 4,738.35 | 4,665.14 | 73.21 | 64.725 | | |
| 3,700.00 | 3,525.52 | 3,440.52 | 3,440.52 | 22.06 | 59.09 | 30.74 | -169.51 | -5,583.26 | 4,706.08 | 4,630.70 | 75.37 | 62.437 | | |
| 3,800.00 | 3,618.49 | 3,533.49 | 3,533.49 | 22.82 | 60.71 | 30.97 | -169.51 | -5,583.26 | 4,673.87 | 4,596.33 | 77.54 | 60.275 | | |
| 3,900.00 | 3,711.45 | 3,626.45 | 3,626.45 | 23.57 | 62.33 | 31.20 | -169.51 | -5,583.26 | 4,641.74 | 4,562.02 | 79.72 | 58.229 | | |
| 4,000.00 | 3,804.42 | 3,719.42 | 3,719.42 | 24.33 | 63.96 | 31.43 | -169.51 | -5,583.26 | 4,609.67 | 4,527.78 | 81.89 | 56.289 | | |
| 4,100.00 | 3,897.39 | 3,812.39 | 3,812.39 | 25.09 | 65.58 | 31.67 | -169.51 | -5,583.26 | 4,577.68 | 4,493.61 | 84.07 | 54.449 | | |
| 4,200.00 | 3,990.36 | 3,905.36 | 3,905.36 | 25.86 | 67.20 | 31.90 | -169.51 | -5,583.26 | 4,545.76 | 4,459.50 | 86.26 | 52.700 | | |
| 4,300.00 | 4,083.32 | 4,001.68 | 3,998.32 | 26.62 | 68.88 | 32.15 | -169.51 | -5,583.26 | 4,513.92 | 4,425.41 | 88.50 | 51.002 | | |
| 4,400.00 | 4,176.29 | 4,108.71 | 4,091.29 | 27.38 | 70.75 | 32.39 | -169.51 | -5,583.26 | 4,482.15 | 4,391.21 | 90.94 | 49.286 | | |
| 4,500.00 | 4,269.26 | 4,184.26 | 4,184.26 | 28.14 | 72.07 | 32.64 | -169.51 | -5,583.26 | 4,450.46 | 4,357.62 | 92.83 | 47.940 | | |
| 4,600.00 | 4,362.23 | 4,277.23 | 4,277.23 | 28.90 | 73.69 | 32.89 | -169.51 | -5,583.26 | 4,418.85 | 4,323.81 | 95.03 | 46.498 | | |
| 4,700.00 | 4,455.20 | 4,370.20 | 4,370.20 | 29.66 | 75.31 | 33.15 | -169.51 | -5,583.26 | 4,387.32 | 4,290.08 | 97.24 | 45.119 | | |
| 4,800.00 | 4,548.16 | 4,463.16 | 4,463.16 | 30.43 | 76.94 | 33.41 | -169.51 | -5,583.26 | 4,355.87 | 4,256.43 | 99.45 | 43.801 | | |
| 4,900.00 | 4,641.13 | 4,556.13 | 4,556.13 | 31.19 | 78.56 | 33.67 | -169.51 | -5,583.26 | 4,324.51 | 4,222.86 | 101.66 | 42.540 | | |
| 5,000.00 | 4,734.10 | 4,649.10 | 4,649.10 | 31.95 | 80.18 | 33.94 | -169.51 | -5,583.26 | 4,293.24 | 4,189.37 | 103.88 | 41.331 | | |
| 5,100.00 | 4,827.07 | 4,742.07 | 4,742.07 | 32.71 | 81.80 | 34.21 | -169.51 | -5,583.26 | 4,262.06 | 4,155.96 | 106.10 | 40.172 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-9 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,835.04 | 4,835.04 | 33.48 | 83.43 | 34.48 | -169.51 | -5,583.26 | 4,230.96 | 4,122.64 | 108.32 | 39.059 | | |
| 5,300.00 | 5,013.00 | 4,928.00 | 4,928.00 | 34.24 | 85.05 | 34.76 | -169.51 | -5,583.26 | 4,199.96 | 4,089.41 | 110.55 | 37.991 | | |
| 5,400.00 | 5,105.97 | 5,020.97 | 5,020.97 | 35.00 | 86.67 | 35.04 | -169.51 | -5,583.26 | 4,169.06 | 4,056.27 | 112.79 | 36.964 | | |
| 5,500.00 | 5,198.94 | 5,113.94 | 5,113.94 | 35.77 | 88.30 | 35.33 | -169.51 | -5,583.26 | 4,138.25 | 4,023.22 | 115.02 | 35.977 | | |
| 5,600.00 | 5,291.91 | 5,206.91 | 5,206.91 | 36.53 | 89.92 | 35.62 | -169.51 | -5,583.26 | 4,107.54 | 3,990.27 | 117.27 | 35.027 | | |
| 5,700.00 | 5,384.87 | 5,300.13 | 5,299.87 | 37.29 | 91.54 | 35.91 | -169.51 | -5,583.26 | 4,076.93 | 3,957.41 | 119.52 | 34.110 | | |
| 5,800.00 | 5,477.84 | 5,407.16 | 5,392.84 | 38.06 | 93.41 | 36.21 | -169.51 | -5,583.26 | 4,046.43 | 3,924.41 | 122.02 | 33.162 | | |
| 5,900.00 | 5,570.81 | 5,485.81 | 5,485.81 | 38.82 | 94.79 | 36.52 | -169.51 | -5,583.26 | 4,016.03 | 3,892.00 | 124.03 | 32.380 | | |
| 6,000.00 | 5,663.78 | 5,578.78 | 5,578.78 | 39.59 | 96.41 | 36.82 | -169.51 | -5,583.26 | 3,985.74 | 3,859.45 | 126.29 | 31.559 | | |
| 6,100.00 | 5,756.75 | 5,671.75 | 5,671.75 | 40.35 | 98.03 | 37.14 | -169.51 | -5,583.26 | 3,955.56 | 3,827.00 | 128.56 | 30.768 | | |
| 6,200.00 | 5,849.71 | 5,764.71 | 5,764.71 | 41.12 | 99.65 | 37.45 | -169.51 | -5,583.26 | 3,925.50 | 3,794.66 | 130.84 | 30.003 | | |
| 6,300.00 | 5,942.68 | 5,857.68 | 5,857.68 | 41.88 | 101.28 | 37.77 | -169.51 | -5,583.26 | 3,895.55 | 3,762.44 | 133.12 | 29.264 | | |
| 6,400.00 | 6,035.65 | 5,950.65 | 5,950.65 | 42.64 | 102.90 | 38.10 | -169.51 | -5,583.26 | 3,865.72 | 3,730.32 | 135.40 | 28.550 | | |
| 6,500.00 | 6,128.62 | 6,043.62 | 6,043.62 | 43.41 | 104.52 | 38.43 | -169.51 | -5,583.26 | 3,836.02 | 3,698.32 | 137.69 | 27.859 | | |
| 6,600.00 | 6,221.59 | 6,136.59 | 6,136.59 | 44.17 | 106.14 | 38.76 | -169.51 | -5,583.26 | 3,806.43 | 3,666.45 | 139.99 | 27.191 | | |
| 6,700.00 | 6,314.55 | 6,229.55 | 6,229.55 | 44.94 | 107.77 | 39.10 | -169.51 | -5,583.26 | 3,776.98 | 3,634.69 | 142.29 | 26.544 | | |
| 6,800.00 | 6,407.52 | 6,322.52 | 6,322.52 | 45.70 | 109.39 | 39.45 | -169.51 | -5,583.26 | 3,747.66 | 3,603.06 | 144.60 | 25.918 | | |
| 6,900.00 | 6,499.98 | 6,414.98 | 6,414.98 | 46.49 | 111.00 | 36.00 | -169.51 | -5,583.26 | 3,717.10 | 3,570.19 | 146.91 | 25.302 | | |
| 7,000.00 | 6,586.50 | 6,501.50 | 6,501.50 | 47.49 | 112.51 | 31.39 | -169.51 | -5,583.26 | 3,673.67 | 3,524.48 | 149.19 | 24.624 | | |
| 7,100.00 | 6,663.58 | 6,578.58 | 6,578.58 | 48.75 | 113.86 | 30.39 | -169.51 | -5,583.26 | 3,615.87 | 3,464.52 | 151.35 | 23.890 | | |
| 7,200.00 | 6,728.87 | 6,643.87 | 6,643.87 | 50.23 | 115.00 | 32.05 | -169.51 | -5,583.26 | 3,545.49 | 3,392.15 | 153.33 | 23.123 | | |
| 7,300.00 | 6,780.38 | 6,704.62 | 6,695.38 | 51.91 | 116.06 | 36.87 | -169.51 | -5,583.26 | 3,464.67 | 3,309.44 | 155.23 | 22.320 | | |
| 7,400.00 | 6,816.56 | 6,731.56 | 6,731.56 | 53.74 | 116.53 | 47.02 | -169.51 | -5,583.26 | 3,375.89 | 3,219.39 | 156.49 | 21.572 | | |
| 7,500.00 | 6,836.29 | 6,751.29 | 6,751.29 | 55.65 | 116.87 | 67.82 | -169.51 | -5,583.26 | 3,281.82 | 3,124.25 | 157.58 | 20.827 | | |
| 7,600.00 | 6,840.00 | 6,755.00 | 6,755.00 | 57.58 | 116.94 | 90.00 | -169.51 | -5,583.26 | 3,185.33 | 3,027.02 | 158.31 | 20.121 | | |
| 7,700.00 | 6,840.00 | 6,755.00 | 6,755.00 | 59.56 | 116.94 | 90.00 | -169.51 | -5,583.26 | 3,088.75 | 2,929.75 | 159.00 | 19.426 | | |
| 7,800.00 | 6,840.00 | 6,755.00 | 6,755.00 | 61.60 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,992.38 | 2,832.64 | 159.75 | 18.732 | | |
| 7,900.00 | 6,840.00 | 6,755.00 | 6,755.00 | 63.69 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,896.27 | 2,735.71 | 160.56 | 18.039 | | |
| 8,000.00 | 6,840.00 | 6,755.00 | 6,755.00 | 65.82 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,800.43 | 2,638.99 | 161.44 | 17.346 | | |
| 8,100.00 | 6,840.00 | 6,755.00 | 6,755.00 | 67.99 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,704.89 | 2,542.49 | 162.40 | 16.656 | | |
| 8,200.00 | 6,840.00 | 6,755.00 | 6,755.00 | 70.21 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,609.68 | 2,446.24 | 163.44 | 15.967 | | |
| 8,300.00 | 6,840.00 | 6,755.00 | 6,755.00 | 72.45 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,514.84 | 2,350.26 | 164.58 | 15.280 | | |
| 8,400.00 | 6,840.00 | 6,755.00 | 6,755.00 | 74.73 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,420.42 | 2,254.60 | 165.82 | 14.596 | | |
| 8,500.00 | 6,840.00 | 6,755.00 | 6,755.00 | 77.04 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,326.47 | 2,159.28 | 167.19 | 13.915 | | |
| 8,600.00 | 6,840.00 | 6,755.00 | 6,755.00 | 79.38 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,233.04 | 2,064.36 | 168.68 | 13.238 | | |
| 8,700.00 | 6,840.00 | 6,755.00 | 6,755.00 | 81.74 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,140.21 | 1,969.89 | 170.32 | 12.566 | | |
| 8,800.00 | 6,840.00 | 6,755.00 | 6,755.00 | 84.12 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,048.05 | 1,875.92 | 172.12 | 11.899 | | |
| 8,900.00 | 6,840.00 | 6,755.00 | 6,755.00 | 86.52 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,956.66 | 1,782.54 | 174.11 | 11.238 | | |
| 9,000.00 | 6,840.00 | 6,755.00 | 6,755.00 | 88.94 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,866.15 | 1,689.84 | 176.31 | 10.584 | | |
| 9,100.00 | 6,840.00 | 6,755.00 | 6,755.00 | 91.38 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,776.66 | 1,597.92 | 178.74 | 9.940 | | |
| 9,200.00 | 6,840.00 | 6,755.00 | 6,755.00 | 93.83 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,688.36 | 1,506.92 | 181.43 | 9.306 | | |
| 9,300.00 | 6,840.00 | 6,755.00 | 6,755.00 | 96.30 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,601.42 | 1,417.01 | 184.41 | 8.684 | | |
| 9,400.00 | 6,840.00 | 6,755.00 | 6,755.00 | 98.79 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,516.10 | 1,328.39 | 187.71 | 8.077 | | |
| 9,500.00 | 6,840.00 | 6,755.00 | 6,755.00 | 101.28 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,432.68 | 1,241.31 | 191.37 | 7.486 | | |
| 9,600.00 | 6,840.00 | 6,755.00 | 6,755.00 | 103.79 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,351.52 | 1,156.10 | 195.42 | 6.916 | | |
| 9,700.00 | 6,840.00 | 6,755.00 | 6,755.00 | 106.30 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,273.03 | 1,073.16 | 199.88 | 6.369 | | |
| 9,800.00 | 6,840.00 | 6,755.00 | 6,755.00 | 108.83 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,197.76 | 992.99 | 204.76 | 5.850 | | |
| 9,900.00 | 6,840.00 | 6,755.00 | 6,755.00 | 111.37 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,126.34 | 916.27 | 210.07 | 5.362 | | |
| 10,000.00 | 6,840.00 | 6,755.00 | 6,755.00 | 113.91 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,059.55 | 843.80 | 215.75 | 4.911 | | |
| 10,100.00 | 6,840.00 | 6,755.00 | 6,755.00 | 116.47 | 116.94 | 90.00 | -169.51 | -5,583.26 | 998.33 | 776.62 | 221.70 | 4.503 | | |
| 10,200.00 | 6,840.00 | 6,755.00 | 6,755.00 | 119.03 | 116.94 | 90.00 | -169.51 | -5,583.26 | 943.75 | 716.00 | 227.76 | 4.144 | | |
| 10,300.00 | 6,840.00 | 6,755.00 | 6,755.00 | 121.59 | 116.94 | 90.00 | -169.51 | -5,583.26 | 897.04 | 663.41 | 233.63 | 3.840 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-9 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 6,755.00 | 6,755.00 | 124.17 | 116.94 | 90.00 | -169.51 | -5,583.26 | 859.47 | 620.52 | 238.95 | 3.597 | | |
| 10,500.00 | 6,840.00 | 6,755.00 | 6,755.00 | 126.75 | 116.94 | 90.00 | -169.51 | -5,583.26 | 832.29 | 589.00 | 243.29 | 3.421 | | |
| 10,600.00 | 6,840.00 | 6,755.00 | 6,755.00 | 129.34 | 116.94 | 90.00 | -169.51 | -5,583.26 | 816.53 | 570.33 | 246.20 | 3.317 | | |
| 10,679.94 | 6,840.00 | 6,755.00 | 6,755.00 | 131.41 | 116.94 | 90.00 | -169.51 | -5,583.26 | 812.61 | 565.31 | 247.29 | 3.286 | CC, ES | |
| 10,700.00 | 6,840.00 | 6,755.00 | 6,755.00 | 131.93 | 116.94 | 90.00 | -169.51 | -5,583.26 | 812.85 | 565.47 | 247.38 | 3.286 | SF | |
| 10,800.00 | 6,840.00 | 6,755.00 | 6,755.00 | 134.53 | 116.94 | 90.00 | -169.51 | -5,583.26 | 821.43 | 574.70 | 246.73 | 3.329 | | |
| 10,900.00 | 6,840.00 | 6,755.00 | 6,755.00 | 137.13 | 116.94 | 90.00 | -169.51 | -5,583.26 | 841.88 | 597.49 | 244.39 | 3.445 | | |
| 11,000.00 | 6,840.00 | 6,755.00 | 6,755.00 | 139.73 | 116.94 | 90.00 | -169.51 | -5,583.26 | 873.37 | 632.68 | 240.69 | 3.629 | | |
| 11,100.00 | 6,840.00 | 6,755.00 | 6,755.00 | 142.35 | 116.94 | 90.00 | -169.51 | -5,583.26 | 914.76 | 678.72 | 236.04 | 3.875 | | |
| 11,200.00 | 6,840.00 | 6,755.00 | 6,755.00 | 144.96 | 116.94 | 90.00 | -169.51 | -5,583.26 | 964.78 | 733.91 | 230.86 | 4.179 | | |
| 11,300.00 | 6,840.00 | 6,755.00 | 6,755.00 | 147.58 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,022.16 | 796.66 | 225.50 | 4.533 | | |
| 11,400.00 | 6,840.00 | 6,755.00 | 6,755.00 | 150.20 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,085.74 | 865.53 | 220.20 | 4.931 | | |
| 11,500.00 | 6,840.00 | 6,755.00 | 6,755.00 | 152.83 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,154.48 | 939.36 | 215.12 | 5.367 | | |
| 11,600.00 | 6,840.00 | 6,755.00 | 6,755.00 | 155.46 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,227.54 | 1,017.18 | 210.36 | 5.836 | | |
| 11,700.00 | 6,840.00 | 6,755.00 | 6,755.00 | 158.09 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,304.17 | 1,098.23 | 205.94 | 6.333 | | |
| 11,800.00 | 6,840.00 | 6,755.00 | 6,755.00 | 160.73 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,383.79 | 1,181.89 | 201.90 | 6.854 | | |
| 11,900.00 | 6,840.00 | 6,755.00 | 6,755.00 | 163.36 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,465.91 | 1,267.70 | 198.21 | 7.396 | | |
| 12,000.00 | 6,840.00 | 6,755.00 | 6,755.00 | 166.01 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,550.13 | 1,355.27 | 194.85 | 7.955 | | |
| 12,100.00 | 6,840.00 | 6,755.00 | 6,755.00 | 168.65 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,636.13 | 1,444.32 | 191.81 | 8.530 | | |
| 12,200.00 | 6,840.00 | 6,755.00 | 6,755.00 | 171.30 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,723.64 | 1,534.59 | 189.05 | 9.117 | | |
| 12,300.00 | 6,840.00 | 6,755.00 | 6,755.00 | 173.94 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,812.44 | 1,625.89 | 186.54 | 9.716 | | |
| 12,400.00 | 6,840.00 | 6,755.00 | 6,755.00 | 176.59 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,902.35 | 1,718.08 | 184.27 | 10.324 | | |
| 12,500.00 | 6,840.00 | 6,755.00 | 6,755.00 | 179.25 | 116.94 | 90.00 | -169.51 | -5,583.26 | 1,993.23 | 1,811.02 | 182.21 | 10.939 | | |
| 12,600.00 | 6,840.00 | 6,755.00 | 6,755.00 | 181.90 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,084.94 | 1,904.61 | 180.33 | 11.562 | | |
| 12,700.00 | 6,840.00 | 6,755.00 | 6,755.00 | 184.56 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,177.38 | 1,998.77 | 178.61 | 12.191 | | |
| 12,800.00 | 6,840.00 | 6,755.00 | 6,755.00 | 187.22 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,270.46 | 2,093.41 | 177.05 | 12.824 | | |
| 12,900.00 | 6,840.00 | 6,755.00 | 6,755.00 | 189.88 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,364.11 | 2,188.49 | 175.62 | 13.462 | | |
| 13,000.00 | 6,840.00 | 6,755.00 | 6,755.00 | 192.54 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,458.26 | 2,283.95 | 174.31 | 14.103 | | |
| 13,100.00 | 6,840.00 | 6,755.00 | 6,755.00 | 195.20 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,552.85 | 2,379.74 | 173.11 | 14.747 | | |
| 13,200.00 | 6,840.00 | 6,755.00 | 6,755.00 | 197.87 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,647.84 | 2,475.83 | 172.01 | 15.394 | | |
| 13,300.00 | 6,840.00 | 6,755.00 | 6,755.00 | 200.53 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,743.18 | 2,572.19 | 170.99 | 16.043 | | |
| 13,400.00 | 6,840.00 | 6,755.00 | 6,755.00 | 203.20 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,838.85 | 2,668.79 | 170.06 | 16.694 | | |
| 13,500.00 | 6,840.00 | 6,755.00 | 6,755.00 | 205.87 | 116.94 | 90.00 | -169.51 | -5,583.26 | 2,934.81 | 2,765.61 | 169.20 | 17.346 | | |
| 13,600.00 | 6,840.00 | 6,755.00 | 6,755.00 | 208.54 | 116.94 | 90.00 | -169.51 | -5,583.26 | 3,031.02 | 2,862.62 | 168.40 | 17.999 | | |
| 13,700.00 | 6,840.00 | 6,755.00 | 6,755.00 | 211.22 | 116.94 | 90.00 | -169.51 | -5,583.26 | 3,127.48 | 2,959.81 | 167.66 | 18.653 | | |
| 13,800.00 | 6,840.00 | 6,755.00 | 6,755.00 | 213.89 | 116.94 | 90.00 | -169.51 | -5,583.26 | 3,224.15 | 3,057.17 | 166.98 | 19.308 | | |
| 13,900.00 | 6,840.00 | 6,755.00 | 6,755.00 | 216.56 | 116.94 | 90.00 | -169.51 | -5,583.26 | 3,321.01 | 3,154.66 | 166.35 | 19.964 | | |
| 14,000.00 | 6,840.00 | 6,755.00 | 6,755.00 | 219.24 | 116.94 | 90.00 | -169.51 | -5,583.26 | 3,418.06 | 3,252.30 | 165.76 | 20.620 | | |
| 14,100.00 | 6,840.00 | 6,755.00 | 6,755.00 | 221.92 | 116.94 | 90.00 | -169.51 | -5,583.26 | 3,515.28 | 3,350.05 | 165.22 | 21.276 | | |
| 14,200.00 | 6,840.00 | 6,755.00 | 6,755.00 | 224.59 | 116.94 | 90.00 | -169.51 | -5,583.26 | 3,612.64 | 3,447.93 | 164.72 | 21.933 | | |
| 14,300.00 | 6,840.00 | 6,755.00 | 6,755.00 | 227.27 | 116.94 | 90.00 | -169.51 | -5,583.26 | 3,710.15 | 3,545.90 | 164.25 | 22.589 | | |
| 14,400.00 | 6,840.00 | 6,755.00 | 6,755.00 | 229.95 | 116.94 | 90.00 | -169.51 | -5,583.26 | 3,807.78 | 3,643.97 | 163.81 | 23.245 | | |
| 14,500.00 | 6,840.00 | 6,755.00 | 6,755.00 | 232.63 | 116.94 | 90.00 | -169.51 | -5,583.26 | 3,905.54 | 3,742.13 | 163.40 | 23.901 | | |
| 14,600.00 | 6,840.00 | 6,755.00 | 6,755.00 | 235.31 | 116.94 | 90.00 | -169.51 | -5,583.26 | 4,003.40 | 3,840.38 | 163.02 | 24.557 | | |
| 14,700.00 | 6,840.00 | 6,755.00 | 6,755.00 | 238.00 | 116.94 | 90.00 | -169.51 | -5,583.26 | 4,101.37 | 3,938.70 | 162.67 | 25.213 | | |
| 14,800.00 | 6,840.00 | 6,755.00 | 6,755.00 | 240.68 | 116.94 | 90.00 | -169.51 | -5,583.26 | 4,199.43 | 4,037.09 | 162.34 | 25.868 | | |
| 14,900.00 | 6,840.00 | 6,755.00 | 6,755.00 | 243.36 | 116.94 | 90.00 | -169.51 | -5,583.26 | 4,297.59 | 4,135.56 | 162.03 | 26.523 | | |
| 15,000.00 | 6,840.00 | 6,755.00 | 6,755.00 | 246.05 | 116.94 | 90.00 | -169.51 | -5,583.26 | 4,395.83 | 4,234.08 | 161.75 | 27.177 | | |
| 15,100.00 | 6,840.00 | 6,755.00 | 6,755.00 | 248.74 | 116.94 | 90.00 | -169.51 | -5,583.26 | 4,494.14 | 4,332.66 | 161.48 | 27.831 | | |
| 15,200.00 | 6,840.00 | 6,755.00 | 6,755.00 | 251.42 | 116.94 | 90.00 | -169.51 | -5,583.26 | 4,592.53 | 4,431.30 | 161.23 | 28.484 | | |
| 15,300.00 | 6,840.00 | 6,755.00 | 6,755.00 | 254.11 | 116.94 | 90.00 | -169.51 | -5,583.26 | 4,690.98 | 4,529.99 | 161.00 | 29.137 | | |
| 15,400.00 | 6,840.00 | 6,755.00 | 6,755.00 | 256.80 | 116.94 | 90.00 | -169.51 | -5,583.26 | 4,789.50 | 4,628.72 | 160.78 | 29.789 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-9 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,500.00 | 6,840.00 | 6,755.00 | 6,755.00 | 259.49 | 116.94 | 90.00 | -169.51 | -5,583.26 | 4,888.08 | 4,727.50 | 160.58 | 30.441 | | |
| 15,600.00 | 6,840.00 | 6,755.00 | 6,755.00 | 262.17 | 116.94 | 90.00 | -169.51 | -5,583.26 | 4,986.72 | 4,826.33 | 160.39 | 31.091 | | |
| 15,700.00 | 6,840.00 | 6,755.00 | 6,755.00 | 264.86 | 116.94 | 90.00 | -169.51 | -5,583.26 | 5,085.41 | 4,925.19 | 160.21 | 31.742 | | |
| 15,800.00 | 6,840.00 | 6,755.00 | 6,755.00 | 267.55 | 116.94 | 90.00 | -169.51 | -5,583.26 | 5,184.15 | 5,024.10 | 160.05 | 32.391 | | |
| 15,900.00 | 6,840.00 | 6,755.00 | 6,755.00 | 270.25 | 116.94 | 90.00 | -169.51 | -5,583.26 | 5,282.93 | 5,123.04 | 159.90 | 33.040 | | |
| 16,000.00 | 6,840.00 | 6,755.00 | 6,755.00 | 272.94 | 116.94 | 90.00 | -169.51 | -5,583.26 | 5,381.77 | 5,222.01 | 159.76 | 33.688 | | |
| 16,100.00 | 6,840.00 | 6,755.00 | 6,755.00 | 275.63 | 116.94 | 90.00 | -169.51 | -5,583.26 | 5,480.64 | 5,321.02 | 159.62 | 34.335 | | |
| 16,200.00 | 6,840.00 | 6,755.00 | 6,755.00 | 278.32 | 116.94 | 90.00 | -169.51 | -5,583.26 | 5,579.55 | 5,420.05 | 159.50 | 34.981 | | |
| 16,300.00 | 6,840.00 | 6,755.00 | 6,755.00 | 281.02 | 116.94 | 90.00 | -169.51 | -5,583.26 | 5,678.51 | 5,519.12 | 159.39 | 35.627 | | |
| 16,400.00 | 6,840.00 | 6,755.00 | 6,755.00 | 283.71 | 116.94 | 90.00 | -169.51 | -5,583.26 | 5,777.50 | 5,618.21 | 159.28 | 36.272 | | |
| 16,500.00 | 6,840.00 | 6,755.00 | 6,755.00 | 286.40 | 116.94 | 90.00 | -169.51 | -5,583.26 | 5,876.52 | 5,717.33 | 159.19 | 36.916 | | |
| 16,600.00 | 6,840.00 | 6,755.00 | 6,755.00 | 289.10 | 116.94 | 90.00 | -169.51 | -5,583.26 | 5,975.57 | 5,816.48 | 159.10 | 37.559 | | |
| 16,700.00 | 6,840.00 | 6,755.00 | 6,755.00 | 291.79 | 116.94 | 90.00 | -169.51 | -5,583.26 | 6,074.66 | 5,915.64 | 159.02 | 38.201 | | |
| 16,800.00 | 6,840.00 | 6,755.00 | 6,755.00 | 294.49 | 116.94 | 90.00 | -169.51 | -5,583.26 | 6,173.78 | 6,014.83 | 158.94 | 38.843 | | |
| 16,900.00 | 6,840.00 | 6,755.00 | 6,755.00 | 297.19 | 116.94 | 90.00 | -169.51 | -5,583.26 | 6,272.92 | 6,114.05 | 158.87 | 39.484 | | |
| 17,000.00 | 6,840.00 | 6,755.00 | 6,755.00 | 299.88 | 116.94 | 90.00 | -169.51 | -5,583.26 | 6,372.09 | 6,213.28 | 158.81 | 40.124 | | |
| 17,100.00 | 6,840.00 | 6,755.00 | 6,755.00 | 302.58 | 116.94 | 90.00 | -169.51 | -5,583.26 | 6,471.29 | 6,312.53 | 158.75 | 40.763 | | |
| 17,200.00 | 6,840.00 | 6,755.00 | 6,755.00 | 305.28 | 116.94 | 90.00 | -169.51 | -5,583.26 | 6,570.51 | 6,411.80 | 158.70 | 41.401 | | |
| 17,300.00 | 6,840.00 | 6,755.00 | 6,755.00 | 307.97 | 116.94 | 90.00 | -169.51 | -5,583.26 | 6,669.75 | 6,511.09 | 158.66 | 42.038 | | |
| 17,400.00 | 6,840.00 | 6,755.00 | 6,755.00 | 310.67 | 116.94 | 90.00 | -169.51 | -5,583.26 | 6,769.02 | 6,610.40 | 158.62 | 42.675 | | |
| 17,500.00 | 6,840.00 | 6,755.00 | 6,755.00 | 313.37 | 116.94 | 90.00 | -169.51 | -5,583.26 | 6,868.30 | 6,709.72 | 158.58 | 43.311 | | |
| 17,600.00 | 6,840.00 | 6,755.00 | 6,755.00 | 316.07 | 116.94 | 90.00 | -169.51 | -5,583.26 | 6,967.61 | 6,809.06 | 158.55 | 43.945 | | |
| 17,700.00 | 6,840.00 | 6,755.00 | 6,755.00 | 318.77 | 116.94 | 90.00 | -169.51 | -5,583.26 | 7,066.94 | 6,908.41 | 158.52 | 44.579 | | |
| 17,800.00 | 6,840.00 | 6,755.00 | 6,755.00 | 321.47 | 116.94 | 90.00 | -169.51 | -5,583.26 | 7,166.28 | 7,007.78 | 158.50 | 45.212 | | |
| 17,900.00 | 6,840.00 | 6,755.00 | 6,755.00 | 324.17 | 116.94 | 90.00 | -169.51 | -5,583.26 | 7,265.65 | 7,107.16 | 158.48 | 45.845 | | |
| 18,000.00 | 6,840.00 | 6,755.00 | 6,755.00 | 326.87 | 116.94 | 90.00 | -169.51 | -5,583.26 | 7,365.03 | 7,206.56 | 158.47 | 46.476 | | |
| 18,100.00 | 6,840.00 | 6,755.00 | 6,755.00 | 329.57 | 116.94 | 90.00 | -169.51 | -5,583.26 | 7,464.43 | 7,305.97 | 158.46 | 47.106 | | |
| 18,200.00 | 6,840.00 | 6,755.00 | 6,755.00 | 332.27 | 116.94 | 90.00 | -169.51 | -5,583.26 | 7,563.84 | 7,405.39 | 158.45 | 47.736 | | |
| 18,300.00 | 6,840.00 | 6,755.00 | 6,755.00 | 334.97 | 116.94 | 90.00 | -169.51 | -5,583.26 | 7,663.27 | 7,504.82 | 158.45 | 48.364 | | |
| 18,400.00 | 6,840.00 | 6,755.00 | 6,755.00 | 337.67 | 116.94 | 90.00 | -169.51 | -5,583.26 | 7,762.71 | 7,604.26 | 158.45 | 48.992 | | |
| 18,500.00 | 6,840.00 | 6,755.00 | 6,755.00 | 340.38 | 116.94 | 90.00 | -169.51 | -5,583.26 | 7,862.17 | 7,703.72 | 158.45 | 49.619 | | |
| 18,600.00 | 6,840.00 | 6,755.00 | 6,755.00 | 343.08 | 116.94 | 90.00 | -169.51 | -5,583.26 | 7,961.64 | 7,803.18 | 158.46 | 50.245 | | |
| 18,700.00 | 6,840.00 | 6,755.00 | 6,755.00 | 345.78 | 116.94 | 90.00 | -169.51 | -5,583.26 | 8,061.13 | 7,902.66 | 158.47 | 50.870 | | |
| 18,800.00 | 6,840.00 | 6,755.00 | 6,755.00 | 348.48 | 116.94 | 90.00 | -169.51 | -5,583.26 | 8,160.62 | 8,002.15 | 158.48 | 51.494 | | |
| 18,900.00 | 6,840.00 | 6,755.00 | 6,755.00 | 351.19 | 116.94 | 90.00 | -169.51 | -5,583.26 | 8,260.13 | 8,101.64 | 158.49 | 52.117 | | |
| 19,000.00 | 6,840.00 | 6,755.00 | 6,755.00 | 353.89 | 116.94 | 90.00 | -169.51 | -5,583.26 | 8,359.65 | 8,201.14 | 158.51 | 52.740 | | |
| 19,100.00 | 6,840.00 | 6,755.00 | 6,755.00 | 356.59 | 116.94 | 90.00 | -169.51 | -5,583.26 | 8,459.18 | 8,300.66 | 158.53 | 53.361 | | |
| 19,200.00 | 6,840.00 | 6,755.00 | 6,755.00 | 359.30 | 116.94 | 90.00 | -169.51 | -5,583.26 | 8,558.73 | 8,400.18 | 158.55 | 53.982 | | |
| 19,300.00 | 6,840.00 | 6,755.00 | 6,755.00 | 362.00 | 116.94 | 90.00 | -169.51 | -5,583.26 | 8,658.28 | 8,499.71 | 158.57 | 54.601 | | |
| 19,400.00 | 6,840.00 | 6,755.00 | 6,755.00 | 364.71 | 116.94 | 90.00 | -169.51 | -5,583.26 | 8,757.84 | 8,599.24 | 158.60 | 55.220 | | |
| 19,500.00 | 6,840.00 | 6,755.00 | 6,755.00 | 367.41 | 116.94 | 90.00 | -169.51 | -5,583.26 | 8,857.42 | 8,698.79 | 158.63 | 55.838 | | |
| 19,600.00 | 6,840.00 | 6,755.00 | 6,755.00 | 370.11 | 116.94 | 90.00 | -169.51 | -5,583.26 | 8,957.00 | 8,798.34 | 158.66 | 56.455 | | |
| 19,700.00 | 6,840.00 | 6,755.00 | 6,755.00 | 372.82 | 116.94 | 90.00 | -169.51 | -5,583.26 | 9,056.59 | 8,897.90 | 158.69 | 57.070 | | |
| 19,800.00 | 6,840.00 | 6,755.00 | 6,755.00 | 375.53 | 116.94 | 90.00 | -169.51 | -5,583.26 | 9,156.19 | 8,997.47 | 158.73 | 57.685 | | |
| 19,900.00 | 6,840.00 | 6,755.00 | 6,755.00 | 378.23 | 116.94 | 90.00 | -169.51 | -5,583.26 | 9,255.80 | 9,097.04 | 158.76 | 58.300 | | |
| 20,000.00 | 6,840.00 | 6,755.00 | 6,755.00 | 380.94 | 116.94 | 90.00 | -169.51 | -5,583.26 | 9,355.42 | 9,196.62 | 158.80 | 58.913 | | |
| 20,100.00 | 6,840.00 | 6,755.00 | 6,755.00 | 383.64 | 116.94 | 90.00 | -169.51 | -5,583.26 | 9,455.05 | 9,296.21 | 158.84 | 59.525 | | |
| 20,200.00 | 6,840.00 | 6,755.00 | 6,755.00 | 386.35 | 116.94 | 90.00 | -169.51 | -5,583.26 | 9,554.68 | 9,395.80 | 158.88 | 60.136 | | |
| 20,300.00 | 6,840.00 | 6,755.00 | 6,755.00 | 389.05 | 116.94 | 90.00 | -169.51 | -5,583.26 | 9,654.32 | 9,495.40 | 158.93 | 60.747 | | |
| 20,400.00 | 6,840.00 | 6,755.00 | 6,755.00 | 391.76 | 116.94 | 90.00 | -169.51 | -5,583.26 | 9,753.97 | 9,595.00 | 158.97 | 61.356 | | |
| 20,442.82 | 6,840.00 | 6,755.00 | 6,755.00 | 392.92 | 116.94 | 90.00 | -169.51 | -5,583.26 | 9,796.64 | 9,637.65 | 158.99 | 61.617 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER 2 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -75.18 | 2,527.56 | -9,552.52 | 9,882.18 | | | | | |
| 100.00 | 100.00 | 0.00 | 0.00 | 0.13 | 0.00 | -75.18 | 2,527.56 | -9,552.52 | 9,881.32 | 9,881.19 | 0.13 | N/A | | |
| 151.28 | 151.28 | 16.28 | 16.28 | 0.32 | 0.13 | -75.18 | 2,527.56 | -9,552.52 | 9,881.26 | 9,880.81 | 0.45 | N/A | | |
| 200.00 | 200.00 | 65.00 | 65.00 | 0.49 | 0.51 | -75.18 | 2,527.56 | -9,552.52 | 9,881.26 | 9,880.26 | 1.00 | 9,847.699 | | |
| 300.00 | 300.00 | 165.00 | 165.00 | 0.85 | 1.92 | -75.18 | 2,527.56 | -9,552.52 | 9,881.26 | 9,878.49 | 2.77 | 3,565.654 | | |
| 400.00 | 400.00 | 265.00 | 265.00 | 1.21 | 3.67 | -75.18 | 2,527.56 | -9,552.52 | 9,881.26 | 9,876.38 | 4.88 | 2,026.911 | | |
| 500.00 | 500.00 | 365.00 | 365.00 | 1.57 | 5.41 | -75.18 | 2,527.56 | -9,552.52 | 9,881.26 | 9,874.28 | 6.98 | 1,415.890 | | |
| 600.00 | 599.98 | 464.98 | 464.98 | 1.92 | 7.16 | 40.64 | 2,527.56 | -9,552.52 | 9,879.94 | 9,870.86 | 9.07 | 1,089.235 | | |
| 700.00 | 699.84 | 564.84 | 564.84 | 2.26 | 8.90 | 40.71 | 2,527.56 | -9,552.52 | 9,875.96 | 9,864.81 | 11.16 | 885.217 | | |
| 800.00 | 799.45 | 664.45 | 664.45 | 2.62 | 10.64 | 40.83 | 2,527.56 | -9,552.52 | 9,869.35 | 9,856.10 | 13.25 | 744.986 | | |
| 900.00 | 898.70 | 763.70 | 763.70 | 2.99 | 12.37 | 41.00 | 2,527.56 | -9,552.52 | 9,860.11 | 9,844.77 | 15.34 | 642.652 | | |
| 1,000.00 | 997.47 | 862.47 | 862.47 | 3.39 | 14.09 | 41.22 | 2,527.56 | -9,552.52 | 9,848.26 | 9,830.82 | 17.44 | 564.631 | | |
| 1,100.00 | 1,095.62 | 960.62 | 960.62 | 3.81 | 15.81 | 41.48 | 2,527.56 | -9,552.52 | 9,833.82 | 9,814.28 | 19.55 | 503.125 | | |
| 1,200.00 | 1,193.06 | 1,058.06 | 1,058.06 | 4.27 | 17.51 | 41.80 | 2,527.56 | -9,552.52 | 9,816.82 | 9,795.17 | 21.65 | 453.343 | | |
| 1,300.00 | 1,289.64 | 1,154.64 | 1,154.64 | 4.77 | 19.19 | 42.16 | 2,527.56 | -9,552.52 | 9,797.29 | 9,773.52 | 23.77 | 412.181 | | |
| 1,400.00 | 1,385.27 | 1,250.27 | 1,250.27 | 5.31 | 20.86 | 42.58 | 2,527.56 | -9,552.52 | 9,775.25 | 9,749.36 | 25.89 | 377.541 | | |
| 1,500.00 | 1,479.82 | 1,344.82 | 1,344.82 | 5.91 | 22.51 | 43.05 | 2,527.56 | -9,552.52 | 9,750.76 | 9,722.74 | 28.02 | 347.958 | | |
| 1,600.00 | 1,573.19 | 1,438.19 | 1,438.19 | 6.55 | 24.14 | 43.50 | 2,527.56 | -9,552.52 | 9,723.91 | 9,693.74 | 30.16 | 322.361 | | |
| 1,700.00 | 1,666.16 | 1,531.16 | 1,531.16 | 7.23 | 25.76 | 43.64 | 2,527.56 | -9,552.52 | 9,696.31 | 9,664.00 | 32.31 | 300.072 | | |
| 1,800.00 | 1,759.13 | 1,624.13 | 1,624.13 | 7.93 | 27.39 | 43.79 | 2,527.56 | -9,552.52 | 9,668.78 | 9,634.30 | 34.48 | 280.452 | | |
| 1,900.00 | 1,852.10 | 1,717.10 | 1,717.10 | 8.64 | 29.01 | 43.93 | 2,527.56 | -9,552.52 | 9,641.31 | 9,604.66 | 36.65 | 263.068 | | |
| 2,000.00 | 1,945.06 | 1,810.06 | 1,810.06 | 9.35 | 30.63 | 44.08 | 2,527.56 | -9,552.52 | 9,613.90 | 9,575.07 | 38.83 | 247.572 | | |
| 2,100.00 | 2,038.03 | 1,903.03 | 1,903.03 | 10.08 | 32.25 | 44.23 | 2,527.56 | -9,552.52 | 9,586.56 | 9,545.53 | 41.02 | 233.682 | | |
| 2,200.00 | 2,131.00 | 2,004.00 | 1,996.00 | 10.81 | 34.02 | 44.38 | 2,527.56 | -9,552.52 | 9,559.28 | 9,515.91 | 43.36 | 220.453 | | |
| 2,300.00 | 2,223.97 | 2,088.97 | 2,088.97 | 11.54 | 35.50 | 44.53 | 2,527.56 | -9,552.52 | 9,532.06 | 9,486.63 | 45.43 | 209.835 | | |
| 2,400.00 | 2,316.94 | 2,181.94 | 2,181.94 | 12.28 | 37.12 | 44.68 | 2,527.56 | -9,552.52 | 9,504.91 | 9,457.27 | 47.64 | 199.531 | | |
| 2,500.00 | 2,409.90 | 2,274.90 | 2,274.90 | 13.02 | 38.74 | 44.83 | 2,527.56 | -9,552.52 | 9,477.82 | 9,427.97 | 49.85 | 190.124 | | |
| 2,600.00 | 2,502.87 | 2,367.87 | 2,367.87 | 13.77 | 40.37 | 44.98 | 2,527.56 | -9,552.52 | 9,450.80 | 9,398.73 | 52.07 | 181.503 | | |
| 2,700.00 | 2,595.84 | 2,460.84 | 2,460.84 | 14.51 | 41.99 | 45.13 | 2,527.56 | -9,552.52 | 9,423.85 | 9,369.55 | 54.29 | 173.574 | | |
| 2,800.00 | 2,688.81 | 2,553.81 | 2,553.81 | 15.26 | 43.61 | 45.29 | 2,527.56 | -9,552.52 | 9,396.96 | 9,340.44 | 56.52 | 166.260 | | |
| 2,900.00 | 2,781.77 | 2,646.77 | 2,646.77 | 16.01 | 45.24 | 45.44 | 2,527.56 | -9,552.52 | 9,370.14 | 9,311.39 | 58.75 | 159.491 | | |
| 3,000.00 | 2,874.74 | 2,739.74 | 2,739.74 | 16.76 | 46.86 | 45.60 | 2,527.56 | -9,552.52 | 9,343.39 | 9,282.41 | 60.98 | 153.211 | | |
| 3,100.00 | 2,967.71 | 2,832.71 | 2,832.71 | 17.52 | 48.48 | 45.75 | 2,527.56 | -9,552.52 | 9,316.71 | 9,253.49 | 63.22 | 147.367 | | |
| 3,200.00 | 3,060.68 | 2,925.68 | 2,925.68 | 18.27 | 50.10 | 45.91 | 2,527.56 | -9,552.52 | 9,290.09 | 9,224.63 | 65.46 | 141.918 | | |
| 3,300.00 | 3,153.65 | 3,018.65 | 3,018.65 | 19.03 | 51.73 | 46.07 | 2,527.56 | -9,552.52 | 9,263.55 | 9,195.85 | 67.70 | 136.824 | | |
| 3,400.00 | 3,246.61 | 3,111.61 | 3,111.61 | 19.78 | 53.35 | 46.23 | 2,527.56 | -9,552.52 | 9,237.08 | 9,167.13 | 69.95 | 132.053 | | |
| 3,500.00 | 3,339.58 | 3,204.58 | 3,204.58 | 20.54 | 54.97 | 46.39 | 2,527.56 | -9,552.52 | 9,210.68 | 9,138.48 | 72.20 | 127.574 | | |
| 3,600.00 | 3,432.55 | 3,302.45 | 3,297.55 | 21.30 | 56.68 | 46.55 | 2,527.56 | -9,552.52 | 9,184.35 | 9,109.81 | 74.54 | 123.221 | | |
| 3,700.00 | 3,525.52 | 3,409.48 | 3,390.52 | 22.06 | 58.55 | 46.71 | 2,527.56 | -9,552.52 | 9,158.09 | 9,081.06 | 77.04 | 118.882 | | |
| 3,800.00 | 3,618.49 | 3,483.49 | 3,483.49 | 22.82 | 59.84 | 46.87 | 2,527.56 | -9,552.52 | 9,131.91 | 9,052.95 | 78.96 | 115.651 | | |
| 3,900.00 | 3,711.45 | 3,576.45 | 3,576.45 | 23.57 | 61.46 | 47.03 | 2,527.56 | -9,552.52 | 9,105.80 | 9,024.58 | 81.22 | 112.113 | | |
| 4,000.00 | 3,804.42 | 3,669.42 | 3,669.42 | 24.33 | 63.08 | 47.20 | 2,527.56 | -9,552.52 | 9,079.77 | 8,996.28 | 83.48 | 108.763 | | |
| 4,100.00 | 3,897.39 | 3,762.39 | 3,762.39 | 25.09 | 64.71 | 47.36 | 2,527.56 | -9,552.52 | 9,053.81 | 8,968.06 | 85.75 | 105.588 | | |
| 4,200.00 | 3,990.36 | 3,855.36 | 3,855.36 | 25.86 | 66.33 | 47.53 | 2,527.56 | -9,552.52 | 9,027.92 | 8,939.91 | 88.01 | 102.575 | | |
| 4,300.00 | 4,083.32 | 3,948.32 | 3,948.32 | 26.62 | 67.95 | 47.69 | 2,527.56 | -9,552.52 | 9,002.11 | 8,911.83 | 90.28 | 99.711 | | |
| 4,400.00 | 4,176.29 | 4,041.29 | 4,041.29 | 27.38 | 69.57 | 47.86 | 2,527.56 | -9,552.52 | 8,976.38 | 8,883.83 | 92.55 | 96.986 | | |
| 4,500.00 | 4,269.26 | 4,134.26 | 4,134.26 | 28.14 | 71.20 | 48.03 | 2,527.56 | -9,552.52 | 8,950.73 | 8,855.90 | 94.83 | 94.389 | | |
| 4,600.00 | 4,362.23 | 4,227.23 | 4,227.23 | 28.90 | 72.82 | 48.20 | 2,527.56 | -9,552.52 | 8,925.15 | 8,828.05 | 97.10 | 91.913 | | |
| 4,700.00 | 4,455.20 | 4,320.20 | 4,320.20 | 29.66 | 74.44 | 48.37 | 2,527.56 | -9,552.52 | 8,899.66 | 8,800.27 | 99.38 | 89.549 | | |
| 4,800.00 | 4,548.16 | 4,413.16 | 4,413.16 | 30.43 | 76.06 | 48.54 | 2,527.56 | -9,552.52 | 8,874.24 | 8,772.58 | 101.66 | 87.290 | | |
| 4,900.00 | 4,641.13 | 4,506.13 | 4,506.13 | 31.19 | 77.69 | 48.71 | 2,527.56 | -9,552.52 | 8,848.90 | 8,744.96 | 103.95 | 85.128 | | |
| 5,000.00 | 4,734.10 | 4,600.90 | 4,599.10 | 31.95 | 79.34 | 48.88 | 2,527.56 | -9,552.52 | 8,823.65 | 8,717.38 | 106.27 | 83.034 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT DUPER 2 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INCL-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,707.93 | 4,692.07 | 32.71 | 81.21 | 49.06 | 2,527.56 | -9,552.52 | 8,798.47 | 8,689.68 | 108.80 | 80.869 | | |
| 5,200.00 | 4,920.04 | 4,785.04 | 4,785.04 | 33.48 | 82.55 | 49.23 | 2,527.56 | -9,552.52 | 8,773.38 | 8,662.57 | 110.81 | 79.173 | | |
| 5,300.00 | 5,013.00 | 4,878.00 | 4,878.00 | 34.24 | 84.18 | 49.41 | 2,527.56 | -9,552.52 | 8,748.38 | 8,635.27 | 113.11 | 77.347 | | |
| 5,400.00 | 5,105.97 | 4,970.97 | 4,970.97 | 35.00 | 85.80 | 49.58 | 2,527.56 | -9,552.52 | 8,723.45 | 8,608.05 | 115.40 | 75.593 | | |
| 5,500.00 | 5,198.94 | 5,063.94 | 5,063.94 | 35.77 | 87.42 | 49.76 | 2,527.56 | -9,552.52 | 8,698.61 | 8,580.91 | 117.70 | 73.906 | | |
| 5,600.00 | 5,291.91 | 5,156.91 | 5,156.91 | 36.53 | 89.05 | 49.94 | 2,527.56 | -9,552.52 | 8,673.86 | 8,553.86 | 120.00 | 72.283 | | |
| 5,700.00 | 5,384.87 | 5,249.87 | 5,249.87 | 37.29 | 90.67 | 50.12 | 2,527.56 | -9,552.52 | 8,649.19 | 8,526.89 | 122.30 | 70.721 | | |
| 5,800.00 | 5,477.84 | 5,342.84 | 5,342.84 | 38.06 | 92.29 | 50.30 | 2,527.56 | -9,552.52 | 8,624.61 | 8,500.00 | 124.61 | 69.215 | | |
| 5,900.00 | 5,570.81 | 5,435.81 | 5,435.81 | 38.82 | 93.91 | 50.48 | 2,527.56 | -9,552.52 | 8,600.11 | 8,473.20 | 126.91 | 67.764 | | |
| 6,000.00 | 5,663.78 | 5,528.78 | 5,528.78 | 39.59 | 95.54 | 50.66 | 2,527.56 | -9,552.52 | 8,575.71 | 8,446.49 | 129.22 | 66.364 | | |
| 6,100.00 | 5,756.75 | 5,621.75 | 5,621.75 | 40.35 | 97.16 | 50.84 | 2,527.56 | -9,552.52 | 8,551.39 | 8,419.86 | 131.53 | 65.013 | | |
| 6,200.00 | 5,849.71 | 5,714.71 | 5,714.71 | 41.12 | 98.78 | 51.03 | 2,527.56 | -9,552.52 | 8,527.17 | 8,393.32 | 133.85 | 63.708 | | |
| 6,300.00 | 5,942.68 | 5,807.68 | 5,807.68 | 41.88 | 100.40 | 51.21 | 2,527.56 | -9,552.52 | 8,503.03 | 8,366.86 | 136.16 | 62.447 | | |
| 6,400.00 | 6,035.65 | 5,900.65 | 5,900.65 | 42.64 | 102.03 | 51.40 | 2,527.56 | -9,552.52 | 8,478.98 | 8,340.50 | 138.48 | 61.227 | | |
| 6,500.00 | 6,128.62 | 6,006.38 | 6,006.38 | 43.41 | 103.87 | 51.58 | 2,527.56 | -9,552.52 | 8,455.03 | 8,314.00 | 141.03 | 59.953 | | |
| 6,600.00 | 6,221.59 | 6,086.59 | 6,086.59 | 44.17 | 105.27 | 51.77 | 2,527.56 | -9,552.52 | 8,431.17 | 8,288.04 | 143.13 | 58.907 | | |
| 6,700.00 | 6,314.55 | 6,179.55 | 6,179.55 | 44.94 | 106.89 | 51.96 | 2,527.56 | -9,552.52 | 8,407.41 | 8,261.95 | 145.45 | 57.801 | | |
| 6,800.00 | 6,407.52 | 6,272.52 | 6,272.52 | 45.70 | 108.52 | 52.15 | 2,527.56 | -9,552.52 | 8,383.73 | 8,235.95 | 147.78 | 56.730 | | |
| 6,900.00 | 6,499.98 | 6,364.98 | 6,364.98 | 46.49 | 110.13 | 48.72 | 2,527.56 | -9,552.52 | 8,358.87 | 8,208.75 | 150.12 | 55.683 | | |
| 7,000.00 | 6,586.50 | 6,451.50 | 6,451.50 | 47.49 | 111.64 | 44.60 | 2,527.56 | -9,552.52 | 8,321.76 | 8,169.30 | 152.46 | 54.584 | | |
| 7,100.00 | 6,663.58 | 6,528.58 | 6,528.58 | 48.75 | 112.99 | 44.38 | 2,527.56 | -9,552.52 | 8,270.91 | 8,116.16 | 154.74 | 53.450 | | |
| 7,200.00 | 6,728.87 | 6,606.13 | 6,593.87 | 50.23 | 114.34 | 47.09 | 2,527.56 | -9,552.52 | 8,207.90 | 8,050.79 | 157.11 | 52.243 | | |
| 7,300.00 | 6,780.38 | 6,645.38 | 6,645.38 | 51.91 | 115.02 | 52.91 | 2,527.56 | -9,552.52 | 8,134.71 | 7,975.85 | 158.85 | 51.209 | | |
| 7,400.00 | 6,816.56 | 6,681.56 | 6,681.56 | 53.74 | 115.66 | 62.71 | 2,527.56 | -9,552.52 | 8,053.58 | 7,893.03 | 160.55 | 50.162 | | |
| 7,500.00 | 6,836.29 | 6,701.29 | 6,701.29 | 55.65 | 116.00 | 77.58 | 2,527.56 | -9,552.52 | 7,967.00 | 7,805.07 | 161.93 | 49.199 | | |
| 7,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 57.58 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 7,877.64 | 7,714.66 | 162.98 | 48.334 | | |
| 7,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 59.56 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 7,788.12 | 7,624.14 | 163.98 | 47.494 | | |
| 7,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 61.60 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 7,698.86 | 7,533.83 | 165.03 | 46.653 | | |
| 7,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 63.69 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 7,609.86 | 7,443.75 | 166.11 | 45.812 | | |
| 8,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 65.82 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 7,521.15 | 7,353.91 | 167.24 | 44.972 | | |
| 8,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 67.99 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 7,432.71 | 7,264.30 | 168.41 | 44.134 | | |
| 8,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 70.21 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 7,344.58 | 7,174.94 | 169.63 | 43.297 | | |
| 8,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 72.45 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 7,256.75 | 7,085.85 | 170.90 | 42.463 | | |
| 8,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 74.73 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 7,169.24 | 6,997.03 | 172.21 | 41.631 | | |
| 8,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 77.04 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 7,082.06 | 6,908.49 | 173.57 | 40.803 | | |
| 8,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 79.38 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,995.23 | 6,820.25 | 174.97 | 39.979 | | |
| 8,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 81.74 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,908.75 | 6,732.32 | 176.43 | 39.159 | | |
| 8,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 84.12 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,822.64 | 6,644.70 | 177.94 | 38.343 | | |
| 8,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 86.52 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,736.91 | 6,557.42 | 179.49 | 37.533 | | |
| 9,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 88.94 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,651.58 | 6,470.48 | 181.10 | 36.728 | | |
| 9,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 91.38 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,566.67 | 6,383.91 | 182.76 | 35.930 | | |
| 9,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 93.83 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,482.19 | 6,297.71 | 184.48 | 35.138 | | |
| 9,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 96.30 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,398.15 | 6,211.90 | 186.25 | 34.352 | | |
| 9,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 98.79 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,314.58 | 6,126.50 | 188.08 | 33.574 | | |
| 9,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 101.28 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,231.50 | 6,041.53 | 189.96 | 32.804 | | |
| 9,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 103.79 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,148.91 | 5,957.01 | 191.91 | 32.041 | | |
| 9,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 106.30 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,066.85 | 5,872.95 | 193.91 | 31.287 | | |
| 9,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 108.83 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,985.34 | 5,789.37 | 195.97 | 30.542 | | |
| 9,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 111.37 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,904.40 | 5,706.30 | 198.09 | 29.806 | | |
| 10,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 113.91 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,824.05 | 5,623.76 | 200.28 | 29.079 | | |
| 10,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 116.47 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,744.31 | 5,541.78 | 202.53 | 28.362 | | |
| 10,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 119.03 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,665.22 | 5,460.37 | 204.85 | 27.656 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER 2 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INCL-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (") | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 121.59 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,586.80 | 5,379.56 | 207.23 | 26.959 | | |
| 10,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 124.17 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,509.07 | 5,299.39 | 209.68 | 26.274 | | |
| 10,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 126.75 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,432.08 | 5,219.88 | 212.20 | 25.599 | | |
| 10,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 129.34 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,355.84 | 5,141.06 | 214.78 | 24.936 | | |
| 10,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 131.93 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,280.40 | 5,062.96 | 217.44 | 24.284 | | |
| 10,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 134.53 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,205.79 | 4,985.62 | 220.17 | 23.645 | | |
| 10,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 137.13 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,132.04 | 4,909.08 | 222.97 | 23.017 | | |
| 11,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 139.73 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,059.19 | 4,833.36 | 225.84 | 22.402 | | |
| 11,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 142.35 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,987.29 | 4,758.51 | 228.78 | 21.800 | | |
| 11,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 144.96 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,916.36 | 4,684.57 | 231.79 | 21.210 | | |
| 11,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 147.58 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,846.47 | 4,611.58 | 234.88 | 20.634 | | |
| 11,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 150.20 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,777.64 | 4,539.60 | 238.04 | 20.071 | | |
| 11,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 152.83 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,709.93 | 4,468.66 | 241.27 | 19.521 | | |
| 11,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 155.46 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,643.38 | 4,398.81 | 244.57 | 18.986 | | |
| 11,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 158.09 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,578.06 | 4,330.11 | 247.94 | 18.464 | | |
| 11,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 160.73 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,514.00 | 4,262.62 | 251.38 | 17.957 | | |
| 11,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 163.36 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,451.27 | 4,196.38 | 254.89 | 17.464 | | |
| 12,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 166.01 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,389.92 | 4,131.46 | 258.45 | 16.985 | | |
| 12,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 168.65 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,330.01 | 4,067.93 | 262.08 | 16.522 | | |
| 12,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 171.30 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,271.60 | 4,005.83 | 265.77 | 16.073 | | |
| 12,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 173.94 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,214.76 | 3,945.25 | 269.51 | 15.639 | | |
| 12,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 176.59 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,159.54 | 3,886.24 | 273.29 | 15.220 | | |
| 12,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 179.25 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,106.01 | 3,828.89 | 277.12 | 14.817 | | |
| 12,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 181.90 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,054.25 | 3,773.26 | 280.99 | 14.429 | | |
| 12,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 184.56 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,004.31 | 3,719.43 | 284.88 | 14.056 | | |
| 12,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 187.22 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,956.28 | 3,667.47 | 288.80 | 13.699 | | |
| 12,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 189.88 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,910.21 | 3,617.47 | 292.74 | 13.357 | | |
| 13,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 192.54 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,866.18 | 3,569.50 | 296.67 | 13.032 | | |
| 13,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 195.20 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,824.25 | 3,523.64 | 300.61 | 12.722 | | |
| 13,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 197.87 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,784.51 | 3,479.98 | 304.53 | 12.427 | | |
| 13,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 200.53 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,747.01 | 3,438.59 | 308.42 | 12.149 | | |
| 13,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 203.20 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,711.83 | 3,399.55 | 312.28 | 11.886 | | |
| 13,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 205.87 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,679.03 | 3,362.95 | 316.08 | 11.639 | | |
| 13,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 208.54 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,648.68 | 3,328.85 | 319.83 | 11.408 | | |
| 13,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 211.22 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,620.84 | 3,297.34 | 323.50 | 11.193 | | |
| 13,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 213.89 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,595.56 | 3,268.48 | 327.08 | 10.993 | | |
| 13,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 216.56 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,572.91 | 3,242.35 | 330.56 | 10.809 | | |
| 14,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 219.24 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,552.92 | 3,219.00 | 333.93 | 10.640 | | |
| 14,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 221.92 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,535.65 | 3,198.49 | 337.17 | 10.486 | | |
| 14,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 224.59 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,521.14 | 3,180.87 | 340.27 | 10.348 | | |
| 14,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 227.27 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,509.42 | 3,166.20 | 343.22 | 10.225 | | |
| 14,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 229.95 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,500.52 | 3,154.50 | 346.01 | 10.117 | | |
| 14,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 232.63 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,494.46 | 3,145.82 | 348.64 | 10.023 | | |
| 14,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 235.31 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,491.25 | 3,140.17 | 351.08 | 9.944 | | |
| 14,662.03 | 6,840.00 | 6,705.00 | 6,705.00 | 236.98 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,490.70 | 3,138.19 | 352.51 | 9.903 CC | | |
| 14,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 238.00 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,490.90 | 3,137.56 | 353.34 | 9.880 ES | | |
| 14,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 240.68 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,493.42 | 3,138.01 | 355.41 | 9.829 | | |
| 14,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 243.36 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,498.80 | 3,141.52 | 357.28 | 9.793 | | |
| 15,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 246.05 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,507.02 | 3,148.06 | 358.96 | 9.770 | | |
| 15,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 248.74 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,518.07 | 3,157.63 | 360.43 | 9.761 SF | | |
| 15,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 251.42 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,531.91 | 3,170.20 | 361.71 | 9.764 | | |
| 15,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 254.11 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,548.52 | 3,185.73 | 362.79 | 9.781 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER 2 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INCL-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 256.80 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,567.85 | 3,204.18 | 363.67 | 9.811 | | |
| 15,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 259.49 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,589.87 | 3,225.50 | 364.36 | 9.852 | | |
| 15,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 262.17 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,614.52 | 3,249.65 | 364.87 | 9.906 | | |
| 15,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 264.86 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,641.75 | 3,276.55 | 365.20 | 9.972 | | |
| 15,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 267.55 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,671.50 | 3,306.15 | 365.35 | 10.049 | | |
| 15,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 270.25 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,703.72 | 3,338.37 | 365.35 | 10.138 | | |
| 16,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 272.94 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,738.33 | 3,373.15 | 365.18 | 10.237 | | |
| 16,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 275.63 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,775.28 | 3,410.41 | 364.87 | 10.347 | | |
| 16,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 278.32 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,814.49 | 3,450.07 | 364.42 | 10.467 | | |
| 16,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 281.02 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,855.89 | 3,492.05 | 363.84 | 10.598 | | |
| 16,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 283.71 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,899.42 | 3,536.28 | 363.14 | 10.738 | | |
| 16,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 286.40 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,945.01 | 3,582.67 | 362.34 | 10.888 | | |
| 16,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 289.10 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 3,992.58 | 3,631.15 | 361.43 | 11.047 | | |
| 16,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 291.79 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,042.07 | 3,681.63 | 360.43 | 11.215 | | |
| 16,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 294.49 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,093.40 | 3,734.05 | 359.35 | 11.391 | | |
| 16,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 297.19 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,146.50 | 3,788.31 | 358.20 | 11.576 | | |
| 17,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 299.88 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,201.32 | 3,844.34 | 356.98 | 11.769 | | |
| 17,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 302.58 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,257.78 | 3,902.08 | 355.70 | 11.970 | | |
| 17,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 305.28 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,315.82 | 3,961.45 | 354.37 | 12.179 | | |
| 17,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 307.97 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,375.37 | 4,022.37 | 352.99 | 12.395 | | |
| 17,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 310.67 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,436.38 | 4,084.79 | 351.58 | 12.618 | | |
| 17,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 313.37 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,498.78 | 4,148.64 | 350.14 | 12.848 | | |
| 17,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 316.07 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,562.53 | 4,213.85 | 348.67 | 13.085 | | |
| 17,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 318.77 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,627.55 | 4,280.37 | 347.18 | 13.329 | | |
| 17,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 321.47 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,693.81 | 4,348.13 | 345.68 | 13.579 | | |
| 17,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 324.17 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,761.24 | 4,417.08 | 344.16 | 13.834 | | |
| 18,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 326.87 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,829.80 | 4,487.17 | 342.63 | 14.096 | | |
| 18,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 329.57 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,899.45 | 4,558.35 | 341.10 | 14.363 | | |
| 18,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 332.27 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 4,970.13 | 4,630.56 | 339.57 | 14.636 | | |
| 18,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 334.97 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,041.80 | 4,703.76 | 338.04 | 14.915 | | |
| 18,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 337.67 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,114.43 | 4,777.91 | 336.52 | 15.198 | | |
| 18,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 340.38 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,187.97 | 4,852.97 | 335.00 | 15.487 | | |
| 18,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 343.08 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,262.37 | 4,928.89 | 333.49 | 15.780 | | |
| 18,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 345.78 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,337.62 | 5,005.63 | 331.99 | 16.078 | | |
| 18,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 348.48 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,413.66 | 5,083.17 | 330.50 | 16.380 | | |
| 18,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 351.19 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,490.48 | 5,161.46 | 329.02 | 16.687 | | |
| 19,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 353.89 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,568.03 | 5,240.47 | 327.56 | 16.998 | | |
| 19,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 356.59 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,646.29 | 5,320.17 | 326.12 | 17.314 | | |
| 19,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 359.30 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,725.22 | 5,400.53 | 324.69 | 17.633 | | |
| 19,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 362.00 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,804.80 | 5,481.52 | 323.28 | 17.956 | | |
| 19,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 364.71 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,885.01 | 5,563.12 | 321.89 | 18.283 | | |
| 19,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 367.41 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 5,965.81 | 5,645.29 | 320.52 | 18.613 | | |
| 19,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 370.11 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,047.19 | 5,728.02 | 319.17 | 18.947 | | |
| 19,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 372.82 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,129.12 | 5,811.29 | 317.83 | 19.284 | | |
| 19,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 375.53 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,211.58 | 5,895.06 | 316.52 | 19.625 | | |
| 19,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 378.23 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,294.54 | 5,979.32 | 315.23 | 19.968 | | |
| 20,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 380.94 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,378.00 | 6,064.05 | 313.95 | 20.315 | | |
| 20,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 383.64 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,461.93 | 6,149.23 | 312.70 | 20.665 | | |
| 20,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 386.35 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,546.30 | 6,234.84 | 311.47 | 21.018 | | |
| 20,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 389.05 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,631.11 | 6,320.86 | 310.25 | 21.373 | | |
| 20,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 391.76 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,716.34 | 6,407.28 | 309.06 | 21.731 | | |
| 20,442.82 | 6,840.00 | 6,705.00 | 6,705.00 | 392.92 | 116.06 | 90.00 | 2,527.56 | -9,552.52 | 6,752.96 | 6,444.40 | 308.56 | 21.885 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER R G 26-5 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -83.22 | 1,135.92 | -9,550.27 | 9,618.56 | | | | | |
| 100.00 | 100.00 | 0.00 | 0.00 | 0.13 | 0.00 | -83.22 | 1,135.92 | -9,550.27 | 9,617.66 | 9,617.52 | 0.13 | N/A | | |
| 200.00 | 200.00 | 83.33 | 83.33 | 0.49 | 0.09 | -83.22 | 1,135.95 | -9,550.18 | 9,617.52 | 9,616.94 | 0.58 | N/A | | |
| 300.00 | 300.00 | 194.00 | 194.00 | 0.85 | 0.20 | -83.22 | 1,135.84 | -9,549.88 | 9,617.24 | 9,616.19 | 1.05 | 9,158.764 | | |
| 400.00 | 400.00 | 313.28 | 313.27 | 1.21 | 0.31 | -83.22 | 1,135.46 | -9,549.42 | 9,616.82 | 9,615.31 | 1.52 | 6,341.082 | | |
| 500.00 | 500.00 | 388.82 | 388.81 | 1.57 | 0.33 | -83.22 | 1,135.57 | -9,549.13 | 9,616.45 | 9,614.55 | 1.90 | 5,063.599 | | |
| 600.00 | 599.98 | 512.58 | 512.57 | 1.92 | 0.38 | 32.61 | 1,135.70 | -9,548.66 | 9,614.62 | 9,612.33 | 2.29 | 4,197.632 | | |
| 700.00 | 699.84 | 578.91 | 578.91 | 2.26 | 0.41 | 32.67 | 1,135.40 | -9,548.50 | 9,609.90 | 9,607.24 | 2.67 | 3,602.883 | | |
| 800.00 | 799.45 | 678.58 | 678.57 | 2.62 | 0.46 | 32.77 | 1,134.67 | -9,548.46 | 9,602.44 | 9,599.37 | 3.07 | 3,128.632 | | |
| 900.00 | 898.70 | 763.61 | 763.60 | 2.99 | 0.50 | 32.91 | 1,133.79 | -9,548.46 | 9,592.06 | 9,588.59 | 3.47 | 2,765.409 | | |
| 1,000.00 | 997.47 | 838.89 | 838.87 | 3.39 | 0.54 | 33.09 | 1,132.81 | -9,548.65 | 9,578.98 | 9,575.11 | 3.87 | 2,475.241 | | |
| 1,100.00 | 1,095.62 | 920.84 | 920.81 | 3.81 | 0.58 | 33.31 | 1,131.68 | -9,549.09 | 9,563.28 | 9,559.00 | 4.28 | 2,232.804 | | |
| 1,200.00 | 1,193.06 | 1,034.38 | 1,034.34 | 4.27 | 0.63 | 33.59 | 1,130.01 | -9,549.58 | 9,544.61 | 9,539.89 | 4.72 | 2,022.305 | | |
| 1,300.00 | 1,289.64 | 1,115.67 | 1,115.62 | 4.77 | 0.66 | 33.90 | 1,128.56 | -9,550.01 | 9,523.16 | 9,518.00 | 5.16 | 1,845.817 | | |
| 1,400.00 | 1,385.27 | 1,193.75 | 1,193.68 | 5.31 | 0.69 | 34.25 | 1,126.97 | -9,550.59 | 9,499.09 | 9,493.47 | 5.61 | 1,691.764 | | |
| 1,500.00 | 1,479.82 | 1,242.96 | 1,242.88 | 5.91 | 0.71 | 34.61 | 1,125.96 | -9,551.11 | 9,472.55 | 9,466.47 | 6.08 | 1,557.852 | | |
| 1,600.00 | 1,573.19 | 1,300.00 | 1,299.90 | 6.55 | 0.73 | 34.95 | 1,124.97 | -9,552.02 | 9,443.83 | 9,437.26 | 6.57 | 1,436.741 | | |
| 1,700.00 | 1,666.16 | 1,422.71 | 1,422.58 | 7.23 | 0.77 | 35.10 | 1,122.99 | -9,553.88 | 9,414.23 | 9,407.14 | 7.09 | 1,327.811 | | |
| 1,800.00 | 1,759.13 | 1,485.40 | 1,485.25 | 7.93 | 0.80 | 35.18 | 1,122.00 | -9,554.83 | 9,384.67 | 9,377.07 | 7.60 | 1,234.166 | | |
| 1,900.00 | 1,852.10 | 1,544.51 | 1,544.34 | 8.64 | 0.82 | 35.25 | 1,121.12 | -9,555.93 | 9,355.47 | 9,347.34 | 8.13 | 1,151.122 | | |
| 2,000.00 | 1,945.06 | 1,604.13 | 1,603.95 | 9.35 | 0.84 | 35.33 | 1,120.29 | -9,557.26 | 9,326.67 | 9,318.01 | 8.66 | 1,077.002 | | |
| 2,100.00 | 2,038.03 | 1,695.58 | 1,695.37 | 10.08 | 0.87 | 35.45 | 1,119.19 | -9,559.44 | 9,298.08 | 9,288.87 | 9.21 | 1,010.029 | | |
| 2,200.00 | 2,131.00 | 1,757.08 | 1,756.84 | 10.81 | 0.89 | 35.52 | 1,118.52 | -9,561.01 | 9,269.70 | 9,259.95 | 9.75 | 950.487 | | |
| 2,300.00 | 2,223.97 | 1,817.78 | 1,817.51 | 11.54 | 0.91 | 35.60 | 1,117.85 | -9,562.78 | 9,241.70 | 9,231.40 | 10.31 | 896.809 | | |
| 2,400.00 | 2,316.94 | 1,880.00 | 1,879.70 | 12.28 | 0.92 | 35.68 | 1,117.39 | -9,564.79 | 9,214.07 | 9,203.21 | 10.86 | 848.191 | | |
| 2,500.00 | 2,409.90 | 1,935.41 | 1,935.07 | 13.02 | 0.94 | 35.76 | 1,117.23 | -9,566.75 | 9,186.84 | 9,175.41 | 11.43 | 804.072 | | |
| 2,600.00 | 2,502.87 | 2,000.00 | 1,999.61 | 13.77 | 0.96 | 35.85 | 1,117.27 | -9,569.33 | 9,160.09 | 9,148.09 | 11.99 | 763.739 | | |
| 2,700.00 | 2,595.84 | 2,139.68 | 2,139.18 | 14.51 | 0.99 | 36.05 | 1,118.46 | -9,574.64 | 9,133.42 | 9,120.84 | 12.58 | 726.138 | | |
| 2,800.00 | 2,688.81 | 2,800.00 | 2,461.01 | 15.26 | 1.11 | 36.54 | 1,124.27 | -9,581.78 | 9,105.90 | 9,092.64 | 13.27 | 686.415 | | |
| 2,900.00 | 2,781.77 | 2,589.26 | 2,588.60 | 16.01 | 1.07 | 36.73 | 1,126.54 | -9,582.31 | 9,076.24 | 9,062.47 | 13.77 | 659.236 | | |
| 3,000.00 | 2,874.74 | 2,683.47 | 2,682.79 | 16.76 | 1.09 | 36.88 | 1,128.30 | -9,582.62 | 9,046.60 | 9,032.26 | 14.35 | 630.474 | | |
| 3,100.00 | 2,967.71 | 2,790.27 | 2,789.57 | 17.52 | 1.10 | 37.05 | 1,130.34 | -9,582.87 | 9,016.95 | 9,002.02 | 14.93 | 603.838 | | |
| 3,200.00 | 3,060.68 | 2,864.14 | 2,863.41 | 18.27 | 1.12 | 37.17 | 1,132.06 | -9,582.99 | 8,987.36 | 8,971.84 | 15.52 | 579.142 | | |
| 3,300.00 | 3,153.65 | 3,300.00 | 2,976.99 | 19.03 | 1.19 | 37.36 | 1,134.14 | -9,583.26 | 8,957.80 | 8,941.63 | 16.17 | 553.881 | | |
| 3,400.00 | 3,246.61 | 3,164.95 | 3,164.18 | 19.78 | 1.16 | 37.65 | 1,136.55 | -9,582.67 | 8,927.71 | 8,911.02 | 16.69 | 534.946 | | |
| 3,500.00 | 3,339.58 | 3,274.84 | 3,274.07 | 20.54 | 1.18 | 37.83 | 1,137.60 | -9,581.59 | 8,897.01 | 8,879.74 | 17.27 | 515.077 | | |
| 3,600.00 | 3,432.55 | 3,341.53 | 3,340.75 | 21.30 | 1.18 | 37.94 | 1,138.20 | -9,581.01 | 8,866.49 | 8,848.63 | 17.86 | 496.317 | | |
| 3,700.00 | 3,525.52 | 3,400.00 | 3,399.22 | 22.06 | 1.19 | 38.03 | 1,139.09 | -9,580.66 | 8,836.37 | 8,817.91 | 18.46 | 478.679 | | |
| 3,800.00 | 3,618.49 | 3,467.67 | 3,466.87 | 22.82 | 1.20 | 38.14 | 1,140.35 | -9,580.45 | 8,806.62 | 8,787.56 | 19.06 | 462.040 | | |
| 3,900.00 | 3,711.45 | 3,583.05 | 3,582.24 | 23.57 | 1.22 | 38.34 | 1,142.24 | -9,580.27 | 8,777.07 | 8,757.41 | 19.66 | 446.475 | | |
| 4,000.00 | 3,804.42 | 3,703.39 | 3,702.57 | 24.33 | 1.25 | 38.53 | 1,143.43 | -9,579.72 | 8,747.16 | 8,726.90 | 20.26 | 431.834 | | |
| 4,100.00 | 3,897.39 | 3,790.57 | 3,789.75 | 25.09 | 1.26 | 38.68 | 1,144.25 | -9,579.24 | 8,717.22 | 8,696.37 | 20.86 | 417.909 | | |
| 4,200.00 | 3,990.36 | 3,888.21 | 3,887.37 | 25.86 | 1.28 | 38.84 | 1,145.24 | -9,578.70 | 8,687.35 | 8,665.89 | 21.46 | 404.750 | | |
| 4,300.00 | 4,083.32 | 4,062.47 | 4,061.62 | 26.62 | 1.31 | 39.13 | 1,146.73 | -9,576.99 | 8,657.19 | 8,635.13 | 22.05 | 392.568 | | |
| 4,400.00 | 4,176.29 | 4,170.72 | 4,169.86 | 27.38 | 1.32 | 39.31 | 1,146.93 | -9,575.27 | 8,626.34 | 8,603.68 | 22.66 | 380.767 | | |
| 4,500.00 | 4,269.26 | 4,240.14 | 4,239.27 | 28.14 | 1.33 | 39.43 | 1,147.16 | -9,574.22 | 8,595.67 | 8,572.40 | 23.27 | 369.406 | | |
| 4,600.00 | 4,362.23 | 4,303.07 | 4,302.19 | 28.90 | 1.34 | 39.54 | 1,147.92 | -9,573.39 | 8,565.38 | 8,541.49 | 23.89 | 358.573 | | |
| 4,700.00 | 4,455.20 | 4,416.41 | 4,415.49 | 29.66 | 1.37 | 39.74 | 1,150.44 | -9,571.68 | 8,535.19 | 8,510.69 | 24.50 | 348.350 | | |
| 4,800.00 | 4,548.16 | 4,464.26 | 4,463.32 | 30.43 | 1.38 | 39.83 | 1,151.87 | -9,571.01 | 8,505.25 | 8,480.12 | 25.13 | 338.416 | | |
| 4,900.00 | 4,641.13 | 4,535.94 | 4,534.95 | 31.19 | 1.39 | 39.97 | 1,154.31 | -9,570.19 | 8,475.74 | 8,449.98 | 25.76 | 328.999 | | |
| 5,000.00 | 4,734.10 | 4,702.27 | 4,701.18 | 31.95 | 1.43 | 40.29 | 1,159.43 | -9,567.97 | 8,446.20 | 8,419.83 | 26.37 | 320.243 | | |
| 5,100.00 | 4,827.07 | 4,804.25 | 4,803.13 | 32.71 | 1.45 | 40.48 | 1,161.24 | -9,566.24 | 8,416.05 | 8,389.05 | 27.00 | 311.714 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER R G 26-5 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,901.63 | 4,900.49 | 33.48 | 1.47 | 40.65 | 1,162.40 | -9,564.62 | 8,385.88 | 8,358.25 | 27.63 | 303.539 | | |
| 5,300.00 | 5,013.00 | 5,026.97 | 5,025.80 | 34.24 | 1.50 | 40.88 | 1,163.42 | -9,562.33 | 8,355.56 | 8,327.31 | 28.25 | 295.786 | | |
| 5,400.00 | 5,105.97 | 5,135.22 | 5,134.03 | 35.00 | 1.52 | 41.08 | 1,163.79 | -9,560.10 | 8,325.00 | 8,296.12 | 28.88 | 288.294 | | |
| 5,500.00 | 5,198.94 | 5,216.75 | 5,215.54 | 35.77 | 1.53 | 41.22 | 1,164.18 | -9,558.38 | 8,294.49 | 8,264.98 | 29.52 | 281.015 | | |
| 5,600.00 | 5,291.91 | 5,280.98 | 5,279.76 | 36.53 | 1.54 | 41.34 | 1,164.51 | -9,557.20 | 8,264.30 | 8,234.13 | 30.16 | 273.980 | | |
| 5,700.00 | 5,384.87 | 5,395.78 | 5,394.55 | 37.29 | 1.57 | 41.55 | 1,164.86 | -9,555.26 | 8,234.29 | 8,203.49 | 30.80 | 267.364 | | |
| 5,800.00 | 5,477.84 | 5,511.31 | 5,510.05 | 38.06 | 1.59 | 41.76 | 1,164.94 | -9,552.95 | 8,204.00 | 8,172.57 | 31.43 | 260.987 | | |
| 5,900.00 | 5,570.81 | 5,584.89 | 5,583.62 | 38.82 | 1.60 | 41.90 | 1,164.80 | -9,551.54 | 8,173.79 | 8,141.70 | 32.09 | 254.737 | | |
| 6,000.00 | 5,663.78 | 5,677.38 | 5,676.09 | 39.59 | 1.62 | 42.06 | 1,164.33 | -9,549.92 | 8,143.74 | 8,111.00 | 32.74 | 248.770 | | |
| 6,100.00 | 5,756.75 | 5,763.85 | 5,762.54 | 40.35 | 1.63 | 42.22 | 1,163.73 | -9,548.46 | 8,113.76 | 8,080.37 | 33.39 | 243.005 | | |
| 6,200.00 | 5,849.71 | 5,830.69 | 5,829.37 | 41.12 | 1.64 | 42.34 | 1,163.03 | -9,547.49 | 8,084.01 | 8,049.96 | 34.05 | 237.408 | | |
| 6,300.00 | 5,942.68 | 5,884.97 | 5,883.65 | 41.88 | 1.65 | 42.44 | 1,162.27 | -9,547.01 | 8,054.73 | 8,020.01 | 34.72 | 231.995 | | |
| 6,400.00 | 6,035.65 | 5,959.42 | 5,958.08 | 42.64 | 1.65 | 42.56 | 1,160.92 | -9,546.73 | 8,025.87 | 7,990.49 | 35.38 | 226.839 | | |
| 6,500.00 | 6,128.62 | 6,043.87 | 6,042.52 | 43.41 | 1.66 | 42.71 | 1,159.07 | -9,546.62 | 7,997.21 | 7,961.17 | 36.04 | 221.895 | | |
| 6,600.00 | 6,221.59 | 6,119.70 | 6,118.33 | 44.17 | 1.66 | 42.84 | 1,157.51 | -9,546.58 | 7,968.72 | 7,932.01 | 36.71 | 217.097 | | |
| 6,700.00 | 6,314.55 | 6,175.79 | 6,174.41 | 44.94 | 1.67 | 42.94 | 1,156.46 | -9,546.75 | 7,940.65 | 7,903.27 | 37.38 | 212.417 | | |
| 6,800.00 | 6,407.52 | 6,281.70 | 6,280.30 | 45.70 | 1.67 | 43.12 | 1,154.70 | -9,547.31 | 7,912.91 | 7,874.87 | 38.04 | 208.029 | | |
| 6,900.00 | 6,499.98 | 6,354.29 | 6,352.88 | 46.49 | 1.68 | 39.51 | 1,153.63 | -9,547.55 | 7,883.76 | 7,845.04 | 38.72 | 203.610 | | |
| 7,000.00 | 6,586.50 | 6,419.44 | 6,418.03 | 47.49 | 1.68 | 34.87 | 1,152.77 | -9,547.99 | 7,842.09 | 7,802.62 | 39.48 | 198.653 | | |
| 7,100.00 | 6,663.58 | 6,498.97 | 6,497.54 | 48.75 | 1.69 | 33.94 | 1,151.69 | -9,548.62 | 7,786.12 | 7,745.84 | 40.28 | 193.318 | | |
| 7,200.00 | 6,728.87 | 6,614.43 | 6,612.99 | 50.23 | 1.70 | 35.98 | 1,150.15 | -9,549.06 | 7,717.21 | 7,676.13 | 41.07 | 187.891 | | |
| 7,300.00 | 6,780.38 | 6,661.36 | 6,659.92 | 51.91 | 1.70 | 41.02 | 1,149.57 | -9,549.11 | 7,637.68 | 7,595.79 | 41.89 | 182.329 | | |
| 7,400.00 | 6,816.56 | 6,694.40 | 6,692.95 | 53.74 | 1.70 | 51.18 | 1,149.19 | -9,549.15 | 7,550.12 | 7,507.45 | 42.66 | 176.965 | | |
| 7,500.00 | 6,836.29 | 6,713.16 | 6,711.72 | 55.65 | 1.71 | 70.69 | 1,148.97 | -9,549.18 | 7,457.16 | 7,413.78 | 43.37 | 171.940 | | |
| 7,600.00 | 6,840.00 | 6,716.87 | 6,715.43 | 57.58 | 1.71 | 90.34 | 1,148.93 | -9,549.19 | 7,361.62 | 7,317.62 | 44.00 | 167.327 | | |
| 7,700.00 | 6,840.00 | 6,717.04 | 6,715.59 | 59.56 | 1.71 | 90.34 | 1,148.93 | -9,549.19 | 7,265.88 | 7,221.26 | 44.62 | 162.841 | | |
| 7,800.00 | 6,840.00 | 6,717.20 | 6,715.75 | 61.60 | 1.71 | 90.35 | 1,148.93 | -9,549.19 | 7,170.26 | 7,124.99 | 45.27 | 158.385 | | |
| 7,900.00 | 6,840.00 | 6,717.36 | 6,715.91 | 63.69 | 1.71 | 90.35 | 1,148.92 | -9,549.19 | 7,074.76 | 7,028.80 | 45.95 | 153.961 | | |
| 8,000.00 | 6,840.00 | 6,717.52 | 6,716.08 | 65.82 | 1.71 | 90.35 | 1,148.92 | -9,549.19 | 6,979.38 | 6,932.72 | 46.66 | 149.573 | | |
| 8,100.00 | 6,840.00 | 6,717.68 | 6,716.24 | 67.99 | 1.71 | 90.36 | 1,148.92 | -9,549.19 | 6,884.14 | 6,836.73 | 47.40 | 145.225 | | |
| 8,200.00 | 6,840.00 | 6,717.84 | 6,716.40 | 70.21 | 1.71 | 90.36 | 1,148.92 | -9,549.19 | 6,789.03 | 6,740.85 | 48.18 | 140.920 | | |
| 8,300.00 | 6,840.00 | 6,718.00 | 6,716.56 | 72.45 | 1.71 | 90.37 | 1,148.92 | -9,549.19 | 6,694.06 | 6,645.08 | 48.98 | 136.662 | | |
| 8,400.00 | 6,840.00 | 6,718.17 | 6,716.72 | 74.73 | 1.71 | 90.37 | 1,148.91 | -9,549.19 | 6,599.25 | 6,549.42 | 49.82 | 132.453 | | |
| 8,500.00 | 6,840.00 | 6,718.33 | 6,716.89 | 77.04 | 1.71 | 90.38 | 1,148.91 | -9,549.19 | 6,504.59 | 6,453.89 | 50.70 | 128.296 | | |
| 8,600.00 | 6,840.00 | 6,718.49 | 6,717.05 | 79.38 | 1.71 | 90.38 | 1,148.91 | -9,549.19 | 6,410.09 | 6,358.47 | 51.61 | 124.196 | | |
| 8,700.00 | 6,840.00 | 6,718.65 | 6,717.21 | 81.74 | 1.71 | 90.39 | 1,148.91 | -9,549.19 | 6,315.76 | 6,263.19 | 52.56 | 120.153 | | |
| 8,800.00 | 6,840.00 | 6,718.82 | 6,717.37 | 84.12 | 1.71 | 90.39 | 1,148.91 | -9,549.19 | 6,221.60 | 6,168.05 | 53.56 | 116.172 | | |
| 8,900.00 | 6,840.00 | 6,718.98 | 6,717.54 | 86.52 | 1.71 | 90.39 | 1,148.90 | -9,549.19 | 6,127.64 | 6,073.05 | 54.59 | 112.254 | | |
| 9,000.00 | 6,840.00 | 6,719.14 | 6,717.70 | 88.94 | 1.71 | 90.40 | 1,148.90 | -9,549.19 | 6,033.86 | 5,978.20 | 55.66 | 108.401 | | |
| 9,100.00 | 6,840.00 | 6,719.31 | 6,717.86 | 91.38 | 1.71 | 90.40 | 1,148.90 | -9,549.19 | 5,940.29 | 5,883.51 | 56.78 | 104.616 | | |
| 9,200.00 | 6,840.00 | 6,719.47 | 6,718.03 | 93.83 | 1.71 | 90.41 | 1,148.90 | -9,549.19 | 5,846.94 | 5,788.99 | 57.95 | 100.901 | | |
| 9,300.00 | 6,840.00 | 6,719.64 | 6,718.19 | 96.30 | 1.71 | 90.41 | 1,148.90 | -9,549.19 | 5,753.80 | 5,694.64 | 59.16 | 97.257 | | |
| 9,400.00 | 6,840.00 | 6,719.80 | 6,718.36 | 98.79 | 1.71 | 90.42 | 1,148.90 | -9,549.20 | 5,660.90 | 5,600.48 | 60.42 | 93.686 | | |
| 9,500.00 | 6,840.00 | 6,719.97 | 6,718.52 | 101.28 | 1.71 | 90.42 | 1,148.89 | -9,549.20 | 5,568.25 | 5,506.51 | 61.74 | 90.190 | | |
| 9,600.00 | 6,840.00 | 6,720.13 | 6,718.69 | 103.79 | 1.71 | 90.43 | 1,148.89 | -9,549.20 | 5,475.85 | 5,412.74 | 63.11 | 86.769 | | |
| 9,700.00 | 6,840.00 | 6,720.30 | 6,718.85 | 106.30 | 1.71 | 90.43 | 1,148.89 | -9,549.20 | 5,383.73 | 5,319.20 | 64.53 | 83.425 | | |
| 9,800.00 | 6,840.00 | 6,720.46 | 6,719.02 | 108.83 | 1.71 | 90.43 | 1,148.89 | -9,549.20 | 5,291.89 | 5,225.87 | 66.02 | 80.159 | | |
| 9,900.00 | 6,840.00 | 6,720.63 | 6,719.18 | 111.37 | 1.71 | 90.44 | 1,148.89 | -9,549.20 | 5,200.36 | 5,132.79 | 67.56 | 76.972 | | |
| 10,000.00 | 6,840.00 | 6,720.79 | 6,719.35 | 113.91 | 1.71 | 90.44 | 1,148.88 | -9,549.20 | 5,109.14 | 5,039.97 | 69.17 | 73.864 | | |
| 10,100.00 | 6,840.00 | 6,720.96 | 6,719.52 | 116.47 | 1.71 | 90.45 | 1,148.88 | -9,549.20 | 5,018.25 | 4,947.41 | 70.84 | 70.835 | | |
| 10,200.00 | 6,840.00 | 6,721.13 | 6,719.68 | 119.03 | 1.71 | 90.45 | 1,148.88 | -9,549.20 | 4,927.72 | 4,855.13 | 72.59 | 67.887 | | |
| 10,300.00 | 6,840.00 | 6,721.29 | 6,719.85 | 121.59 | 1.71 | 90.46 | 1,148.88 | -9,549.20 | 4,837.56 | 4,763.16 | 74.40 | 65.019 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER R G 26-5 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 6,721.46 | 6,720.02 | 124.17 | 1.71 | 90.46 | 1,148.88 | -9,549.20 | 4,747.80 | 4,671.50 | 76.29 | 62.232 | | |
| 10,500.00 | 6,840.00 | 6,721.63 | 6,720.18 | 126.75 | 1.71 | 90.47 | 1,148.87 | -9,549.20 | 4,658.45 | 4,580.19 | 78.26 | 59.525 | | |
| 10,600.00 | 6,840.00 | 6,721.80 | 6,720.35 | 129.34 | 1.71 | 90.47 | 1,148.87 | -9,549.20 | 4,569.54 | 4,489.23 | 80.31 | 56.899 | | |
| 10,700.00 | 6,840.00 | 6,721.96 | 6,720.52 | 131.93 | 1.71 | 90.48 | 1,148.87 | -9,549.20 | 4,481.10 | 4,398.66 | 82.45 | 54.353 | | |
| 10,800.00 | 6,840.00 | 6,722.13 | 6,720.69 | 134.53 | 1.71 | 90.48 | 1,148.87 | -9,549.20 | 4,393.16 | 4,308.49 | 84.67 | 51.886 | | |
| 10,900.00 | 6,840.00 | 6,722.30 | 6,720.86 | 137.13 | 1.71 | 90.48 | 1,148.87 | -9,549.20 | 4,305.75 | 4,218.76 | 86.99 | 49.500 | | |
| 11,000.00 | 6,840.00 | 6,722.47 | 6,721.02 | 139.73 | 1.71 | 90.49 | 1,148.86 | -9,549.20 | 4,218.89 | 4,129.49 | 89.40 | 47.192 | | |
| 11,100.00 | 6,840.00 | 6,722.64 | 6,721.19 | 142.35 | 1.71 | 90.49 | 1,148.86 | -9,549.20 | 4,132.63 | 4,040.71 | 91.91 | 44.963 | | |
| 11,200.00 | 6,840.00 | 6,722.81 | 6,721.36 | 144.96 | 1.71 | 90.50 | 1,148.86 | -9,549.20 | 4,047.00 | 3,952.47 | 94.53 | 42.812 | | |
| 11,300.00 | 6,840.00 | 6,722.98 | 6,721.53 | 147.58 | 1.71 | 90.50 | 1,148.86 | -9,549.20 | 3,962.04 | 3,864.78 | 97.26 | 40.738 | | |
| 11,400.00 | 6,840.00 | 6,723.14 | 6,721.70 | 150.20 | 1.71 | 90.51 | 1,148.86 | -9,549.20 | 3,877.80 | 3,777.70 | 100.10 | 38.740 | | |
| 11,500.00 | 6,840.00 | 6,723.31 | 6,721.87 | 152.83 | 1.71 | 90.51 | 1,148.85 | -9,549.20 | 3,794.32 | 3,691.27 | 103.06 | 36.817 | | |
| 11,600.00 | 6,840.00 | 6,723.48 | 6,722.04 | 155.46 | 1.71 | 90.52 | 1,148.85 | -9,549.20 | 3,711.67 | 3,605.53 | 106.14 | 34.970 | | |
| 11,700.00 | 6,840.00 | 6,723.65 | 6,722.21 | 158.09 | 1.71 | 90.52 | 1,148.85 | -9,549.20 | 3,629.88 | 3,520.54 | 109.35 | 33.196 | | |
| 11,800.00 | 6,840.00 | 6,723.83 | 6,722.38 | 160.73 | 1.71 | 90.53 | 1,148.85 | -9,549.20 | 3,549.03 | 3,436.34 | 112.69 | 31.495 | | |
| 11,900.00 | 6,840.00 | 6,724.00 | 6,722.55 | 163.36 | 1.71 | 90.53 | 1,148.85 | -9,549.20 | 3,469.18 | 3,353.02 | 116.16 | 29.865 | | |
| 12,000.00 | 6,840.00 | 6,724.17 | 6,722.72 | 166.01 | 1.71 | 90.54 | 1,148.85 | -9,549.20 | 3,390.39 | 3,270.62 | 119.77 | 28.307 | | |
| 12,100.00 | 6,840.00 | 6,724.34 | 6,722.90 | 168.65 | 1.71 | 90.54 | 1,148.84 | -9,549.20 | 3,312.75 | 3,189.23 | 123.53 | 26.818 | | |
| 12,200.00 | 6,840.00 | 6,724.51 | 6,723.07 | 171.30 | 1.71 | 90.54 | 1,148.84 | -9,549.20 | 3,236.34 | 3,108.92 | 127.43 | 25.397 | | |
| 12,300.00 | 6,840.00 | 6,724.68 | 6,723.24 | 173.94 | 1.71 | 90.55 | 1,148.84 | -9,549.20 | 3,161.25 | 3,029.77 | 131.48 | 24.044 | | |
| 12,400.00 | 6,840.00 | 6,724.85 | 6,723.41 | 176.59 | 1.71 | 90.55 | 1,148.84 | -9,549.20 | 3,087.57 | 2,951.90 | 135.67 | 22.758 | | |
| 12,500.00 | 6,840.00 | 6,725.03 | 6,723.58 | 179.25 | 1.71 | 90.56 | 1,148.84 | -9,549.20 | 3,015.40 | 2,875.39 | 140.01 | 21.536 | | |
| 12,600.00 | 6,840.00 | 6,725.20 | 6,723.76 | 181.90 | 1.71 | 90.56 | 1,148.83 | -9,549.20 | 2,944.86 | 2,800.36 | 144.50 | 20.379 | | |
| 12,700.00 | 6,840.00 | 6,725.37 | 6,723.93 | 184.56 | 1.71 | 90.57 | 1,148.83 | -9,549.20 | 2,876.07 | 2,726.94 | 149.14 | 19.285 | | |
| 12,800.00 | 6,840.00 | 6,725.54 | 6,724.10 | 187.22 | 1.71 | 90.57 | 1,148.83 | -9,549.21 | 2,809.16 | 2,655.25 | 153.91 | 18.252 | | |
| 12,900.00 | 6,840.00 | 6,725.72 | 6,724.27 | 189.88 | 1.71 | 90.58 | 1,148.83 | -9,549.21 | 2,744.26 | 2,585.45 | 158.81 | 17.280 | | |
| 13,000.00 | 6,840.00 | 6,725.89 | 6,724.45 | 192.54 | 1.71 | 90.58 | 1,148.83 | -9,549.21 | 2,681.51 | 2,517.68 | 163.83 | 16.368 | | |
| 13,100.00 | 6,840.00 | 6,726.07 | 6,724.62 | 195.20 | 1.71 | 90.59 | 1,148.82 | -9,549.21 | 2,621.09 | 2,452.13 | 168.96 | 15.513 | | |
| 13,200.00 | 6,840.00 | 6,726.24 | 6,724.80 | 197.87 | 1.71 | 90.59 | 1,148.82 | -9,549.21 | 2,563.13 | 2,388.96 | 174.17 | 14.716 | | |
| 13,300.00 | 6,840.00 | 6,726.41 | 6,724.97 | 200.53 | 1.71 | 90.60 | 1,148.82 | -9,549.21 | 2,507.83 | 2,328.38 | 179.45 | 13.975 | | |
| 13,400.00 | 6,840.00 | 6,726.59 | 6,725.15 | 203.20 | 1.71 | 90.60 | 1,148.82 | -9,549.21 | 2,455.36 | 2,270.59 | 184.77 | 13.289 | | |
| 13,500.00 | 6,840.00 | 6,726.76 | 6,725.32 | 205.87 | 1.71 | 90.61 | 1,148.82 | -9,549.21 | 2,405.91 | 2,215.80 | 190.10 | 12.656 | | |
| 13,600.00 | 6,840.00 | 6,726.94 | 6,725.50 | 208.54 | 1.71 | 90.61 | 1,148.81 | -9,549.21 | 2,359.65 | 2,164.25 | 195.41 | 12.076 | | |
| 13,700.00 | 6,840.00 | 6,727.11 | 6,725.67 | 211.22 | 1.71 | 90.62 | 1,148.81 | -9,549.21 | 2,316.79 | 2,116.15 | 200.64 | 11.547 | | |
| 13,800.00 | 6,840.00 | 6,727.29 | 6,725.85 | 213.89 | 1.71 | 90.62 | 1,148.81 | -9,549.21 | 2,277.52 | 2,071.75 | 205.77 | 11.068 | | |
| 13,900.00 | 6,840.00 | 6,727.47 | 6,726.02 | 216.56 | 1.71 | 90.62 | 1,148.81 | -9,549.21 | 2,242.02 | 2,031.29 | 210.73 | 10.639 | | |
| 14,000.00 | 6,840.00 | 6,727.64 | 6,726.20 | 219.24 | 1.71 | 90.63 | 1,148.81 | -9,549.21 | 2,210.49 | 1,995.00 | 215.49 | 10.258 | | |
| 14,100.00 | 6,840.00 | 6,727.82 | 6,726.38 | 221.92 | 1.71 | 90.63 | 1,148.80 | -9,549.21 | 2,183.08 | 1,963.10 | 219.98 | 9.924 | | |
| 14,200.00 | 6,840.00 | 6,728.00 | 6,726.55 | 224.59 | 1.71 | 90.64 | 1,148.80 | -9,549.21 | 2,159.95 | 1,935.80 | 224.16 | 9.636 | | |
| 14,300.00 | 6,840.00 | 6,728.17 | 6,726.73 | 227.27 | 1.71 | 90.64 | 1,148.80 | -9,549.21 | 2,141.25 | 1,913.29 | 227.97 | 9.393 | | |
| 14,400.00 | 6,840.00 | 6,728.35 | 6,726.91 | 229.95 | 1.71 | 90.65 | 1,148.80 | -9,549.21 | 2,127.10 | 1,895.73 | 231.37 | 9.194 | | |
| 14,500.00 | 6,840.00 | 6,728.53 | 6,727.08 | 232.63 | 1.71 | 90.65 | 1,148.79 | -9,549.21 | 2,117.57 | 1,883.26 | 234.31 | 9.037 | | |
| 14,600.00 | 6,840.00 | 6,728.71 | 6,727.26 | 235.31 | 1.71 | 90.66 | 1,148.79 | -9,549.21 | 2,112.74 | 1,875.97 | 236.78 | 8.923 | | |
| 14,652.14 | 6,840.00 | 6,728.80 | 6,727.36 | 236.71 | 1.71 | 90.66 | 1,148.79 | -9,549.21 | 2,112.10 | 1,874.24 | 237.86 | 8.880 CC | | |
| 14,700.00 | 6,840.00 | 6,728.88 | 6,727.44 | 238.00 | 1.71 | 90.66 | 1,148.79 | -9,549.21 | 2,112.64 | 1,873.91 | 238.73 | 8.849 ES | | |
| 14,800.00 | 6,840.00 | 6,729.06 | 6,727.62 | 240.68 | 1.71 | 90.67 | 1,148.79 | -9,549.21 | 2,117.27 | 1,877.10 | 240.17 | 8.816 SF | | |
| 14,900.00 | 6,840.00 | 6,729.24 | 6,727.80 | 243.36 | 1.71 | 90.67 | 1,148.79 | -9,549.21 | 2,126.60 | 1,885.52 | 241.08 | 8.821 | | |
| 15,000.00 | 6,840.00 | 6,729.42 | 6,727.98 | 246.05 | 1.71 | 90.68 | 1,148.78 | -9,549.21 | 2,140.56 | 1,899.09 | 241.47 | 8.865 | | |
| 15,100.00 | 6,840.00 | 6,729.60 | 6,728.16 | 248.74 | 1.71 | 90.68 | 1,148.78 | -9,549.21 | 2,159.06 | 1,917.70 | 241.36 | 8.945 | | |
| 15,200.00 | 6,840.00 | 6,729.78 | 6,728.34 | 251.42 | 1.71 | 90.69 | 1,148.78 | -9,549.21 | 2,182.00 | 1,941.22 | 240.78 | 9.062 | | |
| 15,300.00 | 6,840.00 | 6,729.96 | 6,728.52 | 254.11 | 1.71 | 90.69 | 1,148.78 | -9,549.21 | 2,209.23 | 1,969.47 | 239.76 | 9.214 | | |
| 15,400.00 | 6,840.00 | 6,730.14 | 6,728.70 | 256.80 | 1.71 | 90.70 | 1,148.78 | -9,549.21 | 2,240.60 | 2,002.26 | 238.34 | 9.401 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER R G 26-5 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: 0.00 usft | |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|------------------------------|---------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: 0.00 usft | |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,500.00 | 6,840.00 | 6,730.32 | 6,728.88 | 259.49 | 1.71 | 90.70 | 1,148.77 | -9,549.21 | 2,275.93 | 2,039.37 | 236.56 | 9.621 | | |
| 15,600.00 | 6,840.00 | 6,730.50 | 6,729.06 | 262.17 | 1.71 | 90.71 | 1,148.77 | -9,549.21 | 2,315.04 | 2,080.58 | 234.46 | 9.874 | | |
| 15,700.00 | 6,840.00 | 6,730.68 | 6,729.24 | 264.86 | 1.71 | 90.71 | 1,148.77 | -9,549.21 | 2,357.75 | 2,125.66 | 232.09 | 10.159 | | |
| 15,800.00 | 6,840.00 | 6,730.86 | 6,729.42 | 267.55 | 1.71 | 90.72 | 1,148.77 | -9,549.21 | 2,403.86 | 2,174.38 | 229.48 | 10.475 | | |
| 15,900.00 | 6,840.00 | 6,731.04 | 6,729.60 | 270.25 | 1.71 | 90.72 | 1,148.77 | -9,549.22 | 2,453.19 | 2,226.49 | 226.70 | 10.821 | | |
| 16,000.00 | 6,840.00 | 6,731.23 | 6,729.78 | 272.94 | 1.71 | 90.73 | 1,148.76 | -9,549.22 | 2,505.53 | 2,281.78 | 223.76 | 11.198 | | |
| 16,100.00 | 6,840.00 | 6,731.41 | 6,729.96 | 275.63 | 1.71 | 90.73 | 1,148.76 | -9,549.22 | 2,560.72 | 2,340.01 | 220.70 | 11.602 | | |
| 16,200.00 | 6,840.00 | 6,731.59 | 6,730.15 | 278.32 | 1.71 | 90.74 | 1,148.76 | -9,549.22 | 2,618.56 | 2,400.99 | 217.57 | 12.035 | | |
| 16,300.00 | 6,840.00 | 6,731.77 | 6,730.33 | 281.02 | 1.71 | 90.74 | 1,148.76 | -9,549.22 | 2,678.88 | 2,464.50 | 214.38 | 12.496 | | |
| 16,400.00 | 6,840.00 | 6,731.96 | 6,730.51 | 283.71 | 1.71 | 90.75 | 1,148.76 | -9,549.22 | 2,741.53 | 2,530.37 | 211.16 | 12.983 | | |
| 16,500.00 | 6,840.00 | 6,732.14 | 6,730.69 | 286.40 | 1.71 | 90.75 | 1,148.75 | -9,549.22 | 2,806.34 | 2,598.41 | 207.94 | 13.496 | | |
| 16,600.00 | 6,840.00 | 6,732.32 | 6,730.88 | 289.10 | 1.71 | 90.76 | 1,148.75 | -9,549.22 | 2,873.17 | 2,668.45 | 204.72 | 14.035 | | |
| 16,700.00 | 6,840.00 | 6,732.51 | 6,731.06 | 291.79 | 1.71 | 90.76 | 1,148.75 | -9,549.22 | 2,941.89 | 2,740.36 | 201.53 | 14.598 | | |
| 16,800.00 | 6,840.00 | 6,732.69 | 6,731.25 | 294.49 | 1.71 | 90.77 | 1,148.75 | -9,549.22 | 3,012.35 | 2,813.98 | 198.38 | 15.185 | | |
| 16,900.00 | 6,840.00 | 6,732.87 | 6,731.43 | 297.19 | 1.71 | 90.77 | 1,148.74 | -9,549.22 | 3,084.45 | 2,889.18 | 195.27 | 15.796 | | |
| 17,000.00 | 6,840.00 | 6,733.06 | 6,731.61 | 299.88 | 1.71 | 90.78 | 1,148.74 | -9,549.22 | 3,158.07 | 2,965.85 | 192.23 | 16.429 | | |
| 17,100.00 | 6,840.00 | 6,733.24 | 6,731.80 | 302.58 | 1.71 | 90.78 | 1,148.74 | -9,549.22 | 3,233.11 | 3,043.87 | 189.24 | 17.085 | | |
| 17,200.00 | 6,840.00 | 6,733.43 | 6,731.98 | 305.28 | 1.71 | 90.79 | 1,148.74 | -9,549.22 | 3,309.47 | 3,123.14 | 186.32 | 17.762 | | |
| 17,300.00 | 6,840.00 | 6,733.61 | 6,732.17 | 307.97 | 1.71 | 90.79 | 1,148.74 | -9,549.22 | 3,387.05 | 3,203.58 | 183.48 | 18.460 | | |
| 17,400.00 | 6,840.00 | 6,733.80 | 6,732.36 | 310.67 | 1.71 | 90.80 | 1,148.73 | -9,549.22 | 3,465.79 | 3,285.08 | 180.71 | 19.179 | | |
| 17,500.00 | 6,840.00 | 6,733.99 | 6,732.54 | 313.37 | 1.71 | 90.80 | 1,148.73 | -9,549.22 | 3,545.60 | 3,367.59 | 178.01 | 19.918 | | |
| 17,600.00 | 6,840.00 | 6,734.17 | 6,732.73 | 316.07 | 1.71 | 90.81 | 1,148.73 | -9,549.22 | 3,626.41 | 3,451.02 | 175.39 | 20.676 | | |
| 17,700.00 | 6,840.00 | 6,734.36 | 6,732.91 | 318.77 | 1.71 | 90.81 | 1,148.73 | -9,549.22 | 3,708.16 | 3,535.31 | 172.85 | 21.454 | | |
| 17,800.00 | 6,840.00 | 6,734.55 | 6,733.10 | 321.47 | 1.71 | 90.82 | 1,148.73 | -9,549.22 | 3,790.78 | 3,620.40 | 170.38 | 22.249 | | |
| 17,900.00 | 6,840.00 | 6,734.73 | 6,733.29 | 324.17 | 1.71 | 90.82 | 1,148.72 | -9,549.22 | 3,874.22 | 3,706.23 | 167.98 | 23.063 | | |
| 18,000.00 | 6,840.00 | 6,734.92 | 6,733.48 | 326.87 | 1.71 | 90.83 | 1,148.72 | -9,549.22 | 3,958.43 | 3,792.76 | 165.66 | 23.894 | | |
| 18,100.00 | 6,840.00 | 6,735.11 | 6,733.66 | 329.57 | 1.71 | 90.83 | 1,148.72 | -9,549.22 | 4,043.35 | 3,879.93 | 163.42 | 24.742 | | |
| 18,200.00 | 6,840.00 | 6,735.30 | 6,733.85 | 332.27 | 1.71 | 90.84 | 1,148.72 | -9,549.22 | 4,128.96 | 3,967.71 | 161.24 | 25.607 | | |
| 18,300.00 | 6,840.00 | 6,735.48 | 6,734.04 | 334.97 | 1.71 | 90.84 | 1,148.71 | -9,549.22 | 4,215.19 | 4,056.06 | 159.14 | 26.488 | | |
| 18,400.00 | 6,840.00 | 6,735.67 | 6,734.23 | 337.67 | 1.71 | 90.85 | 1,148.71 | -9,549.22 | 4,302.02 | 4,144.93 | 157.10 | 27.384 | | |
| 18,500.00 | 6,840.00 | 6,735.86 | 6,734.42 | 340.38 | 1.71 | 90.85 | 1,148.71 | -9,549.22 | 4,389.42 | 4,234.29 | 155.12 | 28.296 | | |
| 18,600.00 | 6,840.00 | 6,736.05 | 6,734.61 | 343.08 | 1.71 | 90.86 | 1,148.71 | -9,549.22 | 4,477.34 | 4,324.12 | 153.21 | 29.223 | | |
| 18,700.00 | 6,840.00 | 6,736.24 | 6,734.80 | 345.78 | 1.71 | 90.86 | 1,148.71 | -9,549.22 | 4,565.76 | 4,414.39 | 151.37 | 30.164 | | |
| 18,800.00 | 6,840.00 | 6,736.43 | 6,734.99 | 348.48 | 1.71 | 90.87 | 1,148.70 | -9,549.23 | 4,654.64 | 4,505.07 | 149.58 | 31.119 | | |
| 18,900.00 | 6,840.00 | 6,736.62 | 6,735.18 | 351.19 | 1.71 | 90.87 | 1,148.70 | -9,549.23 | 4,743.97 | 4,596.13 | 147.84 | 32.088 | | |
| 19,000.00 | 6,840.00 | 6,736.81 | 6,735.37 | 353.89 | 1.71 | 90.88 | 1,148.70 | -9,549.23 | 4,833.72 | 4,687.55 | 146.17 | 33.070 | | |
| 19,100.00 | 6,840.00 | 6,737.00 | 6,735.56 | 356.59 | 1.71 | 90.88 | 1,148.70 | -9,549.23 | 4,923.86 | 4,779.32 | 144.54 | 34.065 | | |
| 19,200.00 | 6,840.00 | 6,737.19 | 6,735.75 | 359.30 | 1.71 | 90.89 | 1,148.69 | -9,549.23 | 5,014.38 | 4,871.40 | 142.97 | 35.072 | | |
| 19,300.00 | 6,840.00 | 6,737.38 | 6,735.94 | 362.00 | 1.71 | 90.89 | 1,148.69 | -9,549.23 | 5,105.25 | 4,963.80 | 141.45 | 36.092 | | |
| 19,400.00 | 6,840.00 | 6,737.58 | 6,736.13 | 364.71 | 1.71 | 90.90 | 1,148.69 | -9,549.23 | 5,196.45 | 5,056.47 | 139.98 | 37.124 | | |
| 19,500.00 | 6,840.00 | 6,737.77 | 6,736.32 | 367.41 | 1.71 | 90.90 | 1,148.69 | -9,549.23 | 5,287.98 | 5,149.43 | 138.55 | 38.167 | | |
| 19,600.00 | 6,840.00 | 6,737.96 | 6,736.51 | 370.11 | 1.71 | 90.91 | 1,148.69 | -9,549.23 | 5,379.80 | 5,242.63 | 137.17 | 39.221 | | |
| 19,700.00 | 6,840.00 | 6,738.15 | 6,736.71 | 372.82 | 1.71 | 90.91 | 1,148.68 | -9,549.23 | 5,471.91 | 5,336.09 | 135.83 | 40.286 | | |
| 19,800.00 | 6,840.00 | 6,738.34 | 6,736.90 | 375.53 | 1.71 | 90.92 | 1,148.68 | -9,549.23 | 5,564.30 | 5,429.77 | 134.53 | 41.362 | | |
| 19,900.00 | 6,840.00 | 6,738.54 | 6,737.09 | 378.23 | 1.71 | 90.92 | 1,148.68 | -9,549.23 | 5,656.94 | 5,523.67 | 133.27 | 42.448 | | |
| 20,000.00 | 6,840.00 | 6,738.73 | 6,737.29 | 380.94 | 1.71 | 90.93 | 1,148.68 | -9,549.23 | 5,749.83 | 5,617.78 | 132.05 | 43.544 | | |
| 20,100.00 | 6,840.00 | 6,738.93 | 6,737.48 | 383.64 | 1.71 | 90.94 | 1,148.67 | -9,549.23 | 5,842.95 | 5,712.09 | 130.86 | 44.650 | | |
| 20,200.00 | 6,840.00 | 6,739.12 | 6,737.67 | 386.35 | 1.71 | 90.94 | 1,148.67 | -9,549.23 | 5,936.30 | 5,806.59 | 129.71 | 45.765 | | |
| 20,300.00 | 6,840.00 | 6,739.31 | 6,737.87 | 389.05 | 1.71 | 90.95 | 1,148.67 | -9,549.23 | 6,029.86 | 5,901.27 | 128.60 | 46.890 | | |
| 20,400.00 | 6,840.00 | 6,739.51 | 6,738.06 | 391.76 | 1.71 | 90.95 | 1,148.67 | -9,549.23 | 6,123.63 | 5,996.11 | 127.51 | 48.023 | | |
| 20,442.82 | 6,840.00 | 6,739.59 | 6,738.15 | 392.92 | 1.71 | 90.95 | 1,148.67 | -9,549.23 | 6,163.83 | 6,036.77 | 127.06 | 48.511 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER R G 26-6 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -81.82 | 1,182.80 | -8,227.82 | 8,313.42 | | | | | |
| 100.00 | 100.00 | 0.00 | 0.00 | 0.13 | 0.00 | -81.82 | 1,182.80 | -8,227.82 | 8,312.46 | 8,312.32 | 0.13 | N/A | | |
| 147.62 | 147.62 | 17.62 | 17.62 | 0.31 | 0.14 | -81.82 | 1,182.80 | -8,227.82 | 8,312.40 | 8,311.96 | 0.44 | N/A | | |
| 200.00 | 200.00 | 70.00 | 70.00 | 0.49 | 0.54 | -81.82 | 1,182.80 | -8,227.82 | 8,312.40 | 8,311.37 | 1.03 | 8,066.688 | | |
| 300.00 | 300.00 | 170.00 | 170.00 | 0.85 | 1.99 | -81.82 | 1,182.80 | -8,227.82 | 8,312.40 | 8,309.56 | 2.84 | 2,925.825 | | |
| 400.00 | 400.00 | 270.00 | 270.00 | 1.21 | 3.74 | -81.82 | 1,182.80 | -8,227.82 | 8,312.40 | 8,307.46 | 4.94 | 1,681.023 | | |
| 500.00 | 500.00 | 370.00 | 370.00 | 1.57 | 5.48 | -81.82 | 1,182.80 | -8,227.82 | 8,312.40 | 8,305.36 | 7.05 | 1,179.290 | | |
| 600.00 | 599.98 | 469.98 | 469.98 | 1.92 | 7.23 | 34.00 | 1,182.80 | -8,227.82 | 8,310.96 | 8,301.82 | 9.14 | 909.258 | | |
| 700.00 | 699.84 | 569.84 | 569.84 | 2.26 | 8.97 | 34.07 | 1,182.80 | -8,227.82 | 8,306.62 | 8,295.39 | 11.23 | 739.918 | | |
| 800.00 | 799.45 | 669.45 | 669.45 | 2.62 | 10.71 | 34.18 | 1,182.80 | -8,227.82 | 8,299.39 | 8,286.08 | 13.32 | 623.227 | | |
| 900.00 | 898.70 | 768.70 | 768.70 | 2.99 | 12.44 | 34.35 | 1,182.80 | -8,227.82 | 8,289.30 | 8,273.89 | 15.41 | 537.925 | | |
| 1,000.00 | 997.47 | 867.47 | 867.47 | 3.39 | 14.16 | 34.55 | 1,182.80 | -8,227.82 | 8,276.35 | 8,258.84 | 17.50 | 472.812 | | |
| 1,100.00 | 1,095.62 | 965.62 | 965.62 | 3.81 | 15.88 | 34.81 | 1,182.80 | -8,227.82 | 8,260.56 | 8,240.96 | 19.60 | 421.439 | | |
| 1,200.00 | 1,193.06 | 1,063.06 | 1,063.06 | 4.27 | 17.58 | 35.12 | 1,182.80 | -8,227.82 | 8,241.97 | 8,220.27 | 21.70 | 379.832 | | |
| 1,300.00 | 1,289.64 | 1,159.64 | 1,159.64 | 4.77 | 19.26 | 35.47 | 1,182.80 | -8,227.82 | 8,220.61 | 8,196.81 | 23.80 | 345.415 | | |
| 1,400.00 | 1,385.27 | 1,255.27 | 1,255.27 | 5.31 | 20.93 | 35.88 | 1,182.80 | -8,227.82 | 8,196.50 | 8,170.60 | 25.90 | 316.443 | | |
| 1,500.00 | 1,479.82 | 1,349.82 | 1,349.82 | 5.91 | 22.58 | 36.34 | 1,182.80 | -8,227.82 | 8,169.70 | 8,141.70 | 28.01 | 291.693 | | |
| 1,600.00 | 1,573.19 | 1,443.19 | 1,443.19 | 6.55 | 24.21 | 36.78 | 1,182.80 | -8,227.82 | 8,140.30 | 8,110.18 | 30.12 | 270.267 | | |
| 1,700.00 | 1,666.16 | 1,536.16 | 1,536.16 | 7.23 | 25.83 | 36.93 | 1,182.80 | -8,227.82 | 8,110.08 | 8,077.85 | 32.23 | 251.609 | | |
| 1,800.00 | 1,759.13 | 1,629.13 | 1,629.13 | 7.93 | 27.46 | 37.08 | 1,182.80 | -8,227.82 | 8,079.91 | 8,045.55 | 34.36 | 235.163 | | |
| 1,900.00 | 1,852.10 | 1,722.10 | 1,722.10 | 8.64 | 29.08 | 37.24 | 1,182.80 | -8,227.82 | 8,049.80 | 8,013.30 | 36.50 | 220.571 | | |
| 2,000.00 | 1,945.06 | 1,815.06 | 1,815.06 | 9.35 | 30.70 | 37.39 | 1,182.80 | -8,227.82 | 8,019.74 | 7,981.10 | 38.64 | 207.547 | | |
| 2,100.00 | 2,038.03 | 1,908.03 | 1,908.03 | 10.08 | 32.32 | 37.55 | 1,182.80 | -8,227.82 | 7,989.74 | 7,948.95 | 40.79 | 195.858 | | |
| 2,200.00 | 2,131.00 | 2,001.00 | 2,001.00 | 10.81 | 33.95 | 37.71 | 1,182.80 | -8,227.82 | 7,959.80 | 7,916.85 | 42.95 | 185.314 | | |
| 2,300.00 | 2,223.97 | 2,106.03 | 2,093.97 | 11.54 | 35.78 | 37.87 | 1,182.80 | -8,227.82 | 7,929.92 | 7,884.59 | 45.33 | 174.941 | | |
| 2,400.00 | 2,316.94 | 2,186.94 | 2,186.94 | 12.28 | 37.19 | 38.02 | 1,182.80 | -8,227.82 | 7,900.09 | 7,852.80 | 47.29 | 167.058 | | |
| 2,500.00 | 2,409.90 | 2,279.90 | 2,279.90 | 13.02 | 38.81 | 38.19 | 1,182.80 | -8,227.82 | 7,870.33 | 7,820.86 | 49.47 | 159.109 | | |
| 2,600.00 | 2,502.87 | 2,372.87 | 2,372.87 | 13.77 | 40.44 | 38.35 | 1,182.80 | -8,227.82 | 7,840.62 | 7,788.98 | 51.65 | 151.817 | | |
| 2,700.00 | 2,595.84 | 2,465.84 | 2,465.84 | 14.51 | 42.06 | 38.51 | 1,182.80 | -8,227.82 | 7,810.98 | 7,757.15 | 53.83 | 145.105 | | |
| 2,800.00 | 2,688.81 | 2,558.81 | 2,558.81 | 15.26 | 43.68 | 38.68 | 1,182.80 | -8,227.82 | 7,781.39 | 7,725.37 | 56.02 | 138.909 | | |
| 2,900.00 | 2,781.77 | 2,651.77 | 2,651.77 | 16.01 | 45.30 | 38.84 | 1,182.80 | -8,227.82 | 7,751.87 | 7,693.66 | 58.21 | 133.171 | | |
| 3,000.00 | 2,874.74 | 2,744.74 | 2,744.74 | 16.76 | 46.93 | 39.01 | 1,182.80 | -8,227.82 | 7,722.41 | 7,662.01 | 60.41 | 127.843 | | |
| 3,100.00 | 2,967.71 | 2,837.71 | 2,837.71 | 17.52 | 48.55 | 39.18 | 1,182.80 | -8,227.82 | 7,693.02 | 7,630.41 | 62.60 | 122.883 | | |
| 3,200.00 | 3,060.68 | 2,930.68 | 2,930.68 | 18.27 | 50.17 | 39.34 | 1,182.80 | -8,227.82 | 7,663.69 | 7,598.88 | 64.81 | 118.255 | | |
| 3,300.00 | 3,153.65 | 3,023.65 | 3,023.65 | 19.03 | 51.80 | 39.52 | 1,182.80 | -8,227.82 | 7,634.42 | 7,567.41 | 67.01 | 113.926 | | |
| 3,400.00 | 3,246.61 | 3,116.61 | 3,116.61 | 19.78 | 53.42 | 39.69 | 1,182.80 | -8,227.82 | 7,605.22 | 7,536.00 | 69.22 | 109.870 | | |
| 3,500.00 | 3,339.58 | 3,209.58 | 3,209.58 | 20.54 | 55.04 | 39.86 | 1,182.80 | -8,227.82 | 7,576.09 | 7,504.66 | 71.43 | 106.060 | | |
| 3,600.00 | 3,432.55 | 3,302.55 | 3,302.55 | 21.30 | 56.66 | 40.03 | 1,182.80 | -8,227.82 | 7,547.02 | 7,473.38 | 73.65 | 102.477 | | |
| 3,700.00 | 3,525.52 | 3,404.48 | 3,395.52 | 22.06 | 58.44 | 40.21 | 1,182.80 | -8,227.82 | 7,518.03 | 7,442.01 | 76.02 | 98.895 | | |
| 3,800.00 | 3,618.49 | 3,488.49 | 3,488.49 | 22.82 | 59.91 | 40.39 | 1,182.80 | -8,227.82 | 7,489.10 | 7,411.01 | 78.08 | 95.910 | | |
| 3,900.00 | 3,711.45 | 3,581.45 | 3,581.45 | 23.57 | 61.53 | 40.56 | 1,182.80 | -8,227.82 | 7,460.24 | 7,379.93 | 80.31 | 92.896 | | |
| 4,000.00 | 3,804.42 | 3,674.42 | 3,674.42 | 24.33 | 63.15 | 40.74 | 1,182.80 | -8,227.82 | 7,431.45 | 7,348.92 | 82.53 | 90.041 | | |
| 4,100.00 | 3,897.39 | 3,767.39 | 3,767.39 | 25.09 | 64.78 | 40.92 | 1,182.80 | -8,227.82 | 7,402.73 | 7,317.97 | 84.76 | 87.335 | | |
| 4,200.00 | 3,990.36 | 3,860.36 | 3,860.36 | 25.86 | 66.40 | 41.11 | 1,182.80 | -8,227.82 | 7,374.09 | 7,287.09 | 86.99 | 84.765 | | |
| 4,300.00 | 4,083.32 | 3,953.32 | 3,953.32 | 26.62 | 68.02 | 41.29 | 1,182.80 | -8,227.82 | 7,345.52 | 7,256.29 | 89.23 | 82.322 | | |
| 4,400.00 | 4,176.29 | 4,046.29 | 4,046.29 | 27.38 | 69.64 | 41.47 | 1,182.80 | -8,227.82 | 7,317.02 | 7,225.55 | 91.47 | 79.997 | | |
| 4,500.00 | 4,269.26 | 4,139.26 | 4,139.26 | 28.14 | 71.27 | 41.66 | 1,182.80 | -8,227.82 | 7,288.59 | 7,194.89 | 93.71 | 77.781 | | |
| 4,600.00 | 4,362.23 | 4,232.23 | 4,232.23 | 28.90 | 72.89 | 41.85 | 1,182.80 | -8,227.82 | 7,260.25 | 7,164.30 | 95.95 | 75.667 | | |
| 4,700.00 | 4,455.20 | 4,325.20 | 4,325.20 | 29.66 | 74.51 | 42.04 | 1,182.80 | -8,227.82 | 7,231.98 | 7,133.78 | 98.20 | 73.648 | | |
| 4,800.00 | 4,548.16 | 4,418.16 | 4,418.16 | 30.43 | 76.13 | 42.23 | 1,182.80 | -8,227.82 | 7,203.78 | 7,103.34 | 100.44 | 71.719 | | |
| 4,900.00 | 4,641.13 | 4,511.13 | 4,511.13 | 31.19 | 77.76 | 42.42 | 1,182.80 | -8,227.82 | 7,175.67 | 7,072.97 | 102.70 | 69.873 | | |
| 5,000.00 | 4,734.10 | 4,604.10 | 4,604.10 | 31.95 | 79.38 | 42.61 | 1,182.80 | -8,227.82 | 7,147.63 | 7,042.68 | 104.95 | 68.105 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER R G 26-6 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INCL-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,702.93 | 4,697.07 | 32.71 | 81.10 | 42.80 | 1,182.80 | -8,227.82 | 7,119.68 | 7,012.37 | 107.31 | 66.347 | | |
| 5,200.00 | 4,920.04 | 4,809.96 | 4,790.04 | 33.48 | 82.97 | 43.00 | 1,182.80 | -8,227.82 | 7,091.80 | 6,981.98 | 109.82 | 64.579 | | |
| 5,300.00 | 5,013.00 | 4,883.00 | 4,883.00 | 34.24 | 84.25 | 43.20 | 1,182.80 | -8,227.82 | 7,064.01 | 6,952.28 | 111.73 | 63.223 | | |
| 5,400.00 | 5,105.97 | 4,975.97 | 4,975.97 | 35.00 | 85.87 | 43.40 | 1,182.80 | -8,227.82 | 7,036.30 | 6,922.30 | 114.00 | 61.724 | | |
| 5,500.00 | 5,198.94 | 5,068.94 | 5,068.94 | 35.77 | 87.49 | 43.60 | 1,182.80 | -8,227.82 | 7,008.67 | 6,892.41 | 116.27 | 60.281 | | |
| 5,600.00 | 5,291.91 | 5,161.91 | 5,161.91 | 36.53 | 89.11 | 43.80 | 1,182.80 | -8,227.82 | 6,981.13 | 6,862.60 | 118.54 | 58.894 | | |
| 5,700.00 | 5,384.87 | 5,254.87 | 5,254.87 | 37.29 | 90.74 | 44.00 | 1,182.80 | -8,227.82 | 6,953.68 | 6,832.87 | 120.81 | 57.558 | | |
| 5,800.00 | 5,477.84 | 5,347.84 | 5,347.84 | 38.06 | 92.36 | 44.20 | 1,182.80 | -8,227.82 | 6,926.31 | 6,803.22 | 123.09 | 56.270 | | |
| 5,900.00 | 5,570.81 | 5,440.81 | 5,440.81 | 38.82 | 93.98 | 44.41 | 1,182.80 | -8,227.82 | 6,899.03 | 6,773.66 | 125.37 | 55.029 | | |
| 6,000.00 | 5,663.78 | 5,533.78 | 5,533.78 | 39.59 | 95.61 | 44.62 | 1,182.80 | -8,227.82 | 6,871.84 | 6,744.19 | 127.65 | 53.832 | | |
| 6,100.00 | 5,756.75 | 5,626.75 | 5,626.75 | 40.35 | 97.23 | 44.83 | 1,182.80 | -8,227.82 | 6,844.74 | 6,714.80 | 129.94 | 52.676 | | |
| 6,200.00 | 5,849.71 | 5,719.71 | 5,719.71 | 41.12 | 98.85 | 45.04 | 1,182.80 | -8,227.82 | 6,817.73 | 6,685.50 | 132.23 | 51.560 | | |
| 6,300.00 | 5,942.68 | 5,812.68 | 5,812.68 | 41.88 | 100.47 | 45.25 | 1,182.80 | -8,227.82 | 6,790.82 | 6,656.30 | 134.52 | 50.481 | | |
| 6,400.00 | 6,035.65 | 5,905.65 | 5,905.65 | 42.64 | 102.10 | 45.46 | 1,182.80 | -8,227.82 | 6,764.00 | 6,627.18 | 136.82 | 49.438 | | |
| 6,500.00 | 6,128.62 | 6,001.38 | 5,998.62 | 43.41 | 103.77 | 45.68 | 1,182.80 | -8,227.82 | 6,737.27 | 6,598.10 | 139.16 | 48.412 | | |
| 6,600.00 | 6,221.59 | 6,108.42 | 6,091.59 | 44.17 | 105.63 | 45.90 | 1,182.80 | -8,227.82 | 6,710.64 | 6,568.92 | 141.71 | 47.354 | | |
| 6,700.00 | 6,314.55 | 6,184.55 | 6,184.55 | 44.94 | 106.96 | 46.12 | 1,182.80 | -8,227.82 | 6,684.10 | 6,540.38 | 143.72 | 46.507 | | |
| 6,800.00 | 6,407.52 | 6,277.52 | 6,277.52 | 45.70 | 108.59 | 46.34 | 1,182.80 | -8,227.82 | 6,657.66 | 6,511.63 | 146.03 | 45.591 | | |
| 6,900.00 | 6,499.98 | 6,369.98 | 6,369.98 | 46.49 | 110.20 | 42.87 | 1,182.80 | -8,227.82 | 6,629.99 | 6,481.65 | 148.34 | 44.694 | | |
| 7,000.00 | 6,586.50 | 6,456.50 | 6,456.50 | 47.49 | 111.71 | 38.54 | 1,182.80 | -8,227.82 | 6,589.70 | 6,439.06 | 150.64 | 43.744 | | |
| 7,100.00 | 6,663.58 | 6,533.58 | 6,533.58 | 48.75 | 113.06 | 38.01 | 1,182.80 | -8,227.82 | 6,535.26 | 6,382.41 | 152.85 | 42.755 | | |
| 7,200.00 | 6,728.87 | 6,601.13 | 6,598.87 | 50.23 | 114.23 | 40.35 | 1,182.80 | -8,227.82 | 6,468.37 | 6,313.43 | 154.95 | 41.746 | | |
| 7,300.00 | 6,780.38 | 6,650.38 | 6,650.38 | 51.91 | 115.09 | 45.94 | 1,182.80 | -8,227.82 | 6,391.10 | 6,234.37 | 156.74 | 40.776 | | |
| 7,400.00 | 6,816.56 | 6,686.56 | 6,686.56 | 53.74 | 115.73 | 56.29 | 1,182.80 | -8,227.82 | 6,305.82 | 6,147.54 | 158.28 | 39.840 | | |
| 7,500.00 | 6,836.29 | 6,706.29 | 6,706.29 | 55.65 | 116.07 | 73.94 | 1,182.80 | -8,227.82 | 6,215.10 | 6,055.61 | 159.49 | 38.968 | | |
| 7,600.00 | 6,840.00 | 6,710.00 | 6,710.00 | 57.58 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 6,121.75 | 5,961.39 | 160.36 | 38.176 | | |
| 7,700.00 | 6,840.00 | 6,710.00 | 6,710.00 | 59.56 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 6,028.23 | 5,867.06 | 161.17 | 37.403 | | |
| 7,800.00 | 6,840.00 | 6,710.00 | 6,710.00 | 61.60 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,934.93 | 5,772.91 | 162.03 | 36.630 | | |
| 7,900.00 | 6,840.00 | 6,710.00 | 6,710.00 | 63.69 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,841.85 | 5,678.93 | 162.92 | 35.857 | | |
| 8,000.00 | 6,840.00 | 6,710.00 | 6,710.00 | 65.82 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,749.00 | 5,585.14 | 163.86 | 35.084 | | |
| 8,100.00 | 6,840.00 | 6,710.00 | 6,710.00 | 67.99 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,656.40 | 5,491.55 | 164.85 | 34.312 | | |
| 8,200.00 | 6,840.00 | 6,710.00 | 6,710.00 | 70.21 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,564.05 | 5,398.17 | 165.88 | 33.542 | | |
| 8,300.00 | 6,840.00 | 6,710.00 | 6,710.00 | 72.45 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,471.97 | 5,305.01 | 166.97 | 32.773 | | |
| 8,400.00 | 6,840.00 | 6,710.00 | 6,710.00 | 74.73 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,380.18 | 5,212.07 | 168.10 | 32.005 | | |
| 8,500.00 | 6,840.00 | 6,710.00 | 6,710.00 | 77.04 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,288.68 | 5,119.39 | 169.29 | 31.240 | | |
| 8,600.00 | 6,840.00 | 6,710.00 | 6,710.00 | 79.38 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,197.49 | 5,026.96 | 170.54 | 30.477 | | |
| 8,700.00 | 6,840.00 | 6,710.00 | 6,710.00 | 81.74 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,106.64 | 4,934.80 | 171.84 | 29.718 | | |
| 8,800.00 | 6,840.00 | 6,710.00 | 6,710.00 | 84.12 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,016.13 | 4,842.93 | 173.20 | 28.961 | | |
| 8,900.00 | 6,840.00 | 6,710.00 | 6,710.00 | 86.52 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,925.99 | 4,751.36 | 174.63 | 28.209 | | |
| 9,000.00 | 6,840.00 | 6,710.00 | 6,710.00 | 88.94 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,836.24 | 4,660.12 | 176.12 | 27.460 | | |
| 9,100.00 | 6,840.00 | 6,710.00 | 6,710.00 | 91.38 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,746.89 | 4,569.22 | 177.68 | 26.717 | | |
| 9,200.00 | 6,840.00 | 6,710.00 | 6,710.00 | 93.83 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,657.98 | 4,478.68 | 179.31 | 25.978 | | |
| 9,300.00 | 6,840.00 | 6,710.00 | 6,710.00 | 96.30 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,569.53 | 4,388.52 | 181.01 | 25.245 | | |
| 9,400.00 | 6,840.00 | 6,710.00 | 6,710.00 | 98.79 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,481.57 | 4,298.78 | 182.79 | 24.518 | | |
| 9,500.00 | 6,840.00 | 6,710.00 | 6,710.00 | 101.28 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,394.12 | 4,209.47 | 184.65 | 23.797 | | |
| 9,600.00 | 6,840.00 | 6,710.00 | 6,710.00 | 103.79 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,307.21 | 4,120.62 | 186.59 | 23.083 | | |
| 9,700.00 | 6,840.00 | 6,710.00 | 6,710.00 | 106.30 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,220.89 | 4,032.26 | 188.63 | 22.377 | | |
| 9,800.00 | 6,840.00 | 6,710.00 | 6,710.00 | 108.83 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,135.18 | 3,944.43 | 190.75 | 21.679 | | |
| 9,900.00 | 6,840.00 | 6,710.00 | 6,710.00 | 111.37 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,050.13 | 3,857.16 | 192.96 | 20.989 | | |
| 10,000.00 | 6,840.00 | 6,710.00 | 6,710.00 | 113.91 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,965.77 | 3,770.50 | 195.28 | 20.309 | | |
| 10,100.00 | 6,840.00 | 6,710.00 | 6,710.00 | 116.47 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,882.16 | 3,684.47 | 197.69 | 19.638 | | |
| 10,200.00 | 6,840.00 | 6,710.00 | 6,710.00 | 119.03 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,799.34 | 3,599.13 | 200.21 | 18.977 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER R G 26-6 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,710.00 | 6,710.00 | 121.59 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,717.36 | 3,514.53 | 202.84 | 18.327 | | |
| 10,400.00 | 6,840.00 | 6,710.00 | 6,710.00 | 124.17 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,636.29 | 3,430.71 | 205.58 | 17.688 | | |
| 10,500.00 | 6,840.00 | 6,710.00 | 6,710.00 | 126.75 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,556.18 | 3,347.74 | 208.44 | 17.061 | | |
| 10,600.00 | 6,840.00 | 6,710.00 | 6,710.00 | 129.34 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,477.10 | 3,265.69 | 211.41 | 16.447 | | |
| 10,700.00 | 6,840.00 | 6,710.00 | 6,710.00 | 131.93 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,399.13 | 3,184.61 | 214.52 | 15.846 | | |
| 10,800.00 | 6,840.00 | 6,710.00 | 6,710.00 | 134.53 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,322.33 | 3,104.59 | 217.74 | 15.258 | | |
| 10,900.00 | 6,840.00 | 6,710.00 | 6,710.00 | 137.13 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,246.80 | 3,025.70 | 221.10 | 14.685 | | |
| 11,000.00 | 6,840.00 | 6,710.00 | 6,710.00 | 139.73 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,172.62 | 2,948.04 | 224.58 | 14.127 | | |
| 11,100.00 | 6,840.00 | 6,710.00 | 6,710.00 | 142.35 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,099.89 | 2,871.70 | 228.19 | 13.585 | | |
| 11,200.00 | 6,840.00 | 6,710.00 | 6,710.00 | 144.96 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,028.72 | 2,796.78 | 231.94 | 13.058 | | |
| 11,300.00 | 6,840.00 | 6,710.00 | 6,710.00 | 147.58 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,959.21 | 2,723.41 | 235.81 | 12.549 | | |
| 11,400.00 | 6,840.00 | 6,710.00 | 6,710.00 | 150.20 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,891.50 | 2,651.69 | 239.81 | 12.058 | | |
| 11,500.00 | 6,840.00 | 6,710.00 | 6,710.00 | 152.83 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,825.70 | 2,581.77 | 243.93 | 11.584 | | |
| 11,600.00 | 6,840.00 | 6,710.00 | 6,710.00 | 155.46 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,761.95 | 2,513.80 | 248.16 | 11.130 | | |
| 11,700.00 | 6,840.00 | 6,710.00 | 6,710.00 | 158.09 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,700.41 | 2,447.91 | 252.50 | 10.695 | | |
| 11,800.00 | 6,840.00 | 6,710.00 | 6,710.00 | 160.73 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,641.22 | 2,384.29 | 256.93 | 10.280 | | |
| 11,900.00 | 6,840.00 | 6,710.00 | 6,710.00 | 163.36 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,584.54 | 2,323.10 | 261.44 | 9.886 | | |
| 12,000.00 | 6,840.00 | 6,710.00 | 6,710.00 | 166.01 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,530.54 | 2,264.54 | 266.00 | 9.513 | | |
| 12,100.00 | 6,840.00 | 6,710.00 | 6,710.00 | 168.65 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,479.41 | 2,208.80 | 270.61 | 9.162 | | |
| 12,200.00 | 6,840.00 | 6,710.00 | 6,710.00 | 171.30 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,431.31 | 2,156.10 | 275.22 | 8.834 | | |
| 12,300.00 | 6,840.00 | 6,710.00 | 6,710.00 | 173.94 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,386.44 | 2,106.63 | 279.81 | 8.529 | | |
| 12,400.00 | 6,840.00 | 6,710.00 | 6,710.00 | 176.59 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,344.98 | 2,060.62 | 284.35 | 8.247 | | |
| 12,500.00 | 6,840.00 | 6,710.00 | 6,710.00 | 179.25 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,307.10 | 2,018.30 | 288.80 | 7.989 | | |
| 12,600.00 | 6,840.00 | 6,710.00 | 6,710.00 | 181.90 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,273.00 | 1,979.88 | 293.12 | 7.754 | | |
| 12,700.00 | 6,840.00 | 6,710.00 | 6,710.00 | 184.56 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,242.85 | 1,945.58 | 297.27 | 7.545 | | |
| 12,800.00 | 6,840.00 | 6,710.00 | 6,710.00 | 187.22 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,216.79 | 1,915.59 | 301.20 | 7.360 | | |
| 12,900.00 | 6,840.00 | 6,710.00 | 6,710.00 | 189.88 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,194.99 | 1,890.12 | 304.87 | 7.200 | | |
| 13,000.00 | 6,840.00 | 6,710.00 | 6,710.00 | 192.54 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,177.57 | 1,869.32 | 308.25 | 7.064 | | |
| 13,100.00 | 6,840.00 | 6,710.00 | 6,710.00 | 195.20 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,164.63 | 1,853.34 | 311.29 | 6.954 | | |
| 13,200.00 | 6,840.00 | 6,710.00 | 6,710.00 | 197.87 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,156.26 | 1,842.30 | 313.96 | 6.868 | | |
| 13,300.00 | 6,840.00 | 6,710.00 | 6,710.00 | 200.53 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,152.50 | 1,836.27 | 316.23 | 6.807 | | |
| 13,330.92 | 6,840.00 | 6,710.00 | 6,710.00 | 201.36 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,152.28 | 1,835.43 | 316.85 | 6.793 CC | | |
| 13,400.00 | 6,840.00 | 6,710.00 | 6,710.00 | 203.20 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,153.39 | 1,835.30 | 318.09 | 6.770 ES | | |
| 13,500.00 | 6,840.00 | 6,710.00 | 6,710.00 | 205.87 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,158.91 | 1,839.39 | 319.52 | 6.757 SF | | |
| 13,600.00 | 6,840.00 | 6,710.00 | 6,710.00 | 208.54 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,169.03 | 1,848.51 | 320.53 | 6.767 | | |
| 13,700.00 | 6,840.00 | 6,710.00 | 6,710.00 | 211.22 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,183.69 | 1,862.59 | 321.11 | 6.801 | | |
| 13,800.00 | 6,840.00 | 6,710.00 | 6,710.00 | 213.89 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,202.80 | 1,881.52 | 321.28 | 6.856 | | |
| 13,900.00 | 6,840.00 | 6,710.00 | 6,710.00 | 216.56 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,226.24 | 1,905.18 | 321.06 | 6.934 | | |
| 14,000.00 | 6,840.00 | 6,710.00 | 6,710.00 | 219.24 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,253.88 | 1,933.41 | 320.47 | 7.033 | | |
| 14,100.00 | 6,840.00 | 6,710.00 | 6,710.00 | 221.92 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,285.56 | 1,966.01 | 319.55 | 7.152 | | |
| 14,200.00 | 6,840.00 | 6,710.00 | 6,710.00 | 224.59 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,321.12 | 2,002.79 | 318.33 | 7.292 | | |
| 14,300.00 | 6,840.00 | 6,710.00 | 6,710.00 | 227.27 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,360.38 | 2,043.55 | 316.84 | 7.450 | | |
| 14,400.00 | 6,840.00 | 6,710.00 | 6,710.00 | 229.95 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,403.17 | 2,088.06 | 315.11 | 7.626 | | |
| 14,500.00 | 6,840.00 | 6,710.00 | 6,710.00 | 232.63 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,449.29 | 2,136.10 | 313.19 | 7.820 | | |
| 14,600.00 | 6,840.00 | 6,710.00 | 6,710.00 | 235.31 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,498.57 | 2,187.47 | 311.10 | 8.031 | | |
| 14,700.00 | 6,840.00 | 6,710.00 | 6,710.00 | 238.00 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,550.82 | 2,241.94 | 308.88 | 8.258 | | |
| 14,800.00 | 6,840.00 | 6,710.00 | 6,710.00 | 240.68 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,605.86 | 2,299.31 | 306.55 | 8.501 | | |
| 14,900.00 | 6,840.00 | 6,710.00 | 6,710.00 | 243.36 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,663.51 | 2,359.37 | 304.14 | 8.758 | | |
| 15,000.00 | 6,840.00 | 6,710.00 | 6,710.00 | 246.05 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,723.62 | 2,421.95 | 301.67 | 9.028 | | |
| 15,100.00 | 6,840.00 | 6,710.00 | 6,710.00 | 248.74 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,786.02 | 2,486.86 | 299.17 | 9.313 | | |
| 15,200.00 | 6,840.00 | 6,710.00 | 6,710.00 | 251.42 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,850.57 | 2,553.92 | 296.65 | 9.609 | | |
| 15,300.00 | 6,840.00 | 6,710.00 | 6,710.00 | 254.11 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,917.12 | 2,622.99 | 294.12 | 9.918 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER R G 26-6 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INCL-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,400.00 | 6,840.00 | 6,710.00 | 6,710.00 | 256.80 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 2,985.53 | 2,693.92 | 291.61 | 10.238 | | |
| 15,500.00 | 6,840.00 | 6,710.00 | 6,710.00 | 259.49 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,055.68 | 2,766.57 | 289.12 | 10.569 | | |
| 15,600.00 | 6,840.00 | 6,710.00 | 6,710.00 | 262.17 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,127.46 | 2,840.81 | 286.65 | 10.910 | | |
| 15,700.00 | 6,840.00 | 6,710.00 | 6,710.00 | 264.86 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,200.75 | 2,916.53 | 284.23 | 11.261 | | |
| 15,800.00 | 6,840.00 | 6,710.00 | 6,710.00 | 267.55 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,275.46 | 2,993.62 | 281.84 | 11.622 | | |
| 15,900.00 | 6,840.00 | 6,710.00 | 6,710.00 | 270.25 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,351.49 | 3,071.98 | 279.51 | 11.991 | | |
| 16,000.00 | 6,840.00 | 6,710.00 | 6,710.00 | 272.94 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,428.74 | 3,151.52 | 277.23 | 12.368 | | |
| 16,100.00 | 6,840.00 | 6,710.00 | 6,710.00 | 275.63 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,507.15 | 3,232.15 | 275.00 | 12.753 | | |
| 16,200.00 | 6,840.00 | 6,710.00 | 6,710.00 | 278.32 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,586.63 | 3,313.80 | 272.82 | 13.146 | | |
| 16,300.00 | 6,840.00 | 6,710.00 | 6,710.00 | 281.02 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,667.11 | 3,396.40 | 270.71 | 13.546 | | |
| 16,400.00 | 6,840.00 | 6,710.00 | 6,710.00 | 283.71 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,748.54 | 3,479.89 | 268.65 | 13.953 | | |
| 16,500.00 | 6,840.00 | 6,710.00 | 6,710.00 | 286.40 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,830.84 | 3,564.19 | 266.65 | 14.366 | | |
| 16,600.00 | 6,840.00 | 6,710.00 | 6,710.00 | 289.10 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,913.97 | 3,649.26 | 264.71 | 14.786 | | |
| 16,700.00 | 6,840.00 | 6,710.00 | 6,710.00 | 291.79 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 3,997.87 | 3,735.05 | 262.82 | 15.211 | | |
| 16,800.00 | 6,840.00 | 6,710.00 | 6,710.00 | 294.49 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,082.50 | 3,821.50 | 261.00 | 15.642 | | |
| 16,900.00 | 6,840.00 | 6,710.00 | 6,710.00 | 297.19 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,167.81 | 3,908.58 | 259.22 | 16.078 | | |
| 17,000.00 | 6,840.00 | 6,710.00 | 6,710.00 | 299.88 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,253.75 | 3,996.25 | 257.50 | 16.519 | | |
| 17,100.00 | 6,840.00 | 6,710.00 | 6,710.00 | 302.58 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,340.30 | 4,084.47 | 255.84 | 16.965 | | |
| 17,200.00 | 6,840.00 | 6,710.00 | 6,710.00 | 305.28 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,427.42 | 4,173.20 | 254.22 | 17.415 | | |
| 17,300.00 | 6,840.00 | 6,710.00 | 6,710.00 | 307.97 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,515.07 | 4,262.41 | 252.66 | 17.870 | | |
| 17,400.00 | 6,840.00 | 6,710.00 | 6,710.00 | 310.67 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,603.23 | 4,352.08 | 251.14 | 18.329 | | |
| 17,500.00 | 6,840.00 | 6,710.00 | 6,710.00 | 313.37 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,691.86 | 4,442.18 | 249.68 | 18.792 | | |
| 17,600.00 | 6,840.00 | 6,710.00 | 6,710.00 | 316.07 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,780.93 | 4,532.68 | 248.26 | 19.258 | | |
| 17,700.00 | 6,840.00 | 6,710.00 | 6,710.00 | 318.77 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,870.43 | 4,623.56 | 246.88 | 19.728 | | |
| 17,800.00 | 6,840.00 | 6,710.00 | 6,710.00 | 321.47 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 4,960.34 | 4,714.80 | 245.54 | 20.202 | | |
| 17,900.00 | 6,840.00 | 6,710.00 | 6,710.00 | 324.17 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,050.62 | 4,806.37 | 244.25 | 20.678 | | |
| 18,000.00 | 6,840.00 | 6,710.00 | 6,710.00 | 326.87 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,141.26 | 4,898.27 | 243.00 | 21.158 | | |
| 18,100.00 | 6,840.00 | 6,710.00 | 6,710.00 | 329.57 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,232.25 | 4,990.46 | 241.78 | 21.640 | | |
| 18,200.00 | 6,840.00 | 6,710.00 | 6,710.00 | 332.27 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,323.55 | 5,082.95 | 240.60 | 22.126 | | |
| 18,300.00 | 6,840.00 | 6,710.00 | 6,710.00 | 334.97 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,415.17 | 5,175.70 | 239.46 | 22.614 | | |
| 18,400.00 | 6,840.00 | 6,710.00 | 6,710.00 | 337.67 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,507.07 | 5,268.72 | 238.36 | 23.104 | | |
| 18,500.00 | 6,840.00 | 6,710.00 | 6,710.00 | 340.38 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,599.26 | 5,361.97 | 237.28 | 23.597 | | |
| 18,600.00 | 6,840.00 | 6,710.00 | 6,710.00 | 343.08 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,691.70 | 5,455.46 | 236.24 | 24.093 | | |
| 18,700.00 | 6,840.00 | 6,710.00 | 6,710.00 | 345.78 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,784.40 | 5,549.17 | 235.23 | 24.590 | | |
| 18,800.00 | 6,840.00 | 6,710.00 | 6,710.00 | 348.48 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,877.34 | 5,643.08 | 234.25 | 25.090 | | |
| 18,900.00 | 6,840.00 | 6,710.00 | 6,710.00 | 351.19 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 5,970.50 | 5,737.20 | 233.30 | 25.591 | | |
| 19,000.00 | 6,840.00 | 6,710.00 | 6,710.00 | 353.89 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 6,063.89 | 5,831.51 | 232.38 | 26.095 | | |
| 19,100.00 | 6,840.00 | 6,710.00 | 6,710.00 | 356.59 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 6,157.48 | 5,925.99 | 231.48 | 26.600 | | |
| 19,200.00 | 6,840.00 | 6,710.00 | 6,710.00 | 359.30 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 6,251.27 | 6,020.65 | 230.62 | 27.107 | | |
| 19,300.00 | 6,840.00 | 6,710.00 | 6,710.00 | 362.00 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 6,345.25 | 6,115.48 | 229.77 | 27.616 | | |
| 19,400.00 | 6,840.00 | 6,710.00 | 6,710.00 | 364.71 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 6,439.41 | 6,210.46 | 228.95 | 28.126 | | |
| 19,500.00 | 6,840.00 | 6,710.00 | 6,710.00 | 367.41 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 6,533.74 | 6,305.59 | 228.15 | 28.637 | | |
| 19,600.00 | 6,840.00 | 6,710.00 | 6,710.00 | 370.11 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 6,628.24 | 6,400.87 | 227.38 | 29.151 | | |
| 19,700.00 | 6,840.00 | 6,710.00 | 6,710.00 | 372.82 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 6,722.90 | 6,496.28 | 226.63 | 29.665 | | |
| 19,800.00 | 6,840.00 | 6,710.00 | 6,710.00 | 375.53 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 6,817.72 | 6,591.82 | 225.90 | 30.181 | | |
| 19,900.00 | 6,840.00 | 6,710.00 | 6,710.00 | 378.23 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 6,912.68 | 6,687.49 | 225.18 | 30.698 | | |
| 20,000.00 | 6,840.00 | 6,710.00 | 6,710.00 | 380.94 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 7,007.77 | 6,783.28 | 224.49 | 31.216 | | |
| 20,100.00 | 6,840.00 | 6,710.00 | 6,710.00 | 383.64 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 7,103.01 | 6,879.19 | 223.82 | 31.735 | | |
| 20,200.00 | 6,840.00 | 6,710.00 | 6,710.00 | 386.35 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 7,198.37 | 6,975.20 | 223.17 | 32.256 | | |
| 20,300.00 | 6,840.00 | 6,710.00 | 6,710.00 | 389.05 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 7,293.86 | 7,071.33 | 222.53 | 32.777 | | |
| 20,400.00 | 6,840.00 | 6,710.00 | 6,710.00 | 391.76 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 7,389.46 | 7,167.55 | 221.91 | 33.299 | | |
| 20,442.82 | 6,840.00 | 6,710.00 | 6,710.00 | 392.92 | 116.13 | 90.00 | 1,182.80 | -8,227.82 | 7,430.43 | 7,208.78 | 221.65 | 33.523 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT SHELTON G 26-17D GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -72.96 | 1,936.35 | -6,319.31 | 6,610.43 | | | | | |
| 100.00 | 100.00 | 0.00 | 0.00 | 0.13 | 0.00 | -72.96 | 1,936.35 | -6,319.31 | 6,609.35 | 6,609.22 | 0.13 | N/A | | |
| 143.02 | 143.02 | 22.25 | 22.25 | 0.29 | 0.02 | -72.96 | 1,936.35 | -6,319.31 | 6,609.32 | 6,609.01 | 0.31 | N/A | | |
| 200.00 | 200.00 | 79.85 | 79.85 | 0.49 | 0.07 | -72.96 | 1,936.41 | -6,319.28 | 6,609.31 | 6,608.75 | 0.57 | N/A | | |
| 300.00 | 300.00 | 192.97 | 192.97 | 0.85 | 0.22 | -72.96 | 1,936.69 | -6,319.08 | 6,609.22 | 6,608.15 | 1.07 | 6,193.019 | | |
| 400.00 | 400.00 | 293.67 | 293.67 | 1.21 | 0.31 | -72.96 | 1,937.03 | -6,318.74 | 6,609.00 | 6,607.48 | 1.51 | 4,368.066 | | |
| 500.00 | 500.00 | 391.38 | 391.38 | 1.57 | 0.38 | -72.95 | 1,937.23 | -6,318.47 | 6,608.79 | 6,606.85 | 1.94 | 3,415.351 | | |
| 600.00 | 599.98 | 561.06 | 561.05 | 1.92 | 0.48 | 42.89 | 1,937.45 | -6,316.93 | 6,606.60 | 6,604.22 | 2.38 | 2,776.718 | | |
| 700.00 | 699.84 | 665.20 | 665.18 | 2.26 | 0.54 | 43.00 | 1,937.43 | -6,315.53 | 6,601.47 | 6,598.70 | 2.78 | 2,377.511 | | |
| 800.00 | 799.45 | 768.18 | 768.15 | 2.62 | 0.59 | 43.16 | 1,937.46 | -6,314.09 | 6,593.77 | 6,590.59 | 3.18 | 2,073.829 | | |
| 900.00 | 898.70 | 866.00 | 865.96 | 2.99 | 0.63 | 43.38 | 1,937.29 | -6,312.74 | 6,583.50 | 6,579.91 | 3.59 | 1,834.557 | | |
| 1,000.00 | 997.47 | 962.64 | 962.59 | 3.39 | 0.67 | 43.65 | 1,937.14 | -6,311.46 | 6,570.77 | 6,566.76 | 4.01 | 1,639.282 | | |
| 1,100.00 | 1,095.62 | 1,050.08 | 1,050.03 | 3.81 | 0.71 | 43.96 | 1,936.80 | -6,310.40 | 6,555.62 | 6,551.18 | 4.44 | 1,476.911 | | |
| 1,200.00 | 1,193.06 | 1,141.29 | 1,141.23 | 4.27 | 0.75 | 44.33 | 1,936.63 | -6,309.45 | 6,538.22 | 6,533.34 | 4.89 | 1,337.246 | | |
| 1,300.00 | 1,289.64 | 1,233.21 | 1,233.14 | 4.77 | 0.79 | 44.77 | 1,936.30 | -6,308.51 | 6,518.38 | 6,513.02 | 5.36 | 1,215.611 | | |
| 1,400.00 | 1,385.27 | 1,307.78 | 1,307.71 | 5.31 | 0.82 | 45.22 | 1,936.04 | -6,307.95 | 6,496.44 | 6,490.58 | 5.85 | 1,109.736 | | |
| 1,500.00 | 1,479.82 | 1,402.85 | 1,402.78 | 5.91 | 0.85 | 45.78 | 1,935.90 | -6,307.33 | 6,472.30 | 6,465.92 | 6.38 | 1,014.231 | | |
| 1,600.00 | 1,573.19 | 1,481.43 | 1,481.36 | 6.55 | 0.88 | 46.28 | 1,935.82 | -6,306.89 | 6,446.05 | 6,439.11 | 6.94 | 929.347 | | |
| 1,700.00 | 1,666.16 | 1,567.80 | 1,567.73 | 7.23 | 0.91 | 46.49 | 1,935.68 | -6,306.58 | 6,419.29 | 6,411.78 | 7.51 | 854.881 | | |
| 1,800.00 | 1,759.13 | 1,670.74 | 1,670.67 | 7.93 | 0.95 | 46.75 | 1,935.71 | -6,306.14 | 6,392.64 | 6,384.54 | 8.10 | 788.886 | | |
| 1,900.00 | 1,852.10 | 1,751.01 | 1,750.93 | 8.64 | 0.98 | 46.95 | 1,935.82 | -6,305.69 | 6,366.02 | 6,357.32 | 8.70 | 731.929 | | |
| 2,000.00 | 1,945.06 | 1,821.80 | 1,821.73 | 9.35 | 1.00 | 47.14 | 1,936.25 | -6,305.45 | 6,339.82 | 6,330.52 | 9.30 | 681.929 | | |
| 2,100.00 | 2,038.03 | 1,896.15 | 1,896.07 | 10.08 | 1.02 | 47.33 | 1,937.23 | -6,305.25 | 6,314.02 | 6,304.12 | 9.90 | 637.476 | | |
| 2,200.00 | 2,131.00 | 1,976.01 | 1,975.91 | 10.81 | 1.04 | 47.55 | 1,938.58 | -6,305.14 | 6,288.58 | 6,278.06 | 10.52 | 597.821 | | |
| 2,300.00 | 2,223.97 | 2,042.22 | 2,042.12 | 11.54 | 1.05 | 47.73 | 1,939.64 | -6,305.26 | 6,263.51 | 6,252.38 | 11.14 | 562.354 | | |
| 2,400.00 | 2,316.94 | 2,104.07 | 2,103.96 | 12.28 | 1.06 | 47.89 | 1,940.63 | -6,305.71 | 6,239.04 | 6,227.28 | 11.76 | 530.426 | | |
| 2,500.00 | 2,409.90 | 2,197.74 | 2,197.61 | 13.02 | 1.08 | 48.15 | 1,941.89 | -6,306.71 | 6,214.90 | 6,202.51 | 12.39 | 501.593 | | |
| 2,600.00 | 2,502.87 | 2,311.71 | 2,311.57 | 13.77 | 1.09 | 48.44 | 1,942.50 | -6,308.07 | 6,190.73 | 6,177.71 | 13.02 | 475.492 | | |
| 2,700.00 | 2,595.84 | 2,368.80 | 2,368.66 | 14.51 | 1.09 | 48.59 | 1,942.50 | -6,309.00 | 6,166.83 | 6,153.17 | 13.66 | 451.411 | | |
| 2,800.00 | 2,688.81 | 2,439.22 | 2,439.06 | 15.26 | 1.10 | 48.77 | 1,942.41 | -6,310.50 | 6,143.47 | 6,129.17 | 14.31 | 429.403 | | |
| 2,900.00 | 2,781.77 | 2,517.43 | 2,517.24 | 16.01 | 1.10 | 48.97 | 1,942.40 | -6,312.37 | 6,120.50 | 6,105.54 | 14.96 | 409.186 | | |
| 3,000.00 | 2,874.74 | 2,595.96 | 2,595.74 | 16.76 | 1.11 | 49.18 | 1,942.21 | -6,314.53 | 6,097.87 | 6,082.26 | 15.61 | 390.555 | | |
| 3,100.00 | 2,967.71 | 2,680.19 | 2,680.94 | 17.52 | 1.12 | 49.42 | 1,942.08 | -6,317.22 | 6,075.48 | 6,059.20 | 16.27 | 373.352 | | |
| 3,200.00 | 3,060.68 | 2,811.51 | 2,811.22 | 18.27 | 1.13 | 49.74 | 1,942.61 | -6,320.10 | 6,052.99 | 6,036.06 | 16.94 | 357.419 | | |
| 3,300.00 | 3,153.65 | 3,048.64 | 3,048.32 | 19.03 | 1.15 | 50.39 | 1,942.26 | -6,323.00 | 6,029.63 | 6,012.04 | 17.59 | 342.875 | | |
| 3,400.00 | 3,246.61 | 3,173.18 | 3,172.86 | 19.78 | 1.17 | 50.74 | 1,942.22 | -6,322.28 | 6,004.65 | 5,986.40 | 18.26 | 328.872 | | |
| 3,500.00 | 3,339.58 | 3,266.73 | 3,266.41 | 20.54 | 1.20 | 51.00 | 1,942.29 | -6,321.40 | 5,979.55 | 5,960.61 | 18.94 | 315.648 | | |
| 3,600.00 | 3,432.55 | 3,346.24 | 3,345.92 | 21.30 | 1.21 | 51.23 | 1,942.13 | -6,320.85 | 5,954.70 | 5,935.07 | 19.63 | 303.353 | | |
| 3,700.00 | 3,525.52 | 3,421.66 | 3,421.33 | 22.06 | 1.22 | 51.44 | 1,941.56 | -6,320.74 | 5,930.23 | 5,909.91 | 20.32 | 291.882 | | |
| 3,800.00 | 3,618.49 | 3,497.25 | 3,496.92 | 22.82 | 1.23 | 51.65 | 1,940.79 | -6,320.97 | 5,906.17 | 5,885.16 | 21.01 | 281.109 | | |
| 3,900.00 | 3,711.45 | 3,569.54 | 3,569.20 | 23.57 | 1.24 | 51.85 | 1,939.99 | -6,321.47 | 5,882.53 | 5,860.82 | 21.71 | 271.012 | | |
| 4,000.00 | 3,804.42 | 3,672.09 | 3,671.75 | 24.33 | 1.25 | 52.14 | 1,939.08 | -6,322.30 | 5,859.21 | 5,836.82 | 22.40 | 261.603 | | |
| 4,100.00 | 3,897.39 | 3,764.46 | 3,764.11 | 25.09 | 1.26 | 52.41 | 1,939.03 | -6,322.47 | 5,835.80 | 5,812.71 | 23.09 | 252.696 | | |
| 4,200.00 | 3,990.36 | 3,841.12 | 3,840.78 | 25.86 | 1.26 | 52.63 | 1,939.03 | -6,322.74 | 5,812.70 | 5,788.90 | 23.80 | 244.249 | | |
| 4,300.00 | 4,083.32 | 3,900.00 | 3,899.65 | 26.62 | 1.27 | 52.81 | 1,938.93 | -6,323.20 | 5,790.08 | 5,765.57 | 24.51 | 236.235 | | |
| 4,400.00 | 4,176.29 | 3,958.19 | 3,957.83 | 27.38 | 1.28 | 52.98 | 1,938.86 | -6,324.04 | 5,768.15 | 5,742.93 | 25.23 | 228.665 | | |
| 4,500.00 | 4,269.26 | 4,000.00 | 3,999.64 | 28.14 | 1.28 | 53.10 | 1,938.88 | -6,324.96 | 5,747.11 | 5,721.16 | 25.95 | 221.493 | | |
| 4,600.00 | 4,362.23 | 4,060.31 | 4,059.91 | 28.90 | 1.29 | 53.27 | 1,938.99 | -6,326.75 | 5,726.87 | 5,700.20 | 26.67 | 214.739 | | |
| 4,700.00 | 4,455.20 | 4,114.66 | 4,114.23 | 29.66 | 1.30 | 53.43 | 1,939.13 | -6,328.82 | 5,707.45 | 5,680.06 | 27.39 | 208.345 | | |
| 4,800.00 | 4,548.16 | 4,174.94 | 4,174.45 | 30.43 | 1.31 | 53.60 | 1,939.42 | -6,331.47 | 5,688.77 | 5,660.65 | 28.12 | 202.290 | | |
| 4,900.00 | 4,641.13 | 4,240.34 | 4,239.77 | 31.19 | 1.32 | 53.79 | 1,940.02 | -6,334.62 | 5,670.76 | 5,641.91 | 28.85 | 196.546 | | |
| 5,000.00 | 4,734.10 | 4,327.13 | 4,326.44 | 31.95 | 1.33 | 54.05 | 1,941.57 | -6,338.85 | 5,653.31 | 5,623.72 | 29.58 | 191.093 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT SHELTON G 26-17D GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,445.99 | 4,445.16 | 32.71 | 1.35 | 54.40 | 1,942.55 | -6,344.55 | 5,635.47 | 5,605.15 | 30.31 | 185.900 | | |
| 5,200.00 | 4,920.04 | 4,756.15 | 4,755.12 | 33.48 | 1.39 | 55.33 | 1,943.16 | -6,354.53 | 5,616.75 | 5,585.74 | 31.01 | 181.134 | | |
| 5,300.00 | 5,013.00 | 4,937.35 | 4,936.23 | 34.24 | 1.42 | 55.86 | 1,938.51 | -6,357.10 | 5,595.01 | 5,563.29 | 31.72 | 176.413 | | |
| 5,400.00 | 5,105.97 | 5,040.82 | 5,039.68 | 35.00 | 1.44 | 56.17 | 1,936.29 | -6,357.18 | 5,572.41 | 5,539.96 | 32.45 | 171.717 | | |
| 5,500.00 | 5,198.94 | 5,128.47 | 5,127.32 | 35.77 | 1.45 | 56.44 | 1,934.87 | -6,357.01 | 5,549.99 | 5,516.79 | 33.20 | 167.184 | | |
| 5,600.00 | 5,291.91 | 5,216.96 | 5,215.80 | 36.53 | 1.47 | 56.72 | 1,933.53 | -6,356.90 | 5,527.80 | 5,493.85 | 33.95 | 162.842 | | |
| 5,700.00 | 5,384.87 | 5,309.46 | 5,308.29 | 37.29 | 1.48 | 57.01 | 1,932.16 | -6,356.78 | 5,505.79 | 5,471.09 | 34.70 | 158.683 | | |
| 5,800.00 | 5,477.84 | 5,388.42 | 5,387.24 | 38.06 | 1.50 | 57.26 | 1,931.13 | -6,356.75 | 5,484.07 | 5,448.61 | 35.46 | 154.671 | | |
| 5,900.00 | 5,570.81 | 5,469.39 | 5,468.21 | 38.82 | 1.51 | 57.53 | 1,930.26 | -6,356.83 | 5,462.73 | 5,426.51 | 36.22 | 150.826 | | |
| 6,000.00 | 5,663.78 | 5,591.96 | 5,590.77 | 39.59 | 1.53 | 57.92 | 1,928.82 | -6,356.95 | 5,441.54 | 5,404.57 | 36.97 | 147.193 | | |
| 6,100.00 | 5,756.75 | 5,671.52 | 5,670.32 | 40.35 | 1.55 | 58.18 | 1,927.72 | -6,356.85 | 5,420.20 | 5,382.47 | 37.74 | 143.627 | | |
| 6,200.00 | 5,849.71 | 6,200.00 | 5,782.77 | 41.12 | 1.63 | 58.56 | 1,926.86 | -6,356.19 | 5,398.93 | 5,360.38 | 38.55 | 140.034 | | |
| 6,300.00 | 5,942.68 | 5,915.11 | 5,913.89 | 41.88 | 1.59 | 59.01 | 1,925.77 | -6,354.54 | 5,377.22 | 5,337.96 | 39.26 | 136.966 | | |
| 6,400.00 | 6,035.65 | 6,039.73 | 6,038.48 | 42.64 | 1.61 | 59.44 | 1,924.81 | -6,352.18 | 5,355.26 | 5,315.24 | 40.03 | 133.797 | | |
| 6,500.00 | 6,128.62 | 6,134.72 | 6,133.44 | 43.41 | 1.62 | 59.79 | 1,924.36 | -6,349.72 | 5,333.09 | 5,292.29 | 40.81 | 130.685 | | |
| 6,600.00 | 6,221.59 | 6,204.75 | 6,203.46 | 44.17 | 1.63 | 60.04 | 1,924.13 | -6,348.10 | 5,311.40 | 5,269.79 | 41.61 | 127.661 | | |
| 6,700.00 | 6,314.55 | 6,278.65 | 6,277.33 | 44.94 | 1.64 | 60.31 | 1,924.10 | -6,346.58 | 5,290.24 | 5,247.84 | 42.40 | 124.759 | | |
| 6,800.00 | 6,407.52 | 6,354.17 | 6,352.84 | 45.70 | 1.65 | 60.59 | 1,924.35 | -6,345.15 | 5,269.59 | 5,226.39 | 43.20 | 121.967 | | |
| 6,900.00 | 6,499.98 | 6,434.04 | 6,432.70 | 46.49 | 1.66 | 60.86 | 1,924.68 | -6,343.88 | 5,248.22 | 5,204.20 | 44.02 | 119.214 | | |
| 7,000.00 | 6,586.50 | 6,512.50 | 6,511.16 | 47.49 | 1.68 | 61.13 | 1,925.00 | -6,342.76 | 5,215.74 | 5,170.74 | 44.99 | 115.926 | | |
| 7,100.00 | 6,663.58 | 6,574.68 | 6,573.32 | 48.75 | 1.68 | 61.40 | 1,925.29 | -6,342.01 | 5,170.81 | 5,124.69 | 46.12 | 112.106 | | |
| 7,200.00 | 6,728.87 | 6,632.64 | 6,631.28 | 50.23 | 1.69 | 61.67 | 1,925.60 | -6,341.45 | 5,114.94 | 5,067.55 | 47.39 | 107.933 | | |
| 7,300.00 | 6,780.38 | 6,682.01 | 6,680.65 | 51.91 | 1.70 | 61.94 | 1,925.89 | -6,340.99 | 5,049.81 | 5,001.05 | 48.76 | 103.569 | | |
| 7,400.00 | 6,816.56 | 6,719.16 | 6,717.79 | 53.74 | 1.70 | 62.21 | 1,926.11 | -6,340.64 | 4,977.50 | 4,927.31 | 50.19 | 99.169 | | |
| 7,500.00 | 6,836.29 | 6,740.71 | 6,739.35 | 55.65 | 1.71 | 62.48 | 1,926.19 | -6,340.45 | 4,900.26 | 4,848.61 | 51.65 | 94.873 | | |
| 7,600.00 | 6,840.00 | 6,743.99 | 6,742.63 | 57.58 | 1.71 | 62.75 | 1,926.20 | -6,340.42 | 4,820.57 | 4,767.47 | 53.10 | 90.785 | | |
| 7,700.00 | 6,840.00 | 6,743.03 | 6,741.66 | 59.56 | 1.71 | 63.02 | 1,926.20 | -6,340.43 | 4,741.15 | 4,686.55 | 54.60 | 86.840 | | |
| 7,800.00 | 6,840.00 | 6,742.06 | 6,740.69 | 61.60 | 1.71 | 63.29 | 1,926.20 | -6,340.44 | 4,662.51 | 4,606.34 | 56.17 | 83.007 | | |
| 7,900.00 | 6,840.00 | 6,741.08 | 6,739.72 | 63.69 | 1.71 | 63.56 | 1,926.19 | -6,340.45 | 4,584.71 | 4,526.89 | 57.82 | 79.291 | | |
| 8,000.00 | 6,840.00 | 6,740.10 | 6,738.74 | 65.82 | 1.71 | 63.83 | 1,926.19 | -6,340.46 | 4,507.79 | 4,448.24 | 59.55 | 75.696 | | |
| 8,100.00 | 6,840.00 | 6,739.12 | 6,737.75 | 67.99 | 1.71 | 64.10 | 1,926.19 | -6,340.47 | 4,431.79 | 4,370.43 | 61.36 | 72.225 | | |
| 8,200.00 | 6,840.00 | 6,738.13 | 6,736.76 | 70.21 | 1.71 | 64.37 | 1,926.18 | -6,340.47 | 4,356.76 | 4,293.51 | 63.25 | 68.880 | | |
| 8,300.00 | 6,840.00 | 6,737.13 | 6,735.77 | 72.45 | 1.71 | 64.64 | 1,926.18 | -6,340.48 | 4,282.74 | 4,217.52 | 65.22 | 65.662 | | |
| 8,400.00 | 6,840.00 | 6,736.13 | 6,734.76 | 74.73 | 1.71 | 64.91 | 1,926.18 | -6,340.49 | 4,209.81 | 4,142.53 | 67.28 | 62.573 | | |
| 8,500.00 | 6,840.00 | 6,735.12 | 6,733.76 | 77.04 | 1.71 | 65.18 | 1,926.17 | -6,340.50 | 4,138.00 | 4,068.58 | 69.42 | 59.611 | | |
| 8,600.00 | 6,840.00 | 6,734.11 | 6,732.74 | 79.38 | 1.71 | 65.45 | 1,926.17 | -6,340.51 | 4,067.38 | 3,995.75 | 71.64 | 56.778 | | |
| 8,700.00 | 6,840.00 | 6,733.09 | 6,731.72 | 81.74 | 1.71 | 65.72 | 1,926.17 | -6,340.52 | 3,998.02 | 3,924.08 | 73.94 | 54.070 | | |
| 8,800.00 | 6,840.00 | 6,732.06 | 6,730.70 | 84.12 | 1.71 | 66.00 | 1,926.16 | -6,340.53 | 3,929.98 | 3,853.65 | 76.33 | 51.488 | | |
| 8,900.00 | 6,840.00 | 6,731.03 | 6,729.67 | 86.52 | 1.71 | 66.27 | 1,926.16 | -6,340.54 | 3,863.33 | 3,784.53 | 78.80 | 49.029 | | |
| 9,000.00 | 6,840.00 | 6,729.99 | 6,728.63 | 88.94 | 1.71 | 66.54 | 1,926.15 | -6,340.54 | 3,798.14 | 3,716.79 | 81.35 | 46.690 | | |
| 9,100.00 | 6,840.00 | 6,728.95 | 6,727.59 | 91.38 | 1.71 | 66.81 | 1,926.15 | -6,340.55 | 3,734.49 | 3,650.51 | 83.98 | 44.470 | | |
| 9,200.00 | 6,840.00 | 6,727.90 | 6,726.54 | 93.83 | 1.71 | 67.08 | 1,926.15 | -6,340.56 | 3,672.46 | 3,585.77 | 86.69 | 42.365 | | |
| 9,300.00 | 6,840.00 | 6,726.85 | 6,725.49 | 96.30 | 1.70 | 67.35 | 1,926.14 | -6,340.57 | 3,612.13 | 3,522.67 | 89.47 | 40.374 | | |
| 9,400.00 | 6,840.00 | 6,725.79 | 6,724.42 | 98.79 | 1.70 | 67.62 | 1,926.14 | -6,340.58 | 3,553.60 | 3,461.28 | 92.32 | 38.492 | | |
| 9,500.00 | 6,840.00 | 6,724.72 | 6,723.36 | 101.28 | 1.70 | 67.89 | 1,926.13 | -6,340.59 | 3,496.94 | 3,401.70 | 95.24 | 36.717 | | |
| 9,600.00 | 6,840.00 | 6,723.65 | 6,722.28 | 103.79 | 1.70 | 68.16 | 1,926.13 | -6,340.60 | 3,442.26 | 3,344.04 | 98.22 | 35.045 | | |
| 9,700.00 | 6,840.00 | 6,722.57 | 6,721.21 | 106.30 | 1.70 | 68.43 | 1,926.12 | -6,340.61 | 3,389.65 | 3,288.38 | 101.26 | 33.474 | | |
| 9,800.00 | 6,840.00 | 6,721.48 | 6,720.12 | 108.83 | 1.70 | 68.70 | 1,926.12 | -6,340.62 | 3,339.20 | 3,234.85 | 104.35 | 32.000 | | |
| 9,900.00 | 6,840.00 | 6,720.39 | 6,719.03 | 111.37 | 1.70 | 68.97 | 1,926.11 | -6,340.63 | 3,291.01 | 3,183.54 | 107.48 | 30.621 | | |
| 10,000.00 | 6,840.00 | 6,719.29 | 6,717.93 | 113.91 | 1.70 | 69.24 | 1,926.11 | -6,340.64 | 3,245.20 | 3,134.56 | 110.64 | 29.332 | | |
| 10,100.00 | 6,840.00 | 6,718.19 | 6,716.82 | 116.47 | 1.70 | 69.51 | 1,926.10 | -6,340.65 | 3,201.85 | 3,088.03 | 113.82 | 28.131 | | |
| 10,200.00 | 6,840.00 | 6,717.07 | 6,715.71 | 119.03 | 1.70 | 69.78 | 1,926.10 | -6,340.66 | 3,161.07 | 3,044.06 | 117.01 | 27.015 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT SHELTON G 26-17D GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,715.96 | 6,714.59 | 121.59 | 1.70 | 89.91 | 1,926.09 | -6,340.67 | 3,122.97 | 3,002.76 | 120.20 | 25.980 | | |
| 10,400.00 | 6,840.00 | 6,714.83 | 6,713.47 | 124.17 | 1.70 | 89.89 | 1,926.09 | -6,340.68 | 3,087.63 | 2,964.25 | 123.38 | 25.025 | | |
| 10,500.00 | 6,840.00 | 6,713.70 | 6,712.34 | 126.75 | 1.70 | 89.87 | 1,926.08 | -6,340.69 | 3,055.16 | 2,928.62 | 126.53 | 24.145 | | |
| 10,600.00 | 6,840.00 | 6,712.56 | 6,711.20 | 129.34 | 1.70 | 89.85 | 1,926.07 | -6,340.70 | 3,025.64 | 2,896.00 | 129.64 | 23.338 | | |
| 10,700.00 | 6,840.00 | 6,711.42 | 6,710.06 | 131.93 | 1.70 | 89.82 | 1,926.07 | -6,340.71 | 2,999.17 | 2,866.48 | 132.69 | 22.602 | | |
| 10,800.00 | 6,840.00 | 6,710.27 | 6,708.90 | 134.53 | 1.70 | 89.80 | 1,926.06 | -6,340.72 | 2,975.83 | 2,840.15 | 135.67 | 21.934 | | |
| 10,900.00 | 6,840.00 | 6,709.11 | 6,707.74 | 137.13 | 1.70 | 89.78 | 1,926.05 | -6,340.73 | 2,955.69 | 2,817.12 | 138.57 | 21.331 | | |
| 11,000.00 | 6,840.00 | 6,707.94 | 6,706.58 | 139.73 | 1.70 | 89.75 | 1,926.05 | -6,340.74 | 2,938.81 | 2,797.45 | 141.36 | 20.790 | | |
| 11,100.00 | 6,840.00 | 6,706.77 | 6,705.41 | 142.35 | 1.70 | 89.73 | 1,926.04 | -6,340.75 | 2,925.25 | 2,781.22 | 144.03 | 20.310 | | |
| 11,200.00 | 6,840.00 | 6,705.59 | 6,704.23 | 144.96 | 1.70 | 89.71 | 1,926.03 | -6,340.76 | 2,915.07 | 2,768.50 | 146.57 | 19.888 | | |
| 11,300.00 | 6,840.00 | 6,704.40 | 6,703.04 | 147.58 | 1.70 | 89.69 | 1,926.03 | -6,340.78 | 2,908.29 | 2,759.31 | 148.97 | 19.522 | | |
| 11,400.00 | 6,840.00 | 6,703.21 | 6,701.84 | 150.20 | 1.70 | 89.66 | 1,926.02 | -6,340.79 | 2,904.93 | 2,753.71 | 151.22 | 19.210 | | |
| 11,447.46 | 6,840.00 | 6,702.64 | 6,701.27 | 151.45 | 1.70 | 89.65 | 1,926.02 | -6,340.79 | 2,904.55 | 2,752.32 | 152.23 | 19.080 CC | | |
| 11,500.00 | 6,840.00 | 6,702.00 | 6,700.64 | 152.83 | 1.70 | 89.64 | 1,926.01 | -6,340.80 | 2,905.02 | 2,751.72 | 153.30 | 18.949 ES | | |
| 11,600.00 | 6,840.00 | 6,700.79 | 6,699.43 | 155.46 | 1.70 | 89.61 | 1,926.01 | -6,340.81 | 2,908.55 | 2,753.33 | 155.22 | 18.739 | | |
| 11,700.00 | 6,840.00 | 6,699.68 | 6,698.32 | 158.09 | 1.70 | 89.59 | 1,926.00 | -6,340.82 | 2,915.50 | 2,758.55 | 156.95 | 18.576 | | |
| 11,800.00 | 6,840.00 | 6,698.76 | 6,697.40 | 160.73 | 1.70 | 89.57 | 1,925.99 | -6,340.83 | 2,925.86 | 2,767.35 | 158.51 | 18.459 | | |
| 11,900.00 | 6,840.00 | 6,697.85 | 6,696.48 | 163.36 | 1.70 | 89.56 | 1,925.99 | -6,340.84 | 2,939.58 | 2,779.70 | 159.88 | 18.386 | | |
| 12,000.00 | 6,840.00 | 6,696.93 | 6,695.57 | 166.01 | 1.70 | 89.54 | 1,925.98 | -6,340.85 | 2,956.63 | 2,795.56 | 161.07 | 18.356 SF | | |
| 12,100.00 | 6,840.00 | 6,696.01 | 6,694.65 | 168.65 | 1.70 | 89.52 | 1,925.98 | -6,340.86 | 2,976.94 | 2,814.85 | 162.08 | 18.367 | | |
| 12,200.00 | 6,840.00 | 6,695.09 | 6,693.73 | 171.30 | 1.70 | 89.50 | 1,925.97 | -6,340.86 | 3,000.44 | 2,837.53 | 162.92 | 18.417 | | |
| 12,300.00 | 6,840.00 | 6,694.17 | 6,692.81 | 173.94 | 1.70 | 89.48 | 1,925.96 | -6,340.87 | 3,027.07 | 2,863.49 | 163.58 | 18.505 | | |
| 12,400.00 | 6,840.00 | 6,693.26 | 6,691.90 | 176.59 | 1.70 | 89.47 | 1,925.96 | -6,340.88 | 3,056.73 | 2,892.66 | 164.07 | 18.630 | | |
| 12,500.00 | 6,840.00 | 6,692.34 | 6,690.98 | 179.25 | 1.70 | 89.45 | 1,925.95 | -6,340.89 | 3,089.36 | 2,924.94 | 164.41 | 18.790 | | |
| 12,600.00 | 6,840.00 | 6,691.42 | 6,690.06 | 181.90 | 1.70 | 89.43 | 1,925.95 | -6,340.90 | 3,124.84 | 2,960.24 | 164.60 | 18.984 | | |
| 12,700.00 | 6,840.00 | 6,690.50 | 6,689.14 | 184.56 | 1.70 | 89.41 | 1,925.94 | -6,340.91 | 3,163.08 | 2,998.43 | 164.65 | 19.211 | | |
| 12,800.00 | 6,840.00 | 6,689.59 | 6,688.23 | 187.22 | 1.70 | 89.39 | 1,925.94 | -6,340.92 | 3,203.99 | 3,039.42 | 164.57 | 19.469 | | |
| 12,900.00 | 6,840.00 | 6,688.67 | 6,687.31 | 189.88 | 1.70 | 89.37 | 1,925.93 | -6,340.92 | 3,247.47 | 3,083.10 | 164.37 | 19.757 | | |
| 13,000.00 | 6,840.00 | 6,687.75 | 6,686.39 | 192.54 | 1.70 | 89.36 | 1,925.93 | -6,340.93 | 3,293.41 | 3,129.35 | 164.06 | 20.074 | | |
| 13,100.00 | 6,840.00 | 6,686.84 | 6,685.48 | 195.20 | 1.70 | 89.34 | 1,925.92 | -6,340.94 | 3,341.71 | 3,178.06 | 163.65 | 20.420 | | |
| 13,200.00 | 6,840.00 | 6,685.92 | 6,684.56 | 197.87 | 1.70 | 89.32 | 1,925.91 | -6,340.95 | 3,392.27 | 3,229.12 | 163.15 | 20.792 | | |
| 13,300.00 | 6,840.00 | 6,685.00 | 6,683.64 | 200.53 | 1.70 | 89.30 | 1,925.91 | -6,340.96 | 3,444.99 | 3,282.42 | 162.57 | 21.191 | | |
| 13,400.00 | 6,840.00 | 6,684.08 | 6,682.72 | 203.20 | 1.70 | 89.28 | 1,925.90 | -6,340.97 | 3,499.78 | 3,337.86 | 161.92 | 21.614 | | |
| 13,500.00 | 6,840.00 | 6,683.17 | 6,681.81 | 205.87 | 1.70 | 89.27 | 1,925.90 | -6,340.98 | 3,556.53 | 3,395.33 | 161.20 | 22.062 | | |
| 13,600.00 | 6,840.00 | 6,682.25 | 6,680.89 | 208.54 | 1.70 | 89.25 | 1,925.89 | -6,340.99 | 3,615.16 | 3,454.73 | 160.43 | 22.534 | | |
| 13,700.00 | 6,840.00 | 6,681.33 | 6,679.97 | 211.22 | 1.70 | 89.23 | 1,925.89 | -6,340.99 | 3,675.57 | 3,515.96 | 159.62 | 23.027 | | |
| 13,800.00 | 6,840.00 | 6,680.42 | 6,679.06 | 213.89 | 1.70 | 89.21 | 1,925.88 | -6,341.00 | 3,737.69 | 3,578.93 | 158.76 | 23.543 | | |
| 13,900.00 | 6,840.00 | 6,679.50 | 6,678.14 | 216.56 | 1.70 | 89.19 | 1,925.87 | -6,341.01 | 3,801.42 | 3,643.55 | 157.87 | 24.080 | | |
| 14,000.00 | 6,840.00 | 6,678.58 | 6,677.22 | 219.24 | 1.70 | 89.18 | 1,925.87 | -6,341.02 | 3,866.68 | 3,709.73 | 156.95 | 24.637 | | |
| 14,100.00 | 6,840.00 | 6,677.67 | 6,676.31 | 221.92 | 1.70 | 89.16 | 1,925.86 | -6,341.03 | 3,933.41 | 3,777.40 | 156.01 | 25.213 | | |
| 14,200.00 | 6,840.00 | 6,676.75 | 6,675.39 | 224.59 | 1.70 | 89.14 | 1,925.86 | -6,341.04 | 4,001.52 | 3,846.47 | 155.05 | 25.808 | | |
| 14,300.00 | 6,840.00 | 6,675.83 | 6,674.47 | 227.27 | 1.70 | 89.12 | 1,925.85 | -6,341.05 | 4,070.95 | 3,916.87 | 154.07 | 26.422 | | |
| 14,400.00 | 6,840.00 | 6,674.92 | 6,673.56 | 229.95 | 1.70 | 89.10 | 1,925.85 | -6,341.05 | 4,141.63 | 3,988.53 | 153.09 | 27.053 | | |
| 14,500.00 | 6,840.00 | 6,674.00 | 6,672.64 | 232.63 | 1.70 | 89.09 | 1,925.84 | -6,341.06 | 4,213.49 | 4,061.39 | 152.10 | 27.701 | | |
| 14,600.00 | 6,840.00 | 6,673.08 | 6,671.72 | 235.31 | 1.70 | 89.07 | 1,925.84 | -6,341.07 | 4,286.49 | 4,135.37 | 151.11 | 28.366 | | |
| 14,700.00 | 6,840.00 | 6,672.17 | 6,670.81 | 238.00 | 1.70 | 89.05 | 1,925.83 | -6,341.08 | 4,360.55 | 4,210.43 | 150.12 | 29.046 | | |
| 14,800.00 | 6,840.00 | 6,671.25 | 6,669.89 | 240.68 | 1.70 | 89.03 | 1,925.83 | -6,341.09 | 4,435.64 | 4,286.50 | 149.14 | 29.742 | | |
| 14,900.00 | 6,840.00 | 6,670.33 | 6,668.98 | 243.36 | 1.70 | 89.01 | 1,925.82 | -6,341.10 | 4,511.69 | 4,363.54 | 148.15 | 30.453 | | |
| 15,000.00 | 6,840.00 | 6,669.42 | 6,668.06 | 246.05 | 1.70 | 89.00 | 1,925.81 | -6,341.11 | 4,588.66 | 4,441.48 | 147.18 | 31.178 | | |
| 15,100.00 | 6,840.00 | 6,668.50 | 6,667.14 | 248.74 | 1.70 | 88.98 | 1,925.81 | -6,341.12 | 4,666.50 | 4,520.29 | 146.21 | 31.917 | | |
| 15,200.00 | 6,840.00 | 6,667.59 | 6,666.23 | 251.42 | 1.70 | 88.96 | 1,925.80 | -6,341.12 | 4,745.17 | 4,599.92 | 145.25 | 32.669 | | |
| 15,300.00 | 6,840.00 | 6,666.67 | 6,665.31 | 254.11 | 1.70 | 88.94 | 1,925.80 | -6,341.13 | 4,824.63 | 4,680.33 | 144.30 | 33.434 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - ABND VERT SHELTON G 26-17D GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,400.00 | 6,840.00 | 6,665.75 | 6,664.40 | 256.80 | 1.70 | 88.92 | 1,925.79 | -6,341.14 | 4,904.85 | 4,761.48 | 143.37 | 34.212 | | |
| 15,500.00 | 6,840.00 | 6,664.84 | 6,663.48 | 259.49 | 1.70 | 88.90 | 1,925.79 | -6,341.15 | 4,985.78 | 4,843.33 | 142.44 | 35.002 | | |
| 15,600.00 | 6,840.00 | 6,663.92 | 6,662.56 | 262.17 | 1.70 | 88.89 | 1,925.78 | -6,341.16 | 5,067.39 | 4,925.85 | 141.53 | 35.803 | | |
| 15,700.00 | 6,840.00 | 6,663.01 | 6,661.65 | 264.86 | 1.70 | 88.87 | 1,925.78 | -6,341.17 | 5,149.65 | 5,009.01 | 140.64 | 36.616 | | |
| 15,800.00 | 6,840.00 | 6,662.09 | 6,660.73 | 267.55 | 1.70 | 88.85 | 1,925.77 | -6,341.18 | 5,232.52 | 5,092.76 | 139.76 | 37.440 | | |
| 15,900.00 | 6,840.00 | 6,661.18 | 6,659.82 | 270.25 | 1.70 | 88.83 | 1,925.77 | -6,341.18 | 5,315.99 | 5,177.10 | 138.89 | 38.275 | | |
| 16,000.00 | 6,840.00 | 6,660.26 | 6,658.90 | 272.94 | 1.70 | 88.81 | 1,925.76 | -6,341.19 | 5,400.01 | 5,261.97 | 138.04 | 39.120 | | |
| 16,100.00 | 6,840.00 | 6,659.34 | 6,657.99 | 275.63 | 1.70 | 88.80 | 1,925.75 | -6,341.20 | 5,484.57 | 5,347.37 | 137.20 | 39.974 | | |
| 16,200.00 | 6,840.00 | 6,658.43 | 6,657.07 | 278.32 | 1.70 | 88.78 | 1,925.75 | -6,341.21 | 5,569.65 | 5,433.27 | 136.38 | 40.839 | | |
| 16,300.00 | 6,840.00 | 6,657.51 | 6,656.15 | 281.02 | 1.70 | 88.76 | 1,925.74 | -6,341.22 | 5,655.21 | 5,519.64 | 135.58 | 41.713 | | |
| 16,400.00 | 6,840.00 | 6,656.60 | 6,655.24 | 283.71 | 1.70 | 88.74 | 1,925.74 | -6,341.23 | 5,741.24 | 5,606.45 | 134.79 | 42.595 | | |
| 16,500.00 | 6,840.00 | 6,655.68 | 6,654.32 | 286.40 | 1.70 | 88.72 | 1,925.73 | -6,341.24 | 5,827.71 | 5,693.70 | 134.01 | 43.487 | | |
| 16,600.00 | 6,840.00 | 6,654.77 | 6,653.41 | 289.10 | 1.69 | 88.71 | 1,925.73 | -6,341.24 | 5,914.61 | 5,781.36 | 133.25 | 44.387 | | |
| 16,700.00 | 6,840.00 | 6,653.85 | 6,652.49 | 291.79 | 1.69 | 88.69 | 1,925.72 | -6,341.25 | 6,001.92 | 5,869.42 | 132.51 | 45.295 | | |
| 16,800.00 | 6,840.00 | 6,652.94 | 6,651.58 | 294.49 | 1.69 | 88.67 | 1,925.72 | -6,341.26 | 6,089.62 | 5,957.84 | 131.78 | 46.211 | | |
| 16,900.00 | 6,840.00 | 6,652.02 | 6,650.66 | 297.19 | 1.69 | 88.65 | 1,925.71 | -6,341.27 | 6,177.69 | 6,046.63 | 131.06 | 47.135 | | |
| 17,000.00 | 6,840.00 | 6,651.11 | 6,649.75 | 299.88 | 1.69 | 88.63 | 1,925.71 | -6,341.28 | 6,266.13 | 6,135.76 | 130.37 | 48.066 | | |
| 17,100.00 | 6,840.00 | 6,650.19 | 6,648.83 | 302.58 | 1.69 | 88.62 | 1,925.70 | -6,341.29 | 6,354.90 | 6,225.22 | 129.68 | 49.004 | | |
| 17,200.00 | 6,840.00 | 6,649.28 | 6,647.92 | 305.28 | 1.69 | 88.60 | 1,925.70 | -6,341.30 | 6,444.00 | 6,314.99 | 129.01 | 49.949 | | |
| 17,300.00 | 6,840.00 | 6,648.36 | 6,647.00 | 307.97 | 1.69 | 88.58 | 1,925.69 | -6,341.31 | 6,533.42 | 6,405.06 | 128.35 | 50.902 | | |
| 17,400.00 | 6,840.00 | 6,647.45 | 6,646.09 | 310.67 | 1.69 | 88.56 | 1,925.69 | -6,341.31 | 6,623.14 | 6,495.43 | 127.71 | 51.860 | | |
| 17,500.00 | 6,840.00 | 6,646.53 | 6,645.17 | 313.37 | 1.69 | 88.54 | 1,925.68 | -6,341.32 | 6,713.15 | 6,586.07 | 127.08 | 52.825 | | |
| 17,600.00 | 6,840.00 | 6,645.62 | 6,644.26 | 316.07 | 1.69 | 88.53 | 1,925.67 | -6,341.33 | 6,803.44 | 6,676.97 | 126.47 | 53.796 | | |
| 17,700.00 | 6,840.00 | 6,644.70 | 6,643.34 | 318.77 | 1.69 | 88.51 | 1,925.67 | -6,341.34 | 6,893.99 | 6,768.13 | 125.86 | 54.773 | | |
| 17,800.00 | 6,840.00 | 6,643.79 | 6,642.43 | 321.47 | 1.69 | 88.49 | 1,925.66 | -6,341.35 | 6,984.81 | 6,859.53 | 125.28 | 55.756 | | |
| 17,900.00 | 6,840.00 | 6,642.87 | 6,641.52 | 324.17 | 1.69 | 88.47 | 1,925.66 | -6,341.36 | 7,075.87 | 6,951.17 | 124.70 | 56.744 | | |
| 18,000.00 | 6,840.00 | 6,641.96 | 6,640.60 | 326.87 | 1.69 | 88.45 | 1,925.65 | -6,341.37 | 7,167.17 | 7,043.04 | 124.13 | 57.737 | | |
| 18,100.00 | 6,840.00 | 6,641.04 | 6,639.69 | 329.57 | 1.69 | 88.44 | 1,925.65 | -6,341.37 | 7,258.70 | 7,135.12 | 123.58 | 58.736 | | |
| 18,200.00 | 6,840.00 | 6,640.13 | 6,638.77 | 332.27 | 1.69 | 88.42 | 1,925.64 | -6,341.38 | 7,350.45 | 7,227.41 | 123.04 | 59.740 | | |
| 18,300.00 | 6,840.00 | 6,639.21 | 6,637.86 | 334.97 | 1.69 | 88.40 | 1,925.64 | -6,341.39 | 7,442.41 | 7,319.90 | 122.51 | 60.749 | | |
| 18,400.00 | 6,840.00 | 6,638.30 | 6,636.94 | 337.67 | 1.69 | 88.38 | 1,925.63 | -6,341.40 | 7,534.58 | 7,412.59 | 121.99 | 61.762 | | |
| 18,500.00 | 6,840.00 | 6,637.39 | 6,636.03 | 340.38 | 1.69 | 88.36 | 1,925.63 | -6,341.41 | 7,626.94 | 7,505.46 | 121.49 | 62.780 | | |
| 18,600.00 | 6,840.00 | 6,636.47 | 6,635.11 | 343.08 | 1.69 | 88.35 | 1,925.62 | -6,341.42 | 7,719.50 | 7,598.51 | 120.99 | 63.802 | | |
| 18,700.00 | 6,840.00 | 6,635.56 | 6,634.20 | 345.78 | 1.69 | 88.33 | 1,925.62 | -6,341.43 | 7,812.24 | 7,691.73 | 120.51 | 64.829 | | |
| 18,800.00 | 6,840.00 | 6,634.64 | 6,633.29 | 348.48 | 1.69 | 88.31 | 1,925.61 | -6,341.43 | 7,905.15 | 7,785.12 | 120.03 | 65.860 | | |
| 18,900.00 | 6,840.00 | 6,633.73 | 6,632.37 | 351.19 | 1.69 | 88.29 | 1,925.61 | -6,341.44 | 7,998.24 | 7,878.67 | 119.56 | 66.894 | | |
| 19,000.00 | 6,840.00 | 6,632.82 | 6,631.46 | 353.89 | 1.69 | 88.27 | 1,925.60 | -6,341.45 | 8,091.49 | 7,972.38 | 119.11 | 67.933 | | |
| 19,100.00 | 6,840.00 | 6,631.90 | 6,630.54 | 356.59 | 1.69 | 88.26 | 1,925.60 | -6,341.46 | 8,184.90 | 8,066.23 | 118.66 | 68.975 | | |
| 19,200.00 | 6,840.00 | 6,630.99 | 6,629.63 | 359.30 | 1.69 | 88.24 | 1,925.59 | -6,341.47 | 8,278.46 | 8,160.23 | 118.23 | 70.021 | | |
| 19,300.00 | 6,840.00 | 6,630.07 | 6,628.72 | 362.00 | 1.69 | 88.22 | 1,925.59 | -6,341.48 | 8,372.17 | 8,254.37 | 117.80 | 71.070 | | |
| 19,400.00 | 6,840.00 | 6,629.16 | 6,627.80 | 364.71 | 1.69 | 88.20 | 1,925.58 | -6,341.49 | 8,466.03 | 8,348.65 | 117.38 | 72.123 | | |
| 19,500.00 | 6,840.00 | 6,628.25 | 6,626.89 | 367.41 | 1.69 | 88.18 | 1,925.58 | -6,341.50 | 8,560.03 | 8,443.05 | 116.97 | 73.179 | | |
| 19,600.00 | 6,840.00 | 6,627.33 | 6,625.98 | 370.11 | 1.69 | 88.17 | 1,925.57 | -6,341.50 | 8,654.16 | 8,537.58 | 116.57 | 74.238 | | |
| 19,700.00 | 6,840.00 | 6,626.42 | 6,625.06 | 372.82 | 1.69 | 88.15 | 1,925.57 | -6,341.51 | 8,748.42 | 8,632.23 | 116.18 | 75.300 | | |
| 19,800.00 | 6,840.00 | 6,625.51 | 6,624.15 | 375.53 | 1.69 | 88.13 | 1,925.56 | -6,341.52 | 8,842.80 | 8,727.00 | 115.80 | 76.365 | | |
| 19,900.00 | 6,840.00 | 6,624.59 | 6,623.24 | 378.23 | 1.69 | 88.11 | 1,925.56 | -6,341.53 | 8,937.31 | 8,821.89 | 115.42 | 77.432 | | |
| 20,000.00 | 6,840.00 | 6,623.68 | 6,622.32 | 380.94 | 1.69 | 88.09 | 1,925.55 | -6,341.54 | 9,031.94 | 8,916.88 | 115.05 | 78.502 | | |
| 20,100.00 | 6,840.00 | 6,622.76 | 6,621.41 | 383.64 | 1.69 | 88.08 | 1,925.55 | -6,341.55 | 9,126.68 | 9,011.98 | 114.69 | 79.575 | | |
| 20,200.00 | 6,840.00 | 6,621.85 | 6,620.50 | 386.35 | 1.69 | 88.06 | 1,925.54 | -6,341.56 | 9,221.53 | 9,107.19 | 114.34 | 80.651 | | |
| 20,300.00 | 6,840.00 | 6,620.94 | 6,619.58 | 389.05 | 1.69 | 88.04 | 1,925.54 | -6,341.56 | 9,316.49 | 9,202.49 | 113.99 | 81.728 | | |
| 20,400.00 | 6,840.00 | 6,620.02 | 6,618.67 | 391.76 | 1.69 | 88.02 | 1,925.53 | -6,341.57 | 9,411.55 | 9,297.90 | 113.65 | 82.808 | | |
| 20,442.82 | 6,840.00 | 6,619.63 | 6,618.28 | 392.92 | 1.69 | 88.01 | 1,925.53 | -6,341.58 | 9,452.28 | 9,338.77 | 113.51 | 83.272 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 16-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -99.47 | -1,621.79 | -9,727.12 | 9,861.99 | | | | | |
| 100.00 | 100.00 | 0.00 | 0.00 | 0.13 | 0.00 | -99.47 | -1,621.79 | -9,727.12 | 9,861.40 | 9,861.27 | 0.13 | N/A | | |
| 110.05 | 110.05 | 2.05 | 2.05 | 0.17 | 0.00 | -99.47 | -1,621.79 | -9,727.12 | 9,861.40 | 9,861.23 | 0.17 | N/A | | |
| 200.00 | 200.00 | 85.60 | 85.60 | 0.49 | 0.24 | -99.47 | -1,621.82 | -9,727.14 | 9,861.42 | 9,860.68 | 0.74 | N/A | | |
| 300.00 | 300.00 | 177.17 | 177.17 | 0.85 | 0.56 | -99.47 | -1,621.92 | -9,727.23 | 9,861.53 | 9,860.11 | 1.42 | 6,965.495 | | |
| 400.00 | 400.00 | 268.75 | 268.75 | 1.21 | 0.89 | -99.47 | -1,622.10 | -9,727.37 | 9,861.72 | 9,859.63 | 2.09 | 4,707.453 | | |
| 500.00 | 500.00 | 360.32 | 360.32 | 1.57 | 1.21 | -99.47 | -1,622.36 | -9,727.59 | 9,862.00 | 9,859.23 | 2.77 | 3,555.081 | | |
| 600.00 | 599.98 | 451.89 | 451.88 | 1.92 | 1.53 | 16.34 | -1,622.71 | -9,727.87 | 9,860.69 | 9,857.25 | 3.44 | 2,865.316 | | |
| 700.00 | 699.84 | 543.36 | 543.35 | 2.26 | 1.85 | 16.37 | -1,623.13 | -9,728.22 | 9,856.12 | 9,852.01 | 4.10 | 2,401.166 | | |
| 800.00 | 799.45 | 639.37 | 639.36 | 2.62 | 2.18 | 16.42 | -1,623.73 | -9,728.62 | 9,848.27 | 9,843.48 | 4.79 | 2,055.420 | | |
| 900.00 | 898.70 | 2,953.43 | 2,916.19 | 2.99 | 11.69 | 15.90 | -1,763.89 | -9,447.24 | 9,816.47 | 9,802.63 | 13.84 | 709.329 | | |
| 1,000.00 | 997.47 | 2,985.34 | 2,946.84 | 3.39 | 11.87 | 16.08 | -1,768.47 | -9,439.58 | 9,780.64 | 9,766.30 | 14.34 | 682.077 | | |
| 1,100.00 | 1,095.62 | 3,171.66 | 3,125.46 | 3.81 | 12.91 | 16.15 | -1,795.72 | -9,394.16 | 9,741.27 | 9,725.72 | 15.54 | 626.726 | | |
| 1,200.00 | 1,193.06 | 3,206.00 | 3,158.37 | 4.27 | 13.11 | 16.39 | -1,800.73 | -9,385.75 | 9,698.93 | 9,682.87 | 16.07 | 603.724 | | |
| 1,300.00 | 1,289.64 | 3,245.92 | 3,196.73 | 4.77 | 13.33 | 16.64 | -1,806.34 | -9,376.22 | 9,654.07 | 9,637.46 | 16.61 | 581.094 | | |
| 1,400.00 | 1,385.27 | 3,300.00 | 3,248.89 | 5.31 | 13.63 | 16.92 | -1,813.42 | -9,363.80 | 9,606.80 | 9,589.57 | 17.23 | 557.556 | | |
| 1,500.00 | 1,479.82 | 3,322.12 | 3,270.27 | 5.91 | 13.75 | 17.25 | -1,816.16 | -9,358.85 | 9,556.98 | 9,539.27 | 17.71 | 539.700 | | |
| 1,600.00 | 1,573.19 | 3,373.18 | 3,319.70 | 6.55 | 14.03 | 17.53 | -1,822.29 | -9,347.59 | 9,504.73 | 9,486.41 | 18.32 | 518.761 | | |
| 1,700.00 | 1,666.16 | 3,441.75 | 3,386.15 | 7.23 | 14.40 | 17.51 | -1,830.26 | -9,332.72 | 9,451.81 | 9,432.81 | 19.00 | 497.479 | | |
| 1,800.00 | 1,759.13 | 3,691.25 | 3,627.73 | 7.93 | 15.75 | 17.44 | -1,857.11 | -9,276.43 | 9,397.73 | 9,377.28 | 20.45 | 459.627 | | |
| 1,900.00 | 1,852.10 | 1,900.00 | 3,851.02 | 8.64 | 6.06 | 17.36 | -1,885.08 | -9,220.81 | 9,343.28 | 9,330.83 | 12.45 | 750.423 | | |
| 2,000.00 | 1,945.06 | 4,014.83 | 3,939.05 | 9.35 | 17.61 | 17.32 | -1,896.39 | -9,197.54 | 9,287.33 | 9,264.68 | 22.65 | 410.042 | | |
| 2,100.00 | 2,038.03 | 4,051.00 | 3,973.83 | 10.08 | 17.82 | 17.30 | -1,900.68 | -9,188.56 | 9,231.79 | 9,208.57 | 23.22 | 397.643 | | |
| 2,200.00 | 2,131.00 | 4,092.37 | 4,013.67 | 10.81 | 18.06 | 17.29 | -1,905.47 | -9,178.50 | 9,176.65 | 9,152.84 | 23.81 | 385.446 | | |
| 2,300.00 | 2,223.97 | 4,144.00 | 4,063.49 | 11.54 | 18.35 | 17.27 | -1,911.26 | -9,166.25 | 9,121.91 | 9,097.46 | 24.45 | 373.120 | | |
| 2,400.00 | 2,316.94 | 4,256.19 | 4,171.78 | 12.28 | 18.99 | 17.24 | -1,923.64 | -9,139.71 | 9,067.30 | 9,041.96 | 25.34 | 357.801 | | |
| 2,500.00 | 2,409.90 | 4,363.48 | 4,275.06 | 13.02 | 19.61 | 17.19 | -1,936.20 | -9,113.49 | 9,012.02 | 8,985.80 | 26.22 | 343.679 | | |
| 2,600.00 | 2,502.87 | 4,401.90 | 4,312.09 | 13.77 | 19.83 | 17.18 | -1,940.62 | -9,104.25 | 8,957.10 | 8,930.28 | 26.82 | 333.987 | | |
| 2,700.00 | 2,595.84 | 4,554.58 | 4,459.14 | 14.51 | 20.72 | 17.12 | -1,958.00 | -9,067.04 | 8,901.74 | 8,873.85 | 27.89 | 319.189 | | |
| 2,800.00 | 2,688.81 | 4,583.61 | 4,487.11 | 15.26 | 20.88 | 17.11 | -1,961.28 | -9,060.00 | 8,846.64 | 8,818.19 | 28.45 | 310.924 | | |
| 2,900.00 | 2,781.77 | 4,613.00 | 4,515.49 | 16.01 | 21.05 | 17.10 | -1,964.54 | -9,053.07 | 8,792.05 | 8,763.03 | 29.02 | 302.941 | | |
| 3,000.00 | 2,874.74 | 4,684.42 | 4,584.45 | 16.76 | 21.46 | 17.08 | -1,972.82 | -9,036.43 | 8,737.79 | 8,708.02 | 29.77 | 293.548 | | |
| 3,100.00 | 2,967.71 | 4,707.00 | 4,606.22 | 17.52 | 21.59 | 17.07 | -1,975.63 | -9,031.16 | 8,683.80 | 8,653.49 | 30.32 | 286.448 | | |
| 3,200.00 | 3,060.68 | 4,745.12 | 4,643.04 | 18.27 | 21.81 | 17.05 | -1,980.37 | -9,022.49 | 8,630.30 | 8,599.37 | 30.93 | 279.027 | | |
| 3,300.00 | 3,153.65 | 4,768.02 | 4,665.23 | 19.03 | 21.93 | 17.04 | -1,983.14 | -9,017.52 | 8,577.45 | 8,545.96 | 31.49 | 272.411 | | |
| 3,400.00 | 3,246.61 | 4,801.00 | 4,697.25 | 19.78 | 22.12 | 17.03 | -1,987.02 | -9,010.66 | 8,525.23 | 8,493.15 | 32.09 | 265.686 | | |
| 3,500.00 | 3,339.58 | 4,801.00 | 4,697.25 | 20.54 | 22.12 | 17.03 | -1,987.02 | -9,010.66 | 8,473.64 | 8,441.08 | 32.56 | 260.243 | | |
| 3,600.00 | 3,432.55 | 4,834.70 | 4,730.07 | 21.30 | 22.29 | 17.02 | -1,990.87 | -9,004.05 | 8,422.65 | 8,389.49 | 33.16 | 253.971 | | |
| 3,700.00 | 3,525.52 | 4,856.34 | 4,751.19 | 22.06 | 22.40 | 17.01 | -1,993.28 | -9,000.02 | 8,372.36 | 8,338.64 | 33.72 | 248.257 | | |
| 3,800.00 | 3,618.49 | 4,895.00 | 4,789.03 | 22.82 | 22.60 | 17.00 | -1,997.44 | -8,993.28 | 8,322.81 | 8,288.46 | 34.35 | 242.280 | | |
| 3,900.00 | 3,711.45 | 4,918.00 | 4,811.59 | 23.57 | 22.72 | 17.00 | -1,999.80 | -8,989.44 | 8,273.78 | 8,238.86 | 34.92 | 236.942 | | |
| 4,000.00 | 3,804.42 | 4,989.00 | 4,881.31 | 24.33 | 23.06 | 16.99 | -2,006.26 | -8,977.69 | 8,224.98 | 8,189.32 | 35.66 | 230.656 | | |
| 4,100.00 | 3,897.39 | 5,027.09 | 4,918.78 | 25.09 | 23.24 | 16.99 | -2,009.37 | -8,971.60 | 8,176.58 | 8,140.30 | 36.28 | 225.381 | | |
| 4,200.00 | 3,990.36 | 5,082.00 | 4,972.90 | 25.86 | 23.50 | 16.99 | -2,013.71 | -8,963.45 | 8,128.91 | 8,091.95 | 36.96 | 219.950 | | |
| 4,300.00 | 4,083.32 | 5,082.00 | 4,972.90 | 26.62 | 23.50 | 16.99 | -2,013.71 | -8,963.45 | 8,081.66 | 8,044.21 | 37.45 | 215.777 | | |
| 4,400.00 | 4,176.29 | 5,120.31 | 5,010.74 | 27.38 | 23.66 | 17.00 | -2,016.59 | -8,958.20 | 8,035.13 | 7,997.05 | 38.08 | 211.029 | | |
| 4,500.00 | 4,269.26 | 5,176.00 | 5,065.86 | 28.14 | 23.91 | 17.00 | -2,020.42 | -8,951.20 | 7,989.31 | 7,950.55 | 38.76 | 206.142 | | |
| 4,600.00 | 4,362.23 | 5,176.00 | 5,065.86 | 28.90 | 23.91 | 17.00 | -2,020.42 | -8,951.20 | 7,943.95 | 7,904.70 | 39.26 | 202.349 | | |
| 4,700.00 | 4,455.20 | 5,218.29 | 5,107.79 | 29.66 | 24.08 | 17.01 | -2,023.10 | -8,946.38 | 7,899.30 | 7,859.40 | 39.89 | 198.011 | | |
| 4,800.00 | 4,548.16 | 5,271.00 | 5,160.13 | 30.43 | 24.30 | 17.03 | -2,026.18 | -8,940.96 | 7,855.36 | 7,814.80 | 40.56 | 193.663 | | |
| 4,900.00 | 4,641.13 | 5,271.00 | 5,160.13 | 31.19 | 24.30 | 17.03 | -2,026.18 | -8,940.96 | 7,811.98 | 7,770.91 | 41.07 | 190.214 | | |
| 5,000.00 | 4,734.10 | 5,317.43 | 5,206.29 | 31.95 | 24.47 | 17.04 | -2,028.70 | -8,936.74 | 7,769.26 | 7,727.55 | 41.72 | 186.241 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 16-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 5,365.00 | 5,253.65 | 32.71 | 24.65 | 17.06 | -2,031.12 | -8,932.95 | 7,727.29 | 7,684.92 | 42.37 | 182.384 | | |
| 5,200.00 | 4,920.04 | 5,390.96 | 5,279.51 | 33.48 | 24.75 | 17.07 | -2,032.38 | -8,931.08 | 7,685.89 | 7,642.93 | 42.95 | 178.930 | | |
| 5,300.00 | 5,013.00 | 5,436.53 | 5,324.93 | 34.24 | 24.91 | 17.09 | -2,034.51 | -8,928.02 | 7,645.08 | 7,601.48 | 43.60 | 175.348 | | |
| 5,400.00 | 5,105.97 | 5,481.91 | 5,370.18 | 35.00 | 25.07 | 17.11 | -2,036.52 | -8,925.27 | 7,604.83 | 7,560.58 | 44.24 | 171.886 | | |
| 5,500.00 | 5,198.94 | 5,527.05 | 5,415.21 | 35.77 | 25.23 | 17.13 | -2,038.41 | -8,922.83 | 7,565.13 | 7,520.25 | 44.89 | 168.540 | | |
| 5,600.00 | 5,291.91 | 5,554.00 | 5,442.11 | 36.53 | 25.32 | 17.14 | -2,039.48 | -8,921.52 | 7,526.05 | 7,480.57 | 45.48 | 165.485 | | |
| 5,700.00 | 5,384.87 | 5,614.56 | 5,502.58 | 37.29 | 25.52 | 17.18 | -2,041.66 | -8,919.00 | 7,487.48 | 7,441.32 | 46.16 | 162.198 | | |
| 5,800.00 | 5,477.84 | 5,649.00 | 5,536.99 | 38.06 | 25.63 | 17.20 | -2,042.72 | -8,917.85 | 7,449.57 | 7,402.80 | 46.78 | 159.263 | | |
| 5,900.00 | 5,570.81 | 5,694.83 | 5,582.79 | 38.82 | 25.77 | 17.23 | -2,043.84 | -8,916.70 | 7,412.30 | 7,364.89 | 47.41 | 156.332 | | |
| 6,000.00 | 5,663.78 | 5,743.00 | 5,630.95 | 39.59 | 25.92 | 17.26 | -2,044.58 | -8,916.01 | 7,375.75 | 7,327.69 | 48.06 | 153.469 | | |
| 6,100.00 | 5,756.75 | 5,790.48 | 5,678.42 | 40.35 | 26.05 | 17.30 | -2,045.08 | -8,915.66 | 7,339.77 | 7,291.07 | 48.70 | 150.713 | | |
| 6,200.00 | 5,849.71 | 5,867.81 | 5,755.75 | 41.12 | 26.27 | 17.37 | -2,045.82 | -8,915.36 | 7,304.18 | 7,254.76 | 49.42 | 147.805 | | |
| 6,300.00 | 5,942.68 | 5,964.08 | 5,852.02 | 41.88 | 26.54 | 17.45 | -2,046.08 | -8,915.05 | 7,268.55 | 7,218.37 | 50.18 | 144.841 | | |
| 6,400.00 | 6,035.65 | 6,044.04 | 5,931.98 | 42.64 | 26.77 | 17.53 | -2,046.39 | -8,914.90 | 7,233.08 | 7,182.17 | 50.91 | 142.081 | | |
| 6,500.00 | 6,128.62 | 6,139.74 | 6,027.68 | 43.41 | 27.04 | 17.61 | -2,046.87 | -8,914.73 | 7,197.66 | 7,145.98 | 51.68 | 139.286 | | |
| 6,600.00 | 6,221.59 | 6,223.91 | 6,111.84 | 44.17 | 27.27 | 17.69 | -2,047.38 | -8,914.60 | 7,162.29 | 7,109.87 | 52.42 | 136.646 | | |
| 6,700.00 | 6,314.55 | 6,295.91 | 6,183.84 | 44.94 | 27.47 | 17.75 | -2,047.78 | -8,914.66 | 7,127.14 | 7,074.01 | 53.12 | 134.167 | | |
| 6,800.00 | 6,407.52 | 6,383.85 | 6,271.79 | 45.70 | 27.71 | 17.84 | -2,048.15 | -8,914.94 | 7,092.19 | 7,038.33 | 53.86 | 131.671 | | |
| 6,900.00 | 6,499.98 | 6,475.82 | 6,363.75 | 46.49 | 27.96 | 13.52 | -2,048.52 | -8,915.25 | 7,055.93 | 7,001.32 | 54.62 | 129.192 | | |
| 7,000.00 | 6,586.50 | 6,567.80 | 6,455.73 | 47.49 | 28.21 | 6.44 | -2,048.84 | -8,915.55 | 7,006.90 | 6,951.54 | 55.36 | 126.567 | | |
| 7,100.00 | 6,663.58 | 6,649.22 | 6,537.15 | 48.75 | 28.43 | 1.45 | -2,049.11 | -8,915.74 | 6,943.70 | 6,887.67 | 56.03 | 123.921 | | |
| 7,200.00 | 6,728.87 | 6,717.35 | 6,605.27 | 50.23 | 28.62 | -3.37 | -2,049.52 | -8,915.85 | 6,868.29 | 6,811.70 | 56.59 | 121.371 | | |
| 7,300.00 | 6,780.38 | 6,771.04 | 6,658.97 | 51.91 | 28.77 | -9.82 | -2,049.77 | -8,915.92 | 6,782.97 | 6,725.97 | 57.00 | 119.005 | | |
| 7,400.00 | 6,816.56 | 6,811.72 | 6,699.64 | 53.74 | 28.89 | -21.78 | -2,049.91 | -8,915.97 | 6,690.36 | 6,633.12 | 57.24 | 116.874 | | |
| 7,500.00 | 6,836.29 | 6,834.35 | 6,722.27 | 55.65 | 28.95 | -52.20 | -2,050.00 | -8,915.98 | 6,593.29 | 6,535.98 | 57.31 | 115.040 | | |
| 7,600.00 | 6,840.00 | 6,838.60 | 6,726.52 | 57.58 | 28.96 | -89.71 | -2,050.02 | -8,915.98 | 6,494.71 | 6,437.49 | 57.22 | 113.502 | | |
| 7,700.00 | 6,840.00 | 6,838.61 | 6,726.53 | 59.56 | 28.96 | -89.71 | -2,050.02 | -8,915.98 | 6,396.14 | 6,339.04 | 57.10 | 112.018 | | |
| 7,800.00 | 6,840.00 | 6,838.62 | 6,726.55 | 61.60 | 28.96 | -89.71 | -2,050.02 | -8,915.98 | 6,297.61 | 6,240.62 | 56.98 | 110.515 | | |
| 7,900.00 | 6,840.00 | 6,838.63 | 6,726.56 | 63.69 | 28.96 | -89.71 | -2,050.02 | -8,915.98 | 6,199.12 | 6,142.25 | 56.88 | 108.991 | | |
| 8,000.00 | 6,840.00 | 6,838.64 | 6,726.57 | 65.82 | 28.96 | -89.71 | -2,050.02 | -8,915.98 | 6,100.69 | 6,043.91 | 56.78 | 107.446 | | |
| 8,100.00 | 6,840.00 | 6,838.65 | 6,726.58 | 67.99 | 28.96 | -89.71 | -2,050.02 | -8,915.98 | 6,002.30 | 5,945.61 | 56.69 | 105.877 | | |
| 8,200.00 | 6,840.00 | 6,838.67 | 6,726.59 | 70.21 | 28.96 | -89.71 | -2,050.02 | -8,915.98 | 5,903.98 | 5,847.36 | 56.62 | 104.282 | | |
| 8,300.00 | 6,840.00 | 6,838.68 | 6,726.60 | 72.45 | 28.96 | -89.71 | -2,050.02 | -8,915.98 | 5,805.70 | 5,749.15 | 56.55 | 102.661 | | |
| 8,400.00 | 6,840.00 | 6,838.69 | 6,726.61 | 74.73 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 5,707.49 | 5,650.99 | 56.50 | 101.011 | | |
| 8,500.00 | 6,840.00 | 6,838.70 | 6,726.62 | 77.04 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 5,609.34 | 5,552.87 | 56.47 | 99.331 | | |
| 8,600.00 | 6,840.00 | 6,838.71 | 6,726.64 | 79.38 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 5,511.26 | 5,454.81 | 56.46 | 97.619 | | |
| 8,700.00 | 6,840.00 | 6,838.72 | 6,726.65 | 81.74 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 5,413.25 | 5,356.79 | 56.46 | 95.872 | | |
| 8,800.00 | 6,840.00 | 6,838.73 | 6,726.66 | 84.12 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 5,315.31 | 5,258.82 | 56.49 | 94.089 | | |
| 8,900.00 | 6,840.00 | 6,838.74 | 6,726.67 | 86.52 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 5,217.45 | 5,160.91 | 56.55 | 92.269 | | |
| 9,000.00 | 6,840.00 | 6,838.75 | 6,726.68 | 88.94 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 5,119.68 | 5,063.05 | 56.63 | 90.409 | | |
| 9,100.00 | 6,840.00 | 6,838.76 | 6,726.69 | 91.38 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 5,021.99 | 4,965.25 | 56.74 | 88.508 | | |
| 9,200.00 | 6,840.00 | 6,838.78 | 6,726.70 | 93.83 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 4,924.39 | 4,867.51 | 56.89 | 86.564 | | |
| 9,300.00 | 6,840.00 | 6,838.79 | 6,726.71 | 96.30 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 4,826.89 | 4,769.82 | 57.07 | 84.576 | | |
| 9,400.00 | 6,840.00 | 6,838.80 | 6,726.72 | 98.79 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 4,729.50 | 4,672.20 | 57.30 | 82.544 | | |
| 9,500.00 | 6,840.00 | 6,838.81 | 6,726.73 | 101.28 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 4,632.22 | 4,574.65 | 57.57 | 80.466 | | |
| 9,600.00 | 6,840.00 | 6,838.82 | 6,726.74 | 103.79 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 4,535.06 | 4,477.17 | 57.89 | 78.342 | | |
| 9,700.00 | 6,840.00 | 6,838.83 | 6,726.75 | 106.30 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 4,438.02 | 4,379.76 | 58.26 | 76.174 | | |
| 9,800.00 | 6,840.00 | 6,838.84 | 6,726.77 | 108.83 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 4,341.11 | 4,282.42 | 58.69 | 73.961 | | |
| 9,900.00 | 6,840.00 | 6,838.85 | 6,726.78 | 111.37 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 4,244.35 | 4,185.16 | 59.19 | 71.705 | | |
| 10,000.00 | 6,840.00 | 6,838.86 | 6,726.79 | 113.91 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 4,147.75 | 4,087.99 | 59.76 | 69.408 | | |
| 10,100.00 | 6,840.00 | 6,838.87 | 6,726.80 | 116.47 | 28.96 | -89.72 | -2,050.02 | -8,915.98 | 4,051.31 | 3,990.90 | 60.40 | 67.073 | | |
| 10,200.00 | 6,840.00 | 6,838.88 | 6,726.81 | 119.03 | 28.96 | -89.73 | -2,050.02 | -8,915.98 | 3,955.04 | 3,893.92 | 61.12 | 64.704 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 16-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,838.89 | 6,726.82 | 121.59 | 28.96 | -89.73 | -2,050.02 | -8,915.98 | 3,858.97 | 3,797.03 | 61.94 | 62.305 | | |
| 10,400.00 | 6,840.00 | 6,838.90 | 6,726.83 | 124.17 | 28.96 | -89.73 | -2,050.02 | -8,915.98 | 3,763.10 | 3,700.25 | 62.84 | 59.880 | | |
| 10,500.00 | 6,840.00 | 6,838.91 | 6,726.84 | 126.75 | 28.96 | -89.73 | -2,050.02 | -8,915.98 | 3,667.45 | 3,603.59 | 63.85 | 57.436 | | |
| 10,600.00 | 6,840.00 | 6,838.92 | 6,726.85 | 129.34 | 28.96 | -89.73 | -2,050.02 | -8,915.98 | 3,572.04 | 3,507.06 | 64.97 | 54.978 | | |
| 10,700.00 | 6,840.00 | 6,838.93 | 6,726.86 | 131.93 | 28.96 | -89.73 | -2,050.02 | -8,915.98 | 3,476.88 | 3,410.67 | 66.21 | 52.514 | | |
| 10,800.00 | 6,840.00 | 6,838.94 | 6,726.87 | 134.53 | 28.96 | -89.73 | -2,050.02 | -8,915.98 | 3,382.01 | 3,314.43 | 67.57 | 50.050 | | |
| 10,900.00 | 6,840.00 | 6,838.95 | 6,726.88 | 137.13 | 28.96 | -89.73 | -2,050.02 | -8,915.98 | 3,287.44 | 3,218.36 | 69.07 | 47.593 | | |
| 11,000.00 | 6,840.00 | 6,838.96 | 6,726.89 | 139.73 | 28.96 | -89.73 | -2,050.02 | -8,915.98 | 3,193.20 | 3,122.48 | 70.72 | 45.153 | | |
| 11,100.00 | 6,840.00 | 6,838.97 | 6,726.90 | 142.35 | 28.97 | -89.73 | -2,050.02 | -8,915.98 | 3,099.32 | 3,026.80 | 72.52 | 42.735 | | |
| 11,200.00 | 6,840.00 | 6,838.98 | 6,726.91 | 144.96 | 28.97 | -89.73 | -2,050.02 | -8,915.98 | 3,005.84 | 2,931.34 | 74.50 | 40.349 | | |
| 11,300.00 | 6,840.00 | 6,838.99 | 6,726.92 | 147.58 | 28.97 | -89.73 | -2,050.02 | -8,915.98 | 2,912.79 | 2,836.14 | 76.65 | 38.001 | | |
| 11,400.00 | 6,840.00 | 6,839.00 | 6,726.93 | 150.20 | 28.97 | -89.73 | -2,050.02 | -8,915.98 | 2,820.21 | 2,741.21 | 79.00 | 35.699 | | |
| 11,500.00 | 6,840.00 | 6,839.01 | 6,726.94 | 152.83 | 28.97 | -89.73 | -2,050.02 | -8,915.98 | 2,728.16 | 2,646.60 | 81.56 | 33.449 | | |
| 11,600.00 | 6,840.00 | 6,839.02 | 6,726.95 | 155.46 | 28.97 | -89.73 | -2,050.02 | -8,915.98 | 2,636.69 | 2,552.34 | 84.35 | 31.259 | | |
| 11,700.00 | 6,840.00 | 6,839.03 | 6,726.96 | 158.09 | 28.97 | -89.73 | -2,050.02 | -8,915.98 | 2,545.86 | 2,458.48 | 87.39 | 29.133 | | |
| 11,800.00 | 6,840.00 | 6,839.04 | 6,726.96 | 160.73 | 28.97 | -89.73 | -2,050.02 | -8,915.98 | 2,455.75 | 2,365.06 | 90.69 | 27.079 | | |
| 11,900.00 | 6,840.00 | 6,839.05 | 6,726.97 | 163.36 | 28.97 | -89.73 | -2,050.02 | -8,915.98 | 2,366.42 | 2,272.15 | 94.28 | 25.101 | | |
| 12,000.00 | 6,840.00 | 6,839.06 | 6,726.98 | 166.01 | 28.97 | -89.73 | -2,050.02 | -8,915.98 | 2,277.99 | 2,179.81 | 98.18 | 23.202 | | |
| 12,100.00 | 6,840.00 | 6,839.07 | 6,726.99 | 168.65 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 2,190.55 | 2,088.13 | 102.42 | 21.388 | | |
| 12,200.00 | 6,840.00 | 6,839.08 | 6,727.00 | 171.30 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 2,104.23 | 1,997.20 | 107.03 | 19.660 | | |
| 12,300.00 | 6,840.00 | 6,839.09 | 6,727.01 | 173.94 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 2,019.17 | 1,907.14 | 112.03 | 18.023 | | |
| 12,400.00 | 6,840.00 | 6,839.09 | 6,727.02 | 176.59 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,935.54 | 1,818.07 | 117.47 | 16.477 | | |
| 12,500.00 | 6,840.00 | 6,839.10 | 6,727.03 | 179.25 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,853.53 | 1,730.18 | 123.36 | 15.026 | | |
| 12,600.00 | 6,840.00 | 6,839.11 | 6,727.04 | 181.90 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,773.37 | 1,643.64 | 129.74 | 13.669 | | |
| 12,700.00 | 6,840.00 | 6,839.12 | 6,727.05 | 184.56 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,695.33 | 1,558.69 | 136.64 | 12.407 | | |
| 12,800.00 | 6,840.00 | 6,839.13 | 6,727.06 | 187.22 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,619.69 | 1,475.62 | 144.08 | 11.242 | | |
| 12,900.00 | 6,840.00 | 6,839.14 | 6,727.07 | 189.88 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,546.83 | 1,394.76 | 152.06 | 10.172 | | |
| 13,000.00 | 6,840.00 | 6,839.15 | 6,727.08 | 192.54 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,477.14 | 1,316.55 | 160.59 | 9.198 | | |
| 13,100.00 | 6,840.00 | 6,839.16 | 6,727.08 | 195.20 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,411.10 | 1,241.46 | 169.64 | 8.318 | | |
| 13,200.00 | 6,840.00 | 6,839.17 | 6,727.09 | 197.87 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,349.25 | 1,170.12 | 179.13 | 7.532 | | |
| 13,300.00 | 6,840.00 | 6,839.18 | 6,727.10 | 200.53 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,292.19 | 1,103.22 | 188.97 | 6.838 | | |
| 13,400.00 | 6,840.00 | 6,839.19 | 6,727.11 | 203.20 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,240.57 | 1,041.59 | 198.98 | 6.235 | | |
| 13,500.00 | 6,840.00 | 6,839.19 | 6,727.12 | 205.87 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,195.11 | 986.17 | 208.94 | 5.720 | | |
| 13,600.00 | 6,840.00 | 6,839.20 | 6,727.13 | 208.54 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,156.53 | 937.98 | 218.55 | 5.292 | | |
| 13,700.00 | 6,840.00 | 6,839.21 | 6,727.14 | 211.22 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,125.54 | 898.06 | 227.47 | 4.948 | | |
| 13,800.00 | 6,840.00 | 6,839.22 | 6,727.15 | 213.89 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,102.77 | 867.43 | 235.34 | 4.686 | | |
| 13,900.00 | 6,840.00 | 6,839.23 | 6,727.15 | 216.56 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,088.75 | 846.94 | 241.81 | 4.503 | | |
| 14,000.00 | 6,840.00 | 6,839.24 | 6,727.16 | 219.24 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,083.81 | 837.22 | 246.59 | 4.395 | | |
| 14,003.65 | 6,840.00 | 6,839.24 | 6,727.16 | 219.34 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,083.81 | 837.08 | 246.73 | 4.393 CC, ES | | |
| 14,100.00 | 6,840.00 | 6,839.25 | 6,727.17 | 221.92 | 28.97 | -89.74 | -2,050.02 | -8,915.98 | 1,088.08 | 838.56 | 249.52 | 4.361 SF | | |
| 14,200.00 | 6,840.00 | 6,839.25 | 6,727.18 | 224.59 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 1,101.45 | 850.86 | 250.59 | 4.395 | | |
| 14,300.00 | 6,840.00 | 6,839.26 | 6,727.19 | 227.27 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 1,123.59 | 873.70 | 249.89 | 4.496 | | |
| 14,400.00 | 6,840.00 | 6,839.27 | 6,727.20 | 229.95 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 1,154.01 | 906.35 | 247.66 | 4.660 | | |
| 14,500.00 | 6,840.00 | 6,839.28 | 6,727.21 | 232.63 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 1,192.06 | 947.89 | 244.17 | 4.882 | | |
| 14,600.00 | 6,840.00 | 6,839.29 | 6,727.21 | 235.31 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 1,237.04 | 997.31 | 239.74 | 5.160 | | |
| 14,700.00 | 6,840.00 | 6,839.30 | 6,727.22 | 238.00 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 1,288.23 | 1,053.59 | 234.65 | 5.490 | | |
| 14,800.00 | 6,840.00 | 6,839.31 | 6,727.23 | 240.68 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 1,344.92 | 1,115.77 | 229.16 | 5.869 | | |
| 14,900.00 | 6,840.00 | 6,839.31 | 6,727.24 | 243.36 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 1,406.45 | 1,182.98 | 223.47 | 6.294 | | |
| 15,000.00 | 6,840.00 | 6,839.32 | 6,727.25 | 246.05 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 1,472.20 | 1,254.45 | 217.75 | 6.761 | | |
| 15,100.00 | 6,840.00 | 6,839.33 | 6,727.26 | 248.74 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 1,541.63 | 1,329.53 | 212.10 | 7.268 | | |
| 15,200.00 | 6,840.00 | 6,839.34 | 6,727.26 | 251.42 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 1,614.28 | 1,407.67 | 206.62 | 7.813 | | |
| 15,300.00 | 6,840.00 | 6,839.35 | 6,727.27 | 254.11 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 1,689.73 | 1,488.39 | 201.34 | 8.392 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 16-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,400.00 | 6,840.00 | 6,839.35 | 6,727.28 | 256.80 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 1,767.61 | 1,571.30 | 196.31 | 9.004 | | |
| 15,500.00 | 6,840.00 | 6,839.36 | 6,727.29 | 259.49 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 1,847.62 | 1,656.09 | 191.53 | 9.647 | | |
| 15,600.00 | 6,840.00 | 6,839.37 | 6,727.30 | 262.17 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 1,929.50 | 1,742.49 | 187.02 | 10.317 | | |
| 15,700.00 | 6,840.00 | 6,839.38 | 6,727.30 | 264.86 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 2,013.02 | 1,830.26 | 182.76 | 11.014 | | |
| 15,800.00 | 6,840.00 | 6,839.39 | 6,727.31 | 267.55 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 2,097.98 | 1,919.22 | 178.76 | 11.736 | | |
| 15,900.00 | 6,840.00 | 6,839.39 | 6,727.32 | 270.25 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 2,184.22 | 2,009.22 | 175.00 | 12.481 | | |
| 16,000.00 | 6,840.00 | 6,839.40 | 6,727.33 | 272.94 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 2,271.58 | 2,100.11 | 171.47 | 13.248 | | |
| 16,100.00 | 6,840.00 | 6,839.41 | 6,727.34 | 275.63 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 2,359.95 | 2,191.80 | 168.15 | 14.035 | | |
| 16,200.00 | 6,840.00 | 6,839.42 | 6,727.34 | 278.32 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 2,449.21 | 2,284.18 | 165.03 | 14.841 | | |
| 16,300.00 | 6,840.00 | 6,839.43 | 6,727.35 | 281.02 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 2,539.27 | 2,377.17 | 162.10 | 15.665 | | |
| 16,400.00 | 6,840.00 | 6,839.43 | 6,727.36 | 283.71 | 28.97 | -89.75 | -2,050.02 | -8,915.98 | 2,630.05 | 2,470.70 | 159.35 | 16.505 | | |
| 16,500.00 | 6,840.00 | 6,839.44 | 6,727.37 | 286.40 | 28.97 | -89.76 | -2,050.02 | -8,915.98 | 2,721.48 | 2,564.72 | 156.75 | 17.361 | | |
| 16,600.00 | 6,840.00 | 6,839.45 | 6,727.37 | 289.10 | 28.97 | -89.76 | -2,050.02 | -8,915.98 | 2,813.48 | 2,659.17 | 154.31 | 18.232 | | |
| 16,700.00 | 6,840.00 | 6,839.46 | 6,727.38 | 291.79 | 28.97 | -89.76 | -2,050.02 | -8,915.98 | 2,906.02 | 2,754.01 | 152.01 | 19.117 | | |
| 16,800.00 | 6,840.00 | 6,839.46 | 6,727.39 | 294.49 | 28.97 | -89.76 | -2,050.02 | -8,915.98 | 2,999.04 | 2,849.20 | 149.84 | 20.015 | | |
| 16,900.00 | 6,840.00 | 6,839.47 | 6,727.40 | 297.19 | 28.97 | -89.76 | -2,050.02 | -8,915.98 | 3,092.49 | 2,944.70 | 147.79 | 20.924 | | |
| 17,000.00 | 6,840.00 | 6,839.48 | 6,727.41 | 299.88 | 28.97 | -89.76 | -2,050.02 | -8,915.98 | 3,186.34 | 3,040.49 | 145.86 | 21.846 | | |
| 17,100.00 | 6,840.00 | 6,839.49 | 6,727.41 | 302.58 | 28.97 | -89.76 | -2,050.02 | -8,915.98 | 3,280.56 | 3,136.53 | 144.03 | 22.778 | | |
| 17,200.00 | 6,840.00 | 6,839.49 | 6,727.42 | 305.28 | 28.97 | -89.76 | -2,050.02 | -8,915.98 | 3,375.10 | 3,232.81 | 142.29 | 23.720 | | |
| 17,300.00 | 6,840.00 | 6,839.50 | 6,727.43 | 307.97 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 3,469.96 | 3,329.31 | 140.65 | 24.672 | | |
| 17,400.00 | 6,840.00 | 6,839.51 | 6,727.44 | 310.67 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 3,565.09 | 3,426.00 | 139.09 | 25.632 | | |
| 17,500.00 | 6,840.00 | 6,839.52 | 6,727.44 | 313.37 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 3,660.48 | 3,522.88 | 137.61 | 26.601 | | |
| 17,600.00 | 6,840.00 | 6,839.52 | 6,727.45 | 316.07 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 3,756.12 | 3,619.92 | 136.20 | 27.578 | | |
| 17,700.00 | 6,840.00 | 6,839.53 | 6,727.46 | 318.77 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 3,851.97 | 3,717.11 | 134.86 | 28.563 | | |
| 17,800.00 | 6,840.00 | 6,839.54 | 6,727.46 | 321.47 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 3,948.03 | 3,814.45 | 133.59 | 29.554 | | |
| 17,900.00 | 6,840.00 | 6,839.55 | 6,727.47 | 324.17 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 4,044.28 | 3,911.91 | 132.37 | 30.552 | | |
| 18,000.00 | 6,840.00 | 6,839.55 | 6,727.48 | 326.87 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 4,140.71 | 4,009.50 | 131.21 | 31.557 | | |
| 18,100.00 | 6,840.00 | 6,839.56 | 6,727.49 | 329.57 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 4,237.31 | 4,107.20 | 130.11 | 32.567 | | |
| 18,200.00 | 6,840.00 | 6,839.57 | 6,727.49 | 332.27 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 4,334.06 | 4,205.00 | 129.06 | 33.583 | | |
| 18,300.00 | 6,840.00 | 6,839.57 | 6,727.50 | 334.97 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 4,430.95 | 4,302.90 | 128.05 | 34.603 | | |
| 18,400.00 | 6,840.00 | 6,839.58 | 6,727.51 | 337.67 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 4,527.98 | 4,400.89 | 127.09 | 35.629 | | |
| 18,500.00 | 6,840.00 | 6,839.59 | 6,727.52 | 340.38 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 4,625.13 | 4,498.97 | 126.16 | 36.660 | | |
| 18,600.00 | 6,840.00 | 6,839.60 | 6,727.52 | 343.08 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 4,722.41 | 4,597.12 | 125.28 | 37.694 | | |
| 18,700.00 | 6,840.00 | 6,839.60 | 6,727.53 | 345.78 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 4,819.79 | 4,695.35 | 124.44 | 38.733 | | |
| 18,800.00 | 6,840.00 | 6,839.61 | 6,727.54 | 348.48 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 4,917.28 | 4,793.66 | 123.63 | 39.775 | | |
| 18,900.00 | 6,840.00 | 6,839.62 | 6,727.54 | 351.19 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 5,014.87 | 4,892.02 | 122.85 | 40.821 | | |
| 19,000.00 | 6,840.00 | 6,839.62 | 6,727.55 | 353.89 | 28.97 | -89.76 | -2,050.03 | -8,915.98 | 5,112.55 | 4,990.45 | 122.10 | 41.871 | | |
| 19,100.00 | 6,840.00 | 6,839.63 | 6,727.56 | 356.59 | 28.97 | -89.77 | -2,050.03 | -8,915.98 | 5,210.32 | 5,088.94 | 121.39 | 42.923 | | |
| 19,200.00 | 6,840.00 | 6,839.64 | 6,727.56 | 359.30 | 28.97 | -89.77 | -2,050.03 | -8,915.98 | 5,308.18 | 5,187.48 | 120.70 | 43.978 | | |
| 19,300.00 | 6,840.00 | 6,839.65 | 6,727.57 | 362.00 | 28.97 | -89.77 | -2,050.03 | -8,915.98 | 5,406.11 | 5,286.07 | 120.04 | 45.036 | | |
| 19,400.00 | 6,840.00 | 6,839.65 | 6,727.58 | 364.71 | 28.97 | -89.77 | -2,050.03 | -8,915.98 | 5,504.12 | 5,384.71 | 119.40 | 46.097 | | |
| 19,500.00 | 6,840.00 | 6,839.66 | 6,727.58 | 367.41 | 28.97 | -89.77 | -2,050.03 | -8,915.98 | 5,602.19 | 5,483.40 | 118.79 | 47.160 | | |
| 19,600.00 | 6,840.00 | 6,839.67 | 6,727.59 | 370.11 | 28.97 | -89.77 | -2,050.03 | -8,915.98 | 5,700.34 | 5,582.13 | 118.20 | 48.225 | | |
| 19,700.00 | 6,840.00 | 6,839.67 | 6,727.60 | 372.82 | 28.97 | -89.77 | -2,050.03 | -8,915.98 | 5,798.54 | 5,680.91 | 117.64 | 49.292 | | |
| 19,800.00 | 6,840.00 | 6,839.68 | 6,727.61 | 375.53 | 28.97 | -89.77 | -2,050.03 | -8,915.98 | 5,896.81 | 5,779.72 | 117.09 | 50.361 | | |
| 19,900.00 | 6,840.00 | 6,839.69 | 6,727.61 | 378.23 | 28.97 | -89.77 | -2,050.03 | -8,915.98 | 5,995.13 | 5,878.57 | 116.56 | 51.432 | | |
| 20,000.00 | 6,840.00 | 6,839.69 | 6,727.62 | 380.94 | 28.97 | -89.77 | -2,050.03 | -8,915.98 | 6,093.51 | 5,977.46 | 116.06 | 52.504 | | |
| 20,100.00 | 6,840.00 | 6,839.70 | 6,727.63 | 383.64 | 28.97 | -89.77 | -2,050.03 | -8,915.98 | 6,191.95 | 6,076.38 | 115.57 | 53.578 | | |
| 20,200.00 | 6,840.00 | 6,839.71 | 6,727.63 | 386.35 | 28.97 | -89.77 | -2,050.03 | -8,915.98 | 6,290.43 | 6,175.33 | 115.10 | 54.653 | | |
| 20,300.00 | 6,840.00 | 6,839.71 | 6,727.64 | 389.05 | 28.97 | -89.77 | -2,050.03 | -8,915.98 | 6,388.95 | 6,274.31 | 114.64 | 55.729 | | |
| 20,400.00 | 6,840.00 | 6,839.72 | 6,727.65 | 391.76 | 28.97 | -89.77 | -2,050.03 | -8,915.98 | 6,487.53 | 6,373.32 | 114.20 | 56.807 | | |
| 20,442.82 | 6,840.00 | 6,839.72 | 6,727.65 | 392.92 | 28.97 | -89.77 | -2,050.03 | -8,915.98 | 6,529.75 | 6,415.73 | 114.02 | 57.268 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 82-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -117.02 | -2,646.49 | -5,188.70 | 5,824.94 | | | | | |
| 100.00 | 100.00 | 49.81 | 49.81 | 0.13 | 0.06 | -117.02 | -2,646.51 | -5,188.65 | 5,824.62 | 5,824.43 | 0.19 | N/A | | |
| 200.00 | 200.00 | 158.87 | 158.87 | 0.49 | 0.37 | -117.03 | -2,646.62 | -5,188.31 | 5,824.39 | 5,823.53 | 0.86 | 6,762.989 | | |
| 274.26 | 274.26 | 216.27 | 216.26 | 0.76 | 0.57 | -117.03 | -2,646.60 | -5,188.19 | 5,824.25 | 5,822.92 | 1.33 | 4,387.488 | | |
| 300.00 | 300.00 | 233.81 | 233.81 | 0.85 | 0.63 | -117.03 | -2,646.59 | -5,188.21 | 5,824.27 | 5,822.79 | 1.48 | 3,935.119 | | |
| 400.00 | 400.00 | 337.81 | 337.81 | 1.21 | 0.99 | -117.03 | -2,646.56 | -5,188.54 | 5,824.53 | 5,822.34 | 2.20 | 2,650.013 | | |
| 500.00 | 500.00 | 457.09 | 457.09 | 1.57 | 1.41 | -117.03 | -2,646.79 | -5,188.25 | 5,824.40 | 5,821.42 | 2.98 | 1,956.061 | | |
| 600.00 | 599.98 | 536.85 | 536.85 | 1.92 | 1.69 | -1.24 | -2,646.99 | -5,188.06 | 5,822.57 | 5,818.96 | 3.61 | 1,614.094 | | |
| 700.00 | 699.84 | 673.29 | 673.28 | 2.26 | 2.18 | -1.25 | -2,647.47 | -5,187.59 | 5,817.21 | 5,812.77 | 4.44 | 1,311.324 | | |
| 800.00 | 799.45 | 788.73 | 788.72 | 2.62 | 2.59 | -1.26 | -2,647.47 | -5,186.57 | 5,807.70 | 5,802.50 | 5.20 | 1,117.749 | | |
| 900.00 | 898.70 | 868.75 | 868.74 | 2.99 | 2.87 | -1.26 | -2,647.16 | -5,186.10 | 5,794.83 | 5,789.00 | 5.83 | 993.577 | | |
| 1,000.00 | 997.47 | 949.14 | 949.13 | 3.39 | 3.15 | -1.27 | -2,647.15 | -5,185.90 | 5,778.95 | 5,772.47 | 6.47 | 892.584 | | |
| 1,100.00 | 1,095.62 | 1,085.11 | 1,085.10 | 3.81 | 3.64 | -1.29 | -2,646.95 | -5,185.16 | 5,759.31 | 5,751.99 | 7.32 | 786.889 | | |
| 1,200.00 | 1,193.06 | 1,200.74 | 1,200.72 | 4.27 | 4.05 | -1.31 | -2,646.46 | -5,184.12 | 5,735.86 | 5,727.76 | 8.09 | 708.673 | | |
| 1,300.00 | 1,289.64 | 1,300.91 | 1,300.88 | 4.77 | 4.40 | -1.33 | -2,646.15 | -5,182.94 | 5,708.83 | 5,700.01 | 8.82 | 647.373 | | |
| 1,400.00 | 1,385.27 | 1,452.86 | 1,452.80 | 5.31 | 4.95 | -1.37 | -2,646.24 | -5,179.63 | 5,677.66 | 5,667.93 | 9.73 | 583.457 | | |
| 1,500.00 | 1,479.82 | 1,526.02 | 1,525.93 | 5.91 | 5.21 | -1.41 | -2,646.59 | -5,177.74 | 5,643.17 | 5,632.80 | 10.37 | 544.270 | | |
| 1,600.00 | 1,573.19 | 1,592.00 | 1,591.89 | 6.55 | 5.45 | -1.44 | -2,647.08 | -5,176.33 | 5,605.94 | 5,594.95 | 10.99 | 510.174 | | |
| 1,700.00 | 1,666.16 | 1,642.34 | 1,642.22 | 7.23 | 5.63 | -1.46 | -2,647.53 | -5,175.56 | 5,568.21 | 5,556.67 | 11.54 | 482.393 | | |
| 1,800.00 | 1,759.13 | 1,687.00 | 1,686.88 | 7.93 | 5.78 | -1.47 | -2,647.93 | -5,175.20 | 5,531.16 | 5,519.07 | 12.09 | 457.681 | | |
| 1,900.00 | 1,852.10 | 1,757.04 | 1,756.92 | 8.64 | 6.02 | -1.48 | -2,648.47 | -5,175.19 | 5,494.67 | 5,481.96 | 12.71 | 432.229 | | |
| 2,000.00 | 1,945.06 | 1,809.34 | 1,809.21 | 9.35 | 6.20 | -1.49 | -2,648.75 | -5,175.63 | 5,458.80 | 5,445.51 | 13.28 | 410.938 | | |
| 2,100.00 | 2,038.03 | 1,856.00 | 1,855.87 | 10.08 | 6.36 | -1.49 | -2,649.00 | -5,176.47 | 5,423.70 | 5,409.86 | 13.84 | 391.893 | | |
| 2,200.00 | 2,131.00 | 2,701.38 | 2,696.47 | 10.81 | 9.33 | -0.94 | -2,580.53 | -5,161.30 | 5,377.20 | 5,360.28 | 16.92 | 317.880 | | |
| 2,300.00 | 2,223.97 | 2,782.91 | 2,777.18 | 11.54 | 9.64 | -0.86 | -2,570.26 | -5,156.06 | 5,329.97 | 5,312.38 | 17.59 | 303.016 | | |
| 2,400.00 | 2,316.94 | 2,862.25 | 2,855.67 | 12.28 | 9.94 | -0.77 | -2,559.75 | -5,151.15 | 5,282.71 | 5,264.44 | 18.26 | 289.276 | | |
| 2,500.00 | 2,409.90 | 2,924.00 | 2,916.73 | 13.02 | 10.18 | -0.70 | -2,551.13 | -5,147.88 | 5,235.85 | 5,216.96 | 18.88 | 277.257 | | |
| 2,600.00 | 2,502.87 | 3,001.69 | 2,993.53 | 13.77 | 10.48 | -0.60 | -2,540.01 | -5,144.22 | 5,189.32 | 5,169.76 | 19.56 | 265.281 | | |
| 2,700.00 | 2,595.84 | 3,072.72 | 3,063.75 | 14.51 | 10.75 | -0.51 | -2,529.81 | -5,141.04 | 5,143.00 | 5,122.77 | 20.22 | 254.322 | | |
| 2,800.00 | 2,688.81 | 3,147.99 | 3,138.18 | 15.26 | 11.05 | -0.41 | -2,519.01 | -5,137.99 | 5,097.00 | 5,076.10 | 20.90 | 243.877 | | |
| 2,900.00 | 2,781.77 | 3,228.34 | 3,217.64 | 16.01 | 11.36 | -0.30 | -2,507.54 | -5,134.80 | 5,051.14 | 5,029.55 | 21.60 | 233.893 | | |
| 3,000.00 | 2,874.74 | 3,298.14 | 3,286.73 | 16.76 | 11.64 | -0.20 | -2,498.02 | -5,132.05 | 5,005.57 | 4,983.31 | 22.26 | 224.838 | | |
| 3,100.00 | 2,967.71 | 3,370.92 | 3,358.85 | 17.52 | 11.92 | -0.11 | -2,488.69 | -5,129.16 | 4,960.32 | 4,937.38 | 22.94 | 216.225 | | |
| 3,200.00 | 3,060.68 | 3,592.61 | 3,578.41 | 18.27 | 12.80 | 0.15 | -2,460.57 | -5,116.93 | 4,913.71 | 4,889.67 | 24.05 | 204.351 | | |
| 3,300.00 | 3,153.65 | 3,741.96 | 3,726.11 | 19.03 | 13.40 | 0.31 | -2,441.84 | -5,105.28 | 4,865.44 | 4,840.51 | 24.93 | 195.159 | | |
| 3,400.00 | 3,246.61 | 3,810.16 | 3,793.52 | 19.78 | 13.68 | 0.39 | -2,433.07 | -5,099.73 | 4,816.94 | 4,791.35 | 25.60 | 188.187 | | |
| 3,500.00 | 3,339.58 | 3,870.00 | 3,852.67 | 20.54 | 13.92 | 0.47 | -2,425.03 | -5,095.56 | 4,769.06 | 4,742.82 | 26.24 | 181.721 | | |
| 3,600.00 | 3,432.55 | 3,898.31 | 3,880.66 | 21.30 | 14.04 | 0.51 | -2,421.07 | -5,093.93 | 4,721.95 | 4,695.14 | 26.81 | 176.111 | | |
| 3,700.00 | 3,525.52 | 3,931.84 | 3,913.81 | 22.06 | 14.18 | 0.56 | -2,416.24 | -5,092.49 | 4,675.89 | 4,648.49 | 27.40 | 170.663 | | |
| 3,800.00 | 3,618.49 | 3,964.00 | 3,945.59 | 22.82 | 14.31 | 0.62 | -2,411.46 | -5,091.57 | 4,630.88 | 4,602.90 | 27.98 | 165.486 | | |
| 3,900.00 | 3,711.45 | 4,009.51 | 3,990.58 | 23.57 | 14.49 | 0.70 | -2,404.61 | -5,090.87 | 4,586.85 | 4,558.24 | 28.61 | 160.319 | | |
| 4,000.00 | 3,804.42 | 4,059.00 | 4,039.52 | 24.33 | 14.69 | 0.79 | -2,397.23 | -5,090.66 | 4,543.75 | 4,514.50 | 29.25 | 155.331 | | |
| 4,100.00 | 3,897.39 | 4,169.43 | 4,148.73 | 25.09 | 15.13 | 1.01 | -2,380.89 | -5,090.39 | 4,500.95 | 4,470.89 | 30.07 | 149.691 | | |
| 4,200.00 | 3,990.36 | 4,277.60 | 4,255.68 | 25.86 | 15.57 | 1.22 | -2,364.73 | -5,089.37 | 4,457.52 | 4,426.64 | 30.88 | 144.355 | | |
| 4,300.00 | 4,083.32 | 4,362.90 | 4,340.01 | 26.62 | 15.92 | 1.40 | -2,351.94 | -5,088.64 | 4,414.19 | 4,382.56 | 31.63 | 139.563 | | |
| 4,400.00 | 4,176.29 | 4,577.72 | 4,552.42 | 27.38 | 16.81 | 1.81 | -2,320.48 | -5,083.04 | 4,369.68 | 4,336.97 | 32.71 | 133.587 | | |
| 4,500.00 | 4,269.26 | 4,715.69 | 4,688.85 | 28.14 | 17.38 | 2.06 | -2,301.21 | -5,075.85 | 4,323.28 | 4,289.70 | 33.58 | 128.761 | | |
| 4,600.00 | 4,362.23 | 4,773.95 | 4,746.46 | 28.90 | 17.62 | 2.16 | -2,293.07 | -5,072.65 | 4,276.70 | 4,242.44 | 34.26 | 124.844 | | |
| 4,700.00 | 4,455.20 | 4,837.58 | 4,809.40 | 29.66 | 17.88 | 2.28 | -2,284.19 | -5,069.70 | 4,230.79 | 4,195.84 | 34.95 | 121.046 | | |
| 4,800.00 | 4,548.16 | 4,931.49 | 4,902.33 | 30.43 | 18.27 | 2.45 | -2,271.41 | -5,065.38 | 4,185.12 | 4,149.40 | 35.72 | 117.171 | | |
| 4,900.00 | 4,641.13 | 5,036.48 | 5,006.26 | 31.19 | 18.71 | 2.64 | -2,257.59 | -5,059.81 | 4,139.02 | 4,102.51 | 36.51 | 113.379 | | |
| 5,000.00 | 4,734.10 | 5,114.45 | 5,083.43 | 31.95 | 19.03 | 2.79 | -2,247.26 | -5,055.79 | 4,093.06 | 4,055.82 | 37.24 | 109.917 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 82-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 5,218.96 | 5,186.89 | 32.71 | 19.46 | 2.98 | -2,233.53 | -5,050.24 | 4,047.06 | 4,009.03 | 38.02 | 106.431 | | |
| 5,200.00 | 4,920.04 | 5,288.00 | 5,255.23 | 33.48 | 19.75 | 3.11 | -2,224.59 | -5,046.19 | 4,000.77 | 3,962.03 | 38.74 | 103.267 | | |
| 5,300.00 | 5,013.00 | 5,322.35 | 5,289.27 | 34.24 | 19.89 | 3.17 | -2,220.40 | -5,044.40 | 3,955.48 | 3,916.09 | 39.39 | 100.416 | | |
| 5,400.00 | 5,105.97 | 5,347.24 | 5,313.99 | 35.00 | 19.98 | 3.22 | -2,217.66 | -5,043.51 | 3,911.71 | 3,871.68 | 40.02 | 97.739 | | |
| 5,500.00 | 5,198.94 | 5,382.00 | 5,348.58 | 35.77 | 20.12 | 3.28 | -2,214.25 | -5,042.82 | 3,869.48 | 3,828.81 | 40.67 | 95.136 | | |
| 5,600.00 | 5,291.91 | 5,382.00 | 5,348.58 | 36.53 | 20.12 | 3.28 | -2,214.25 | -5,042.82 | 3,828.83 | 3,787.59 | 41.25 | 92.825 | | |
| 5,700.00 | 5,384.87 | 5,432.83 | 5,399.26 | 37.29 | 20.31 | 3.35 | -2,210.33 | -5,042.71 | 3,789.40 | 3,747.48 | 41.92 | 90.392 | | |
| 5,800.00 | 5,477.84 | 5,477.00 | 5,443.37 | 38.06 | 20.47 | 3.40 | -2,208.11 | -5,043.26 | 3,751.65 | 3,709.07 | 42.58 | 88.106 | | |
| 5,900.00 | 5,570.81 | 5,532.94 | 5,499.28 | 38.82 | 20.65 | 3.45 | -2,206.70 | -5,044.05 | 3,715.01 | 3,671.77 | 43.25 | 85.902 | | |
| 6,000.00 | 5,663.78 | 5,639.55 | 5,605.89 | 39.59 | 20.99 | 3.49 | -2,206.78 | -5,044.32 | 3,678.49 | 3,634.49 | 44.00 | 83.607 | | |
| 6,100.00 | 5,756.75 | 5,730.52 | 5,696.86 | 40.35 | 21.29 | 3.52 | -2,206.81 | -5,044.25 | 3,641.66 | 3,596.94 | 44.72 | 81.433 | | |
| 6,200.00 | 5,849.71 | 5,819.09 | 5,785.42 | 41.12 | 21.57 | 3.56 | -2,206.83 | -5,044.37 | 3,605.01 | 3,559.57 | 45.44 | 79.342 | | |
| 6,300.00 | 5,942.68 | 5,912.43 | 5,878.77 | 41.88 | 21.87 | 3.60 | -2,206.87 | -5,044.54 | 3,568.40 | 3,522.24 | 46.16 | 77.306 | | |
| 6,400.00 | 6,035.65 | 6,009.39 | 5,975.73 | 42.64 | 22.18 | 3.64 | -2,206.84 | -5,044.68 | 3,531.74 | 3,484.85 | 46.89 | 75.314 | | |
| 6,500.00 | 6,128.62 | 6,101.69 | 6,068.03 | 43.41 | 22.48 | 3.68 | -2,206.82 | -5,044.72 | 3,495.00 | 3,447.38 | 47.62 | 73.386 | | |
| 6,600.00 | 6,221.59 | 6,191.73 | 6,158.07 | 44.17 | 22.77 | 3.72 | -2,206.75 | -5,044.87 | 3,458.34 | 3,409.99 | 48.35 | 71.526 | | |
| 6,700.00 | 6,314.55 | 6,285.99 | 6,252.33 | 44.94 | 23.08 | 3.76 | -2,206.75 | -5,045.04 | 3,421.73 | 3,372.65 | 49.08 | 69.715 | | |
| 6,800.00 | 6,407.52 | 6,327.00 | 6,293.34 | 45.70 | 23.21 | 3.78 | -2,206.72 | -5,045.09 | 3,385.46 | 3,335.72 | 49.74 | 68.060 | | |
| 6,900.00 | 6,499.98 | 6,372.59 | 6,338.92 | 46.49 | 23.36 | -0.98 | -2,206.51 | -5,045.95 | 3,349.30 | 3,298.89 | 50.41 | 66.438 | | |
| 7,000.00 | 6,586.50 | 6,421.00 | 6,387.25 | 47.49 | 23.52 | -9.40 | -2,205.91 | -5,048.64 | 3,303.30 | 3,252.22 | 51.08 | 64.674 | | |
| 7,100.00 | 6,663.58 | 6,421.00 | 6,387.25 | 48.75 | 23.52 | -16.16 | -2,205.91 | -5,048.64 | 3,245.17 | 3,193.57 | 51.60 | 62.887 | | |
| 7,200.00 | 6,728.87 | 6,421.00 | 6,387.25 | 50.23 | 23.52 | -23.17 | -2,205.91 | -5,048.64 | 3,177.26 | 3,125.20 | 52.06 | 61.032 | | |
| 7,300.00 | 6,780.38 | 6,421.00 | 6,387.25 | 51.91 | 23.52 | -31.82 | -2,205.91 | -5,048.64 | 3,101.04 | 3,048.60 | 52.44 | 59.133 | | |
| 7,400.00 | 6,816.56 | 6,458.13 | 6,424.18 | 53.74 | 23.64 | -44.40 | -2,205.24 | -5,052.42 | 3,017.16 | 2,964.31 | 52.85 | 57.091 | | |
| 7,500.00 | 6,836.29 | 6,464.72 | 6,430.70 | 55.65 | 23.66 | -61.08 | -2,205.11 | -5,053.31 | 2,929.53 | 2,876.38 | 53.15 | 55.118 | | |
| 7,600.00 | 6,840.00 | 6,468.43 | 6,434.37 | 57.58 | 23.67 | -74.10 | -2,205.03 | -5,053.84 | 2,840.04 | 2,786.59 | 53.45 | 53.136 | | |
| 7,700.00 | 6,840.00 | 6,471.59 | 6,437.50 | 59.56 | 23.68 | -74.24 | -2,204.97 | -5,054.30 | 2,750.93 | 2,697.08 | 53.85 | 51.087 | | |
| 7,800.00 | 6,840.00 | 6,474.96 | 6,440.82 | 61.60 | 23.69 | -74.38 | -2,204.90 | -5,054.81 | 2,662.58 | 2,608.18 | 54.40 | 48.949 | | |
| 7,900.00 | 6,840.00 | 6,478.56 | 6,444.38 | 63.69 | 23.70 | -74.53 | -2,204.82 | -5,055.38 | 2,575.05 | 2,519.94 | 55.11 | 46.727 | | |
| 8,000.00 | 6,840.00 | 6,516.00 | 6,481.14 | 65.82 | 23.82 | -76.14 | -2,203.95 | -5,062.40 | 2,489.39 | 2,433.35 | 56.04 | 44.425 | | |
| 8,100.00 | 6,840.00 | 6,516.00 | 6,481.14 | 67.99 | 23.82 | -76.14 | -2,203.95 | -5,062.40 | 2,403.58 | 2,346.44 | 57.13 | 42.069 | | |
| 8,200.00 | 6,840.00 | 6,516.00 | 6,481.14 | 70.21 | 23.82 | -76.14 | -2,203.95 | -5,062.40 | 2,318.90 | 2,260.44 | 58.46 | 39.664 | | |
| 8,300.00 | 6,840.00 | 6,516.00 | 6,481.14 | 72.45 | 23.82 | -76.14 | -2,203.95 | -5,062.40 | 2,235.49 | 2,175.45 | 60.04 | 37.231 | | |
| 8,400.00 | 6,840.00 | 6,516.00 | 6,481.14 | 74.73 | 23.82 | -76.14 | -2,203.95 | -5,062.40 | 2,153.50 | 2,091.60 | 61.89 | 34.793 | | |
| 8,500.00 | 6,840.00 | 6,516.00 | 6,481.14 | 77.04 | 23.82 | -76.14 | -2,203.95 | -5,062.40 | 2,073.08 | 2,009.05 | 64.03 | 32.375 | | |
| 8,600.00 | 6,840.00 | 6,516.00 | 6,481.14 | 79.38 | 23.82 | -76.14 | -2,203.95 | -5,062.40 | 1,994.44 | 1,927.97 | 66.48 | 30.001 | | |
| 8,700.00 | 6,840.00 | 6,516.00 | 6,481.14 | 81.74 | 23.82 | -76.14 | -2,203.95 | -5,062.40 | 1,917.79 | 1,848.55 | 69.24 | 27.696 | | |
| 8,800.00 | 6,840.00 | 6,516.00 | 6,481.14 | 84.12 | 23.82 | -76.14 | -2,203.95 | -5,062.40 | 1,843.38 | 1,771.04 | 72.35 | 25.480 | | |
| 8,900.00 | 6,840.00 | 6,516.00 | 6,481.14 | 86.52 | 23.82 | -76.14 | -2,203.95 | -5,062.40 | 1,771.49 | 1,695.70 | 75.79 | 23.373 | | |
| 9,000.00 | 6,840.00 | 6,516.00 | 6,481.14 | 88.94 | 23.82 | -76.14 | -2,203.95 | -5,062.40 | 1,702.44 | 1,622.86 | 79.59 | 21.391 | | |
| 9,100.00 | 6,840.00 | 6,546.68 | 6,510.98 | 91.38 | 23.90 | -77.46 | -2,203.53 | -5,069.53 | 1,635.68 | 1,551.93 | 83.76 | 19.529 | | |
| 9,200.00 | 6,840.00 | 6,554.86 | 6,518.89 | 93.83 | 23.92 | -77.82 | -2,203.53 | -5,071.61 | 1,572.88 | 1,484.62 | 88.26 | 17.820 | | |
| 9,300.00 | 6,840.00 | 6,563.67 | 6,527.39 | 96.30 | 23.95 | -78.20 | -2,203.59 | -5,073.94 | 1,513.94 | 1,420.83 | 93.10 | 16.261 | | |
| 9,400.00 | 6,840.00 | 6,573.19 | 6,536.54 | 98.79 | 23.97 | -78.62 | -2,203.71 | -5,076.56 | 1,459.30 | 1,361.06 | 98.25 | 14.854 | | |
| 9,500.00 | 6,840.00 | 6,583.49 | 6,546.41 | 101.28 | 24.00 | -79.06 | -2,203.92 | -5,079.51 | 1,409.46 | 1,305.82 | 103.64 | 13.600 | | |
| 9,600.00 | 6,840.00 | 6,610.00 | 6,571.62 | 103.79 | 24.08 | -80.22 | -2,204.81 | -5,087.63 | 1,365.12 | 1,255.88 | 109.24 | 12.496 | | |
| 9,700.00 | 6,840.00 | 6,610.00 | 6,571.62 | 106.30 | 24.08 | -80.22 | -2,204.81 | -5,087.63 | 1,326.14 | 1,211.24 | 114.90 | 11.542 | | |
| 9,800.00 | 6,840.00 | 6,610.00 | 6,571.62 | 108.83 | 24.08 | -80.22 | -2,204.81 | -5,087.63 | 1,293.72 | 1,173.23 | 120.50 | 10.736 | | |
| 9,900.00 | 6,840.00 | 6,633.77 | 6,593.94 | 111.37 | 24.13 | -81.25 | -2,206.02 | -5,095.69 | 1,267.86 | 1,141.81 | 126.05 | 10.059 | | |
| 10,000.00 | 6,840.00 | 6,649.75 | 6,608.77 | 113.91 | 24.16 | -81.94 | -2,207.06 | -5,101.58 | 1,249.14 | 1,117.86 | 131.28 | 9.515 | | |
| 10,100.00 | 6,840.00 | 6,667.96 | 6,625.45 | 116.47 | 24.21 | -82.71 | -2,208.45 | -5,108.74 | 1,237.72 | 1,101.60 | 136.12 | 9.093 | | |
| 10,200.00 | 6,840.00 | 6,705.00 | 6,658.65 | 119.03 | 24.29 | -84.26 | -2,211.98 | -5,124.76 | 1,233.89 | 1,093.33 | 140.56 | 8.778 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 82-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,211.69 | 6,840.00 | 6,705.00 | 6,658.65 | 119.33 | 24.29 | -84.26 | -2,211.98 | -5,124.76 | 1,233.83 | 1,092.82 | 141.02 | 8.749 | CC | |
| 10,300.00 | 6,840.00 | 6,725.14 | 6,676.24 | 121.59 | 24.33 | -85.08 | -2,214.11 | -5,134.34 | 1,236.87 | 1,092.55 | 144.33 | 8.570 | | |
| 10,400.00 | 6,840.00 | 6,862.14 | 6,784.80 | 124.17 | 24.56 | -90.13 | -2,225.43 | -5,216.54 | 1,245.29 | 1,097.36 | 147.93 | 8.418 | | |
| 10,500.00 | 6,840.00 | 6,972.31 | 6,857.38 | 126.75 | 24.72 | -93.46 | -2,229.16 | -5,299.15 | 1,253.14 | 1,102.30 | 150.84 | 8.308 | | |
| 10,600.00 | 6,840.00 | 7,075.23 | 6,911.32 | 129.34 | 25.16 | -95.91 | -2,232.92 | -5,386.59 | 1,262.88 | 1,109.26 | 153.62 | 8.221 | | |
| 10,700.00 | 6,840.00 | 7,371.57 | 6,981.53 | 131.93 | 28.22 | -99.06 | -2,233.32 | -5,671.60 | 1,268.75 | 1,112.47 | 156.29 | 8.118 | | |
| 10,800.00 | 6,840.00 | 7,477.60 | 6,982.20 | 134.53 | 29.74 | -99.13 | -2,227.30 | -5,777.45 | 1,263.70 | 1,103.47 | 160.23 | 7.887 | | |
| 10,900.00 | 6,840.00 | 7,556.00 | 6,982.65 | 137.13 | 30.96 | -99.17 | -2,223.39 | -5,855.76 | 1,259.37 | 1,094.99 | 164.38 | 7.661 | | |
| 11,000.00 | 6,840.00 | 7,636.77 | 6,983.10 | 139.73 | 32.34 | -99.21 | -2,220.69 | -5,936.48 | 1,256.65 | 1,088.04 | 168.61 | 7.453 | | |
| 11,073.83 | 6,840.00 | 7,687.24 | 6,983.42 | 141.66 | 33.24 | -99.23 | -2,219.87 | -5,986.94 | 1,255.91 | 1,084.19 | 171.72 | 7.314 | | |
| 11,100.00 | 6,840.00 | 7,704.28 | 6,983.53 | 142.35 | 33.55 | -99.23 | -2,219.83 | -6,003.98 | 1,256.01 | 1,083.20 | 172.81 | 7.268 | | |
| 11,200.00 | 6,840.00 | 7,775.35 | 6,983.99 | 144.96 | 34.88 | -99.24 | -2,220.92 | -6,075.04 | 1,258.04 | 1,081.04 | 177.00 | 7.108 | | |
| 11,300.00 | 6,840.00 | 7,858.57 | 6,984.53 | 147.58 | 36.48 | -99.25 | -2,223.62 | -6,158.21 | 1,261.80 | 1,080.48 | 181.31 | 6.959 | | |
| 11,400.00 | 6,840.00 | 7,949.91 | 6,985.14 | 150.20 | 38.32 | -99.24 | -2,227.41 | -6,249.47 | 1,266.47 | 1,080.68 | 185.79 | 6.817 | | |
| 11,500.00 | 6,840.00 | 8,041.55 | 6,985.53 | 152.83 | 40.23 | -99.22 | -2,231.95 | -6,341.00 | 1,271.90 | 1,081.56 | 190.34 | 6.682 | | |
| 11,600.00 | 6,840.00 | 8,151.45 | 6,985.74 | 155.46 | 42.59 | -99.19 | -2,237.35 | -6,450.77 | 1,277.25 | 1,081.99 | 195.27 | 6.541 | | |
| 11,700.00 | 6,840.00 | 8,263.25 | 6,985.92 | 158.09 | 45.08 | -99.16 | -2,241.66 | -6,562.48 | 1,281.54 | 1,081.25 | 200.29 | 6.398 | | |
| 11,800.00 | 6,840.00 | 8,394.05 | 6,986.30 | 160.73 | 48.07 | -99.15 | -2,245.13 | -6,693.23 | 1,284.79 | 1,079.16 | 205.64 | 6.248 | | |
| 11,900.00 | 6,840.00 | 8,557.14 | 6,986.59 | 163.36 | 51.92 | -99.19 | -2,241.18 | -6,856.25 | 1,282.28 | 1,071.05 | 211.23 | 6.070 | | |
| 12,000.00 | 6,840.00 | 8,645.52 | 6,986.90 | 166.01 | 54.06 | -99.22 | -2,238.09 | -6,944.57 | 1,279.35 | 1,063.22 | 216.13 | 5.919 | | |
| 12,100.00 | 6,840.00 | 8,732.70 | 6,987.23 | 168.65 | 56.18 | -99.25 | -2,235.89 | -7,031.72 | 1,277.40 | 1,056.37 | 221.03 | 5.779 | | |
| 12,200.00 | 6,840.00 | 8,818.20 | 6,987.55 | 171.30 | 58.27 | -99.27 | -2,234.63 | -7,117.21 | 1,276.48 | 1,050.58 | 225.89 | 5.651 | | |
| 12,223.50 | 6,840.00 | 8,837.69 | 6,987.60 | 171.92 | 58.75 | -99.27 | -2,234.50 | -7,136.70 | 1,276.44 | 1,049.41 | 227.03 | 5.622 | | |
| 12,300.00 | 6,840.00 | 8,915.50 | 6,987.70 | 173.94 | 60.68 | -99.27 | -2,234.35 | -7,214.51 | 1,276.68 | 1,045.75 | 230.93 | 5.529 | | |
| 12,400.00 | 6,840.00 | 9,031.68 | 6,987.37 | 176.59 | 63.57 | -99.27 | -2,232.64 | -7,330.67 | 1,275.60 | 1,039.38 | 236.22 | 5.400 | | |
| 12,500.00 | 6,840.00 | 9,128.53 | 6,987.52 | 179.25 | 66.01 | -99.28 | -2,230.87 | -7,427.51 | 1,274.30 | 1,033.00 | 241.29 | 5.281 | | |
| 12,600.00 | 6,840.00 | 9,227.94 | 6,987.67 | 181.90 | 68.52 | -99.30 | -2,229.33 | -7,526.91 | 1,273.26 | 1,026.86 | 246.41 | 5.167 | | |
| 12,700.00 | 6,840.00 | 9,319.27 | 6,987.79 | 184.56 | 70.84 | -99.31 | -2,228.07 | -7,618.23 | 1,272.41 | 1,020.96 | 251.44 | 5.060 | | |
| 12,739.81 | 6,840.00 | 9,354.03 | 6,987.79 | 185.62 | 71.73 | -99.31 | -2,227.83 | -7,652.98 | 1,272.33 | 1,018.91 | 253.42 | 5.021 | | |
| 12,800.00 | 6,840.00 | 9,409.14 | 6,987.84 | 187.22 | 73.14 | -99.31 | -2,227.67 | -7,708.10 | 1,272.45 | 1,015.99 | 256.46 | 4.962 | | |
| 12,900.00 | 6,840.00 | 9,491.07 | 6,988.09 | 189.88 | 75.23 | -99.32 | -2,228.01 | -7,790.03 | 1,273.40 | 1,012.08 | 261.33 | 4.873 | | |
| 13,000.00 | 6,840.00 | 9,578.93 | 6,988.70 | 192.54 | 77.48 | -99.33 | -2,229.86 | -7,877.86 | 1,276.02 | 1,009.75 | 266.27 | 4.792 | | |
| 13,100.00 | 6,840.00 | 9,692.39 | 6,989.18 | 195.20 | 80.40 | -99.33 | -2,231.84 | -7,991.30 | 1,278.28 | 1,006.58 | 271.70 | 4.705 | | |
| 13,200.00 | 6,840.00 | 9,794.81 | 6,989.52 | 197.87 | 83.05 | -99.33 | -2,232.81 | -8,093.72 | 1,279.74 | 1,002.80 | 276.94 | 4.621 | | |
| 13,300.00 | 6,840.00 | 9,900.77 | 6,990.06 | 200.53 | 85.80 | -99.35 | -2,233.71 | -8,199.67 | 1,281.15 | 998.90 | 282.24 | 4.539 | | |
| 13,400.00 | 6,840.00 | 10,007.81 | 6,990.76 | 203.20 | 88.59 | -99.37 | -2,233.92 | -8,306.71 | 1,281.91 | 994.35 | 287.56 | 4.458 | | |
| 13,500.00 | 6,840.00 | 10,116.99 | 6,991.61 | 205.87 | 91.44 | -99.41 | -2,233.47 | -8,415.89 | 1,282.11 | 989.21 | 292.90 | 4.377 | | |
| 13,600.00 | 6,840.00 | 10,244.58 | 6,992.32 | 208.54 | 94.79 | -99.45 | -2,231.12 | -8,543.45 | 1,280.86 | 982.43 | 298.43 | 4.292 | | |
| 13,700.00 | 6,840.00 | 10,348.49 | 6,992.79 | 211.22 | 97.52 | -99.50 | -2,227.47 | -8,647.30 | 1,277.93 | 974.25 | 303.68 | 4.208 | | |
| 13,800.00 | 6,840.00 | 10,443.61 | 6,993.49 | 213.89 | 100.03 | -99.55 | -2,224.69 | -8,742.38 | 1,275.62 | 966.78 | 308.84 | 4.130 | | |
| 13,900.00 | 6,840.00 | 10,544.09 | 6,994.33 | 216.56 | 102.69 | -99.60 | -2,221.66 | -8,842.80 | 1,273.26 | 959.20 | 314.05 | 4.054 | | |
| 14,000.00 | 6,840.00 | 10,618.14 | 6,994.93 | 219.24 | 104.64 | -99.64 | -2,219.87 | -8,916.83 | 1,271.60 | 952.64 | 318.97 | 3.987 | | |
| 14,009.24 | 6,840.00 | 10,623.70 | 6,994.97 | 219.49 | 104.79 | -99.64 | -2,219.83 | -8,922.39 | 1,271.59 | 952.19 | 319.40 | 3.981 | | |
| 14,100.00 | 6,840.00 | 10,679.98 | 6,995.42 | 221.92 | 106.28 | -99.66 | -2,220.31 | -8,978.66 | 1,272.88 | 949.36 | 323.52 | 3.934 | | |
| 14,200.00 | 6,840.00 | 10,769.89 | 6,996.19 | 224.59 | 108.64 | -99.67 | -2,222.58 | -9,068.54 | 1,275.98 | 947.45 | 328.53 | 3.884 | | |
| 14,300.00 | 6,840.00 | 10,862.84 | 6,996.97 | 227.27 | 111.10 | -99.68 | -2,225.56 | -9,161.43 | 1,279.75 | 946.14 | 333.61 | 3.836 | | |
| 14,400.00 | 6,840.00 | 10,998.60 | 6,997.93 | 229.95 | 114.69 | -99.70 | -2,227.97 | -9,297.17 | 1,281.98 | 942.34 | 339.64 | 3.775 | | |
| 14,500.00 | 6,840.00 | 11,109.06 | 6,998.62 | 232.63 | 117.62 | -99.72 | -2,228.35 | -9,407.62 | 1,282.90 | 937.83 | 345.07 | 3.718 | | |
| 14,600.00 | 6,840.00 | 11,199.26 | 6,999.06 | 235.31 | 120.01 | -99.74 | -2,228.27 | -9,497.82 | 1,283.40 | 933.24 | 350.16 | 3.665 | | |
| 14,700.00 | 6,840.00 | 11,299.15 | 6,999.64 | 238.00 | 122.67 | -99.75 | -2,229.37 | -9,597.70 | 1,285.06 | 929.63 | 355.42 | 3.616 | | |
| 14,800.00 | 6,840.00 | 11,425.27 | 7,000.17 | 240.68 | 126.03 | -99.77 | -2,228.94 | -9,723.82 | 1,285.26 | 924.16 | 361.10 | 3.559 | | |
| 14,831.82 | 6,840.00 | 11,446.47 | 7,000.26 | 241.53 | 126.59 | -99.78 | -2,228.70 | -9,745.02 | 1,285.10 | 922.48 | 362.62 | 3.544 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 82-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 14,900.00 | 6,840.00 | 11,486.45 | 7,000.48 | 243.36 | 127.66 | -99.79 | -2,228.92 | -9,784.99 | 1,285.85 | 920.15 | 365.70 | 3.516 | | |
| 15,000.00 | 6,840.00 | 11,544.09 | 7,000.89 | 246.05 | 129.19 | -99.79 | -2,230.79 | -9,842.60 | 1,289.66 | 919.78 | 369.88 | 3.487 | | |
| 15,100.00 | 6,840.00 | 11,599.77 | 7,001.34 | 248.74 | 130.66 | -99.78 | -2,234.51 | -9,898.15 | 1,296.84 | 923.24 | 373.60 | 3.471 | | |
| 15,200.00 | 6,840.00 | 11,718.44 | 7,002.14 | 251.42 | 133.78 | -99.73 | -2,244.55 | -10,016.39 | 1,305.92 | 926.30 | 379.62 | 3.440 | | |
| 15,300.00 | 6,840.00 | 11,956.70 | 7,003.27 | 254.11 | 140.13 | -99.75 | -2,247.45 | -10,254.51 | 1,307.13 | 919.32 | 387.82 | 3.370 | | |
| 15,400.00 | 6,840.00 | 12,079.72 | 7,003.59 | 256.80 | 143.43 | -99.81 | -2,241.33 | -10,377.38 | 1,302.67 | 909.52 | 393.14 | 3.313 | | |
| 15,500.00 | 6,840.00 | 12,178.94 | 7,004.03 | 259.49 | 146.10 | -99.86 | -2,235.81 | -10,476.44 | 1,297.73 | 899.35 | 398.38 | 3.258 | | |
| 15,600.00 | 6,840.00 | 12,257.46 | 7,004.41 | 262.17 | 148.21 | -99.91 | -2,232.10 | -10,554.87 | 1,293.63 | 890.06 | 403.57 | 3.205 | | |
| 15,700.00 | 6,840.00 | 12,342.18 | 7,004.96 | 264.86 | 150.48 | -99.95 | -2,229.43 | -10,639.55 | 1,291.09 | 882.37 | 408.72 | 3.159 | | |
| 15,800.00 | 6,840.00 | 12,442.85 | 7,005.25 | 267.55 | 153.19 | -99.97 | -2,226.97 | -10,740.19 | 1,289.21 | 875.21 | 414.00 | 3.114 | | |
| 15,900.00 | 6,840.00 | 12,547.77 | 7,005.71 | 270.25 | 156.01 | -100.01 | -2,223.92 | -10,845.06 | 1,286.89 | 867.59 | 419.30 | 3.069 | | |
| 16,000.00 | 6,840.00 | 12,641.00 | 7,006.11 | 272.94 | 158.51 | -100.05 | -2,221.24 | -10,938.25 | 1,284.61 | 860.10 | 424.52 | 3.026 | | |
| 16,100.00 | 6,840.00 | 12,727.22 | 7,006.38 | 275.63 | 160.83 | -100.07 | -2,219.50 | -11,024.45 | 1,283.16 | 853.51 | 429.65 | 2.987 | | |
| 16,155.17 | 6,840.00 | 12,771.11 | 7,006.70 | 277.12 | 162.01 | -100.09 | -2,219.00 | -11,068.33 | 1,282.88 | 850.48 | 432.40 | 2.967 | | |
| 16,200.00 | 6,840.00 | 12,803.54 | 7,006.90 | 278.32 | 162.88 | -100.10 | -2,218.97 | -11,100.77 | 1,283.10 | 848.54 | 434.55 | 2.953 | | |
| 16,300.00 | 6,840.00 | 12,875.00 | 7,007.20 | 281.02 | 164.80 | -100.10 | -2,220.06 | -11,172.22 | 1,285.15 | 845.94 | 439.21 | 2.926 | | |
| 16,400.00 | 6,840.00 | 12,942.00 | 7,007.69 | 283.71 | 166.59 | -100.10 | -2,222.58 | -11,239.17 | 1,289.51 | 846.00 | 443.51 | 2.908 | | |
| 16,500.00 | 6,840.00 | 13,019.39 | 7,008.23 | 286.40 | 168.65 | -100.08 | -2,227.18 | -11,316.42 | 1,295.98 | 848.02 | 447.96 | 2.893 | | |
| 16,600.00 | 6,840.00 | 13,114.33 | 7,008.56 | 289.10 | 171.18 | -100.04 | -2,234.24 | -11,411.09 | 1,303.83 | 850.72 | 453.10 | 2.878 | | |
| 16,700.00 | 6,840.00 | 13,203.80 | 7,009.06 | 291.79 | 173.55 | -100.00 | -2,241.12 | -11,500.30 | 1,311.97 | 854.00 | 457.98 | 2.865 | | |
| 16,800.00 | 6,840.00 | 13,315.49 | 7,009.92 | 294.49 | 176.52 | -99.97 | -2,249.93 | -11,611.63 | 1,320.37 | 856.55 | 463.82 | 2.847 | | |
| 16,900.00 | 6,840.00 | 13,480.98 | 7,011.08 | 297.19 | 180.95 | -99.95 | -2,258.19 | -11,776.89 | 1,326.06 | 854.73 | 471.33 | 2.813 | | |
| 17,000.00 | 6,840.00 | 13,624.44 | 7,012.17 | 299.88 | 184.81 | -99.99 | -2,258.22 | -11,920.34 | 1,326.47 | 849.05 | 477.42 | 2.778 | | |
| 17,047.72 | 6,840.00 | 13,665.19 | 7,012.58 | 301.17 | 185.91 | -100.01 | -2,257.85 | -11,961.09 | 1,326.35 | 846.51 | 479.84 | 2.764 | | |
| 17,100.00 | 6,840.00 | 13,711.97 | 7,013.08 | 302.58 | 187.17 | -100.03 | -2,257.66 | -12,007.86 | 1,326.49 | 843.98 | 482.50 | 2.749 | | |
| 17,200.00 | 6,840.00 | 13,809.09 | 7,013.55 | 305.28 | 189.78 | -100.05 | -2,257.52 | -12,104.98 | 1,326.90 | 839.14 | 487.75 | 2.720 | | |
| 17,300.00 | 6,840.00 | 13,892.37 | 7,013.97 | 307.97 | 192.03 | -100.06 | -2,258.13 | -12,188.26 | 1,328.18 | 835.45 | 492.73 | 2.696 | | |
| 17,400.00 | 6,840.00 | 13,982.03 | 7,014.59 | 310.67 | 194.44 | -100.07 | -2,259.67 | -12,277.91 | 1,330.46 | 832.67 | 497.79 | 2.673 | | |
| 17,500.00 | 6,840.00 | 14,073.12 | 7,015.18 | 313.37 | 196.89 | -100.08 | -2,261.90 | -12,368.96 | 1,333.45 | 830.59 | 502.86 | 2.652 | | |
| 17,600.00 | 6,840.00 | 14,182.05 | 7,015.94 | 316.07 | 199.82 | -100.08 | -2,264.59 | -12,477.86 | 1,336.48 | 828.07 | 508.41 | 2.629 | | |
| 17,700.00 | 6,840.00 | 14,288.98 | 7,016.49 | 318.77 | 202.70 | -100.09 | -2,266.43 | -12,584.78 | 1,338.72 | 824.83 | 513.89 | 2.605 | | |
| 17,800.00 | 6,840.00 | 14,381.72 | 7,017.01 | 321.47 | 205.20 | -100.10 | -2,268.20 | -12,677.50 | 1,341.17 | 822.15 | 519.02 | 2.584 | | |
| 17,900.00 | 6,840.00 | 14,485.11 | 7,017.30 | 324.17 | 207.98 | -100.09 | -2,270.49 | -12,780.85 | 1,343.87 | 819.43 | 524.44 | 2.562 | | |
| 18,000.00 | 6,840.00 | 14,588.48 | 7,017.52 | 326.87 | 210.76 | -100.08 | -2,272.07 | -12,884.21 | 1,345.87 | 816.02 | 529.86 | 2.540 | | |
| 18,100.00 | 6,840.00 | 14,682.47 | 7,018.73 | 329.57 | 213.30 | -100.11 | -2,273.87 | -12,978.18 | 1,348.44 | 813.46 | 534.98 | 2.521 | | |
| 18,200.00 | 6,840.00 | 14,809.33 | 7,019.43 | 332.27 | 216.72 | -100.13 | -2,275.62 | -13,105.03 | 1,350.45 | 809.58 | 540.86 | 2.497 | | |
| 18,300.00 | 6,840.00 | 15,004.89 | 7,019.44 | 334.97 | 222.01 | -100.16 | -2,269.64 | -13,300.45 | 1,348.27 | 801.80 | 546.47 | 2.467 | | |
| 18,400.00 | 6,840.00 | 15,142.60 | 7,019.33 | 337.67 | 225.73 | -100.25 | -2,256.91 | -13,437.56 | 1,339.32 | 788.29 | 551.03 | 2.431 | | |
| 18,500.00 | 6,840.00 | 15,214.06 | 7,019.37 | 340.38 | 227.66 | -100.30 | -2,250.63 | -13,508.75 | 1,331.14 | 774.34 | 556.79 | 2.391 | | |
| 18,600.00 | 6,840.00 | 15,308.52 | 7,019.62 | 343.08 | 230.22 | -100.36 | -2,243.45 | -13,602.93 | 1,324.17 | 762.08 | 562.09 | 2.356 | | |
| 18,700.00 | 6,840.00 | 15,391.64 | 7,019.84 | 345.78 | 232.47 | -100.41 | -2,237.85 | -13,685.86 | 1,318.05 | 750.55 | 567.51 | 2.323 | | |
| 18,800.00 | 6,840.00 | 15,469.94 | 7,020.07 | 348.48 | 234.59 | -100.45 | -2,233.68 | -13,764.04 | 1,313.35 | 740.48 | 572.87 | 2.293 | | |
| 18,900.00 | 6,840.00 | 15,542.74 | 7,020.31 | 351.19 | 236.56 | -100.48 | -2,231.14 | -13,836.80 | 1,310.46 | 732.40 | 578.06 | 2.267 | | |
| 19,000.00 | 6,840.00 | 15,624.16 | 7,020.36 | 353.89 | 238.76 | -100.49 | -2,230.10 | -13,918.21 | 1,309.63 | 726.46 | 583.18 | 2.246 | | |
| 19,082.44 | 6,840.00 | 15,701.64 | 7,020.68 | 356.12 | 240.86 | -100.50 | -2,229.41 | -13,995.69 | 1,309.36 | 721.89 | 587.47 | 2.229 | | |
| 19,100.00 | 6,840.00 | 15,715.53 | 7,020.76 | 356.59 | 241.23 | -100.51 | -2,229.35 | -14,009.58 | 1,309.39 | 721.04 | 588.34 | 2.226 | | |
| 19,200.00 | 6,840.00 | 15,798.68 | 7,021.24 | 359.30 | 243.48 | -100.52 | -2,229.76 | -14,092.72 | 1,310.43 | 717.12 | 593.31 | 2.209 | | |
| 19,300.00 | 6,840.00 | 15,893.75 | 7,021.88 | 362.00 | 246.05 | -100.54 | -2,230.85 | -14,187.79 | 1,312.15 | 713.65 | 598.50 | 2.192 | | |
| 19,400.00 | 6,840.00 | 15,989.80 | 7,022.50 | 364.71 | 248.64 | -100.55 | -2,232.46 | -14,283.82 | 1,314.38 | 710.67 | 603.71 | 2.177 | | |
| 19,500.00 | 6,840.00 | 16,127.28 | 7,023.18 | 367.41 | 252.36 | -100.56 | -2,233.41 | -14,421.30 | 1,315.78 | 706.05 | 609.73 | 2.158 | | |
| 19,600.00 | 6,840.00 | 16,225.69 | 7,023.62 | 370.11 | 255.02 | -100.59 | -2,231.85 | -14,519.69 | 1,314.78 | 699.79 | 614.99 | 2.138 | | |
| 19,700.00 | 6,840.00 | 16,322.79 | 7,024.36 | 372.82 | 257.65 | -100.62 | -2,231.01 | -14,616.79 | 1,314.53 | 694.32 | 620.22 | 2.119 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINAL SURVEY | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 82-MWD OWSG | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 19,757.76 | 6,840.00 | 16,377.04 | 7,024.73 | 374.38 | 259.12 | -100.64 | -2,230.57 | -14,671.03 | 1,314.42 | 691.21 | 623.21 | 2.109 | |
| 19,800.00 | 6,840.00 | 16,414.93 | 7,024.98 | 375.53 | 260.15 | -100.65 | -2,230.41 | -14,708.91 | 1,314.49 | 689.12 | 625.37 | 2.102 | |
| 19,900.00 | 6,840.00 | 16,499.29 | 7,025.49 | 378.23 | 262.43 | -100.67 | -2,230.65 | -14,793.27 | 1,315.36 | 685.01 | 630.36 | 2.087 | |
| 20,000.00 | 6,840.00 | 16,588.18 | 7,026.08 | 380.94 | 264.83 | -100.68 | -2,231.97 | -14,882.16 | 1,317.40 | 682.01 | 635.39 | 2.073 | |
| 20,100.00 | 6,840.00 | 16,680.43 | 7,026.72 | 383.64 | 267.32 | -100.69 | -2,233.89 | -14,974.38 | 1,320.04 | 679.57 | 640.48 | 2.061 ES | |
| 20,200.00 | 6,840.00 | 16,730.00 | 7,027.00 | 386.35 | 268.66 | -100.69 | -2,235.15 | -15,023.93 | 1,324.01 | 680.17 | 643.84 | 2.056 SF | |
| 20,300.00 | 6,840.00 | 16,730.00 | 7,027.00 | 389.05 | 268.66 | -100.69 | -2,235.15 | -15,023.93 | 1,334.50 | 691.92 | 642.58 | 2.077 | |
| 20,400.00 | 6,840.00 | 16,730.00 | 7,027.00 | 391.76 | 268.66 | -100.69 | -2,235.15 | -15,023.93 | 1,352.31 | 714.41 | 637.90 | 2.120 | |
| 20,442.82 | 6,840.00 | 16,730.00 | 7,027.00 | 392.92 | 268.66 | -100.69 | -2,235.15 | -15,023.93 | 1,362.12 | 727.19 | 634.93 | 2.145 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT ARENS G 26-19 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -79.30 | 1,685.78 | -8,919.55 | 9,078.38 | | | | | |
| 100.00 | 100.00 | 0.00 | 0.00 | 0.13 | 0.00 | -79.30 | 1,685.78 | -8,919.55 | 9,077.50 | 9,077.37 | 0.13 | N/A | | |
| 129.99 | 129.99 | 0.00 | 0.00 | 0.24 | 0.00 | -79.30 | 1,685.78 | -8,919.55 | 9,077.45 | 9,077.21 | 0.24 | N/A | | |
| 200.00 | 200.00 | 31.52 | 31.52 | 0.49 | 0.03 | -79.30 | 1,685.82 | -8,919.61 | 9,077.60 | 9,077.08 | 0.52 | N/A | | |
| 300.00 | 300.00 | 76.56 | 76.56 | 0.85 | 0.08 | -79.30 | 1,686.04 | -8,919.90 | 9,078.33 | 9,077.40 | 0.92 | 9,816.767 | | |
| 400.00 | 400.00 | 149.89 | 149.88 | 1.21 | 0.16 | -79.29 | 1,686.58 | -8,920.75 | 9,079.58 | 9,078.21 | 1.37 | 6,620.743 | | |
| 500.00 | 500.00 | 267.40 | 267.38 | 1.57 | 0.29 | -79.29 | 1,686.83 | -8,922.21 | 9,080.85 | 9,078.99 | 1.85 | 4,896.423 | | |
| 600.00 | 599.98 | 419.13 | 419.10 | 1.92 | 0.40 | 36.52 | 1,686.87 | -8,923.54 | 9,080.32 | 9,078.01 | 2.31 | 3,928.279 | | |
| 700.00 | 699.84 | 506.66 | 506.63 | 2.26 | 0.45 | 36.57 | 1,686.45 | -8,924.23 | 9,076.79 | 9,074.08 | 2.70 | 3,357.514 | | |
| 800.00 | 799.45 | 599.64 | 599.60 | 2.62 | 0.50 | 36.67 | 1,685.73 | -8,925.06 | 9,070.52 | 9,067.41 | 3.10 | 2,921.758 | | |
| 900.00 | 898.70 | 677.28 | 677.24 | 2.99 | 0.54 | 36.81 | 1,685.06 | -8,925.89 | 9,061.61 | 9,058.11 | 3.50 | 2,586.169 | | |
| 1,000.00 | 997.47 | 808.57 | 808.52 | 3.39 | 0.60 | 37.02 | 1,683.85 | -8,927.28 | 9,049.93 | 9,045.99 | 3.94 | 2,299.335 | | |
| 1,100.00 | 1,095.62 | 878.61 | 878.55 | 3.81 | 0.63 | 37.25 | 1,683.15 | -8,927.99 | 9,035.42 | 9,031.06 | 4.35 | 2,076.652 | | |
| 1,200.00 | 1,193.06 | 978.89 | 978.82 | 4.27 | 0.68 | 37.54 | 1,682.19 | -8,929.19 | 9,018.37 | 9,013.57 | 4.79 | 1,881.099 | | |
| 1,300.00 | 1,289.64 | 1,075.91 | 1,075.83 | 4.77 | 0.72 | 37.88 | 1,681.21 | -8,930.29 | 8,998.54 | 8,993.29 | 5.25 | 1,713.074 | | |
| 1,400.00 | 1,385.27 | 1,179.44 | 1,179.35 | 5.31 | 0.77 | 38.28 | 1,680.15 | -8,931.45 | 8,976.04 | 8,970.30 | 5.73 | 1,565.618 | | |
| 1,500.00 | 1,479.82 | 1,284.97 | 1,284.86 | 5.91 | 0.81 | 38.73 | 1,679.09 | -8,932.51 | 8,950.79 | 8,944.56 | 6.24 | 1,435.283 | | |
| 1,600.00 | 1,573.19 | 1,363.76 | 1,363.65 | 6.55 | 0.84 | 39.14 | 1,678.46 | -8,933.27 | 8,923.02 | 8,916.26 | 6.76 | 1,320.388 | | |
| 1,700.00 | 1,666.16 | 1,459.21 | 1,459.09 | 7.23 | 0.88 | 39.28 | 1,677.87 | -8,934.30 | 8,894.59 | 8,887.29 | 7.30 | 1,219.125 | | |
| 1,800.00 | 1,759.13 | 1,539.62 | 1,539.49 | 7.93 | 0.91 | 39.41 | 1,677.35 | -8,935.11 | 8,866.15 | 8,858.31 | 7.84 | 1,130.666 | | |
| 1,900.00 | 1,852.10 | 1,601.51 | 1,601.38 | 8.64 | 0.93 | 39.50 | 1,677.23 | -8,935.89 | 8,838.07 | 8,829.68 | 8.39 | 1,053.092 | | |
| 2,000.00 | 1,945.06 | 1,709.38 | 1,709.24 | 9.35 | 0.98 | 39.67 | 1,677.00 | -8,937.35 | 8,810.13 | 8,801.16 | 8.97 | 982.347 | | |
| 2,100.00 | 2,038.03 | 1,789.23 | 1,789.08 | 10.08 | 1.01 | 39.79 | 1,676.76 | -8,938.46 | 8,782.25 | 8,772.71 | 9.54 | 920.232 | | |
| 2,200.00 | 2,131.00 | 1,888.93 | 1,888.77 | 10.81 | 1.05 | 39.95 | 1,676.43 | -8,939.89 | 8,754.47 | 8,744.34 | 10.13 | 864.203 | | |
| 2,300.00 | 2,223.97 | 1,949.58 | 1,949.41 | 11.54 | 1.07 | 40.04 | 1,676.07 | -8,940.86 | 8,726.85 | 8,716.14 | 10.71 | 814.670 | | |
| 2,400.00 | 2,316.94 | 2,000.00 | 1,999.82 | 12.28 | 1.09 | 40.12 | 1,675.66 | -8,941.90 | 8,699.69 | 8,688.40 | 11.30 | 770.063 | | |
| 2,500.00 | 2,409.90 | 2,061.61 | 2,061.41 | 13.02 | 1.11 | 40.22 | 1,675.11 | -8,943.47 | 8,672.99 | 8,661.10 | 11.89 | 729.407 | | |
| 2,600.00 | 2,502.87 | 2,129.13 | 2,128.89 | 13.77 | 1.14 | 40.32 | 1,674.51 | -8,945.50 | 8,646.73 | 8,634.24 | 12.49 | 692.331 | | |
| 2,700.00 | 2,595.84 | 2,256.50 | 2,256.19 | 14.51 | 1.19 | 40.51 | 1,672.96 | -8,949.44 | 8,620.60 | 8,607.50 | 13.10 | 657.874 | | |
| 2,800.00 | 2,688.81 | 2,404.34 | 2,403.99 | 15.26 | 1.24 | 40.75 | 1,672.06 | -8,952.76 | 8,593.80 | 8,580.08 | 13.72 | 626.155 | | |
| 2,900.00 | 2,781.77 | 2,485.58 | 2,485.21 | 16.01 | 1.27 | 40.88 | 1,672.08 | -8,954.33 | 8,566.94 | 8,552.60 | 14.34 | 597.468 | | |
| 3,000.00 | 2,874.74 | 2,562.15 | 2,561.77 | 16.76 | 1.30 | 41.01 | 1,672.06 | -8,955.93 | 8,540.28 | 8,525.33 | 14.96 | 571.058 | | |
| 3,100.00 | 2,967.71 | 2,636.31 | 2,635.91 | 17.52 | 1.32 | 41.13 | 1,672.06 | -8,957.65 | 8,513.89 | 8,498.32 | 15.57 | 546.652 | | |
| 3,200.00 | 3,060.68 | 2,713.25 | 2,712.82 | 18.27 | 1.35 | 41.26 | 1,672.24 | -8,959.58 | 8,487.79 | 8,471.59 | 16.20 | 524.004 | | |
| 3,300.00 | 3,153.65 | 2,818.77 | 2,818.31 | 19.03 | 1.39 | 41.43 | 1,672.59 | -8,962.22 | 8,461.76 | 8,444.93 | 16.83 | 502.800 | | |
| 3,400.00 | 3,246.61 | 2,928.60 | 2,928.11 | 19.78 | 1.43 | 41.62 | 1,672.77 | -8,964.80 | 8,435.62 | 8,418.15 | 17.46 | 483.048 | | |
| 3,500.00 | 3,339.58 | 3,550.88 | 3,550.05 | 20.54 | 1.52 | 42.66 | 1,663.33 | -8,958.23 | 8,403.49 | 8,385.50 | 17.99 | 467.162 | | |
| 3,600.00 | 3,432.55 | 3,600.00 | 3,599.11 | 21.30 | 1.52 | 42.74 | 1,661.39 | -8,956.81 | 8,371.80 | 8,353.20 | 18.60 | 450.081 | | |
| 3,700.00 | 3,525.52 | 3,715.70 | 3,714.70 | 22.06 | 1.54 | 42.93 | 1,657.59 | -8,953.40 | 8,340.27 | 8,321.08 | 19.20 | 434.494 | | |
| 3,800.00 | 3,618.49 | 3,814.43 | 3,813.34 | 22.82 | 1.54 | 43.10 | 1,655.17 | -8,950.06 | 8,308.61 | 8,288.81 | 19.80 | 419.671 | | |
| 3,900.00 | 3,711.45 | 3,886.47 | 3,885.31 | 23.57 | 1.55 | 43.22 | 1,652.96 | -8,947.82 | 8,277.10 | 8,256.69 | 20.41 | 405.489 | | |
| 4,000.00 | 3,804.42 | 3,944.05 | 3,942.83 | 24.33 | 1.56 | 43.31 | 1,650.59 | -8,946.37 | 8,245.94 | 8,224.90 | 21.04 | 391.980 | | |
| 4,100.00 | 3,897.39 | 4,258.92 | 4,257.07 | 25.09 | 1.61 | 43.81 | 1,634.14 | -8,936.34 | 8,214.34 | 8,192.77 | 21.57 | 380.820 | | |
| 4,200.00 | 3,990.36 | 4,342.07 | 4,340.03 | 25.86 | 1.62 | 43.94 | 1,630.14 | -8,932.34 | 8,181.06 | 8,158.87 | 22.19 | 368.725 | | |
| 4,300.00 | 4,083.32 | 4,443.36 | 4,441.10 | 26.62 | 1.63 | 44.12 | 1,626.19 | -8,927.25 | 8,147.87 | 8,125.07 | 22.80 | 357.345 | | |
| 4,400.00 | 4,176.29 | 4,530.95 | 4,528.54 | 27.38 | 1.64 | 44.28 | 1,624.26 | -8,922.26 | 8,114.56 | 8,091.13 | 23.42 | 346.410 | | |
| 4,500.00 | 4,269.26 | 4,586.42 | 4,583.90 | 28.14 | 1.64 | 44.39 | 1,622.80 | -8,919.37 | 8,081.64 | 8,057.58 | 24.06 | 335.838 | | |
| 4,600.00 | 4,362.23 | 4,647.26 | 4,644.65 | 28.90 | 1.65 | 44.50 | 1,620.86 | -8,916.57 | 8,049.18 | 8,024.47 | 24.70 | 325.813 | | |
| 4,700.00 | 4,455.20 | 4,700.00 | 4,697.32 | 29.66 | 1.65 | 44.59 | 1,619.31 | -8,914.28 | 8,017.12 | 7,991.77 | 25.35 | 316.227 | | |
| 4,800.00 | 4,548.16 | 4,759.40 | 4,756.65 | 30.43 | 1.66 | 44.70 | 1,617.80 | -8,911.92 | 7,985.54 | 7,959.54 | 26.00 | 307.122 | | |
| 4,900.00 | 4,641.13 | 4,817.68 | 4,814.89 | 31.19 | 1.67 | 44.81 | 1,616.60 | -8,909.85 | 7,954.49 | 7,927.84 | 26.65 | 298.435 | | |
| 5,000.00 | 4,734.10 | 4,901.66 | 4,898.80 | 31.95 | 1.68 | 44.97 | 1,615.13 | -8,906.99 | 7,923.73 | 7,896.43 | 27.30 | 290.246 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT ARENS G 26-19 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,981.24 | 4,978.33 | 32.71 | 1.68 | 45.13 | 1,613.93 | -8,904.32 | 7,893.16 | 7,865.21 | 27.95 | 282.387 | | |
| 5,200.00 | 4,920.04 | 5,097.88 | 5,094.89 | 33.48 | 1.69 | 45.36 | 1,612.36 | -8,900.32 | 7,862.64 | 7,834.05 | 28.59 | 274.998 | | |
| 5,300.00 | 5,013.00 | 5,161.88 | 5,158.84 | 34.24 | 1.70 | 45.49 | 1,611.57 | -8,898.08 | 7,832.17 | 7,802.91 | 29.26 | 267.705 | | |
| 5,400.00 | 5,105.97 | 5,232.31 | 5,229.24 | 35.00 | 1.71 | 45.63 | 1,610.83 | -8,895.84 | 7,802.10 | 7,772.18 | 29.92 | 260.742 | | |
| 5,500.00 | 5,198.94 | 5,314.12 | 5,311.00 | 35.77 | 1.72 | 45.80 | 1,609.97 | -8,893.38 | 7,772.27 | 7,741.68 | 30.59 | 254.100 | | |
| 5,600.00 | 5,291.91 | 5,395.72 | 5,392.57 | 36.53 | 1.73 | 45.96 | 1,608.95 | -8,891.10 | 7,742.65 | 7,711.39 | 31.26 | 247.723 | | |
| 5,700.00 | 5,384.87 | 5,480.34 | 5,477.15 | 37.29 | 1.74 | 46.13 | 1,607.73 | -8,888.88 | 7,713.21 | 7,681.29 | 31.92 | 241.605 | | |
| 5,800.00 | 5,477.84 | 5,556.82 | 5,553.60 | 38.06 | 1.75 | 46.28 | 1,606.51 | -8,887.03 | 7,683.98 | 7,651.38 | 32.60 | 235.698 | | |
| 5,900.00 | 5,570.81 | 5,629.43 | 5,626.18 | 38.82 | 1.76 | 46.43 | 1,605.11 | -8,885.54 | 7,655.06 | 7,621.78 | 33.28 | 230.009 | | |
| 6,000.00 | 5,663.78 | 5,700.00 | 5,696.72 | 39.59 | 1.78 | 46.57 | 1,603.76 | -8,884.29 | 7,626.47 | 7,592.50 | 33.97 | 224.531 | | |
| 6,100.00 | 5,756.75 | 5,757.59 | 5,754.30 | 40.35 | 1.79 | 46.68 | 1,602.68 | -8,883.49 | 7,598.31 | 7,563.65 | 34.66 | 219.226 | | |
| 6,200.00 | 5,849.71 | 5,827.56 | 5,824.25 | 41.12 | 1.81 | 46.82 | 1,601.39 | -8,882.85 | 7,570.63 | 7,535.28 | 35.35 | 214.158 | | |
| 6,300.00 | 5,942.68 | 5,931.51 | 5,928.18 | 41.88 | 1.83 | 47.04 | 1,599.69 | -8,881.83 | 7,543.06 | 7,507.03 | 36.03 | 209.357 | | |
| 6,400.00 | 6,035.65 | 6,034.29 | 6,030.95 | 42.64 | 1.86 | 47.25 | 1,597.88 | -8,880.71 | 7,515.43 | 7,478.72 | 36.71 | 204.714 | | |
| 6,500.00 | 6,128.62 | 6,124.71 | 6,121.35 | 43.41 | 1.88 | 47.43 | 1,596.48 | -8,879.58 | 7,487.81 | 7,450.41 | 37.40 | 200.191 | | |
| 6,600.00 | 6,221.59 | 6,200.00 | 6,196.62 | 44.17 | 1.89 | 47.59 | 1,595.39 | -8,878.75 | 7,460.43 | 7,422.32 | 38.11 | 195.784 | | |
| 6,700.00 | 6,314.55 | 6,270.20 | 6,266.81 | 44.94 | 1.91 | 47.74 | 1,594.40 | -8,878.16 | 7,433.38 | 7,394.57 | 38.81 | 191.520 | | |
| 6,800.00 | 6,407.52 | 6,358.19 | 6,354.79 | 45.70 | 1.93 | 47.92 | 1,593.18 | -8,877.64 | 7,406.65 | 7,367.13 | 39.51 | 187.443 | | |
| 6,900.00 | 6,499.98 | 6,459.40 | 6,455.99 | 46.49 | 1.96 | 44.49 | 1,591.72 | -8,876.99 | 7,378.60 | 7,338.38 | 40.22 | 183.445 | | |
| 7,000.00 | 6,586.50 | 6,535.29 | 6,531.87 | 47.49 | 1.98 | 40.24 | 1,590.68 | -8,876.43 | 7,338.04 | 7,297.00 | 41.03 | 178.830 | | |
| 7,100.00 | 6,663.58 | 6,590.39 | 6,586.96 | 48.75 | 1.99 | 39.77 | 1,589.93 | -8,876.19 | 7,283.71 | 7,241.78 | 41.93 | 173.696 | | |
| 7,200.00 | 6,728.87 | 6,662.66 | 6,659.23 | 50.23 | 2.01 | 42.34 | 1,588.94 | -8,875.99 | 7,217.18 | 7,174.31 | 42.87 | 168.351 | | |
| 7,300.00 | 6,780.38 | 6,722.30 | 6,718.86 | 51.91 | 2.03 | 48.25 | 1,588.11 | -8,875.73 | 7,140.30 | 7,096.48 | 43.82 | 162.934 | | |
| 7,400.00 | 6,816.56 | 6,761.56 | 6,758.12 | 53.74 | 2.04 | 58.87 | 1,587.53 | -8,875.54 | 7,055.52 | 7,010.75 | 44.76 | 157.613 | | |
| 7,500.00 | 6,836.29 | 6,782.69 | 6,779.25 | 55.65 | 2.05 | 76.32 | 1,587.21 | -8,875.43 | 6,965.43 | 6,919.77 | 45.66 | 152.543 | | |
| 7,600.00 | 6,840.00 | 6,786.19 | 6,782.75 | 57.58 | 2.05 | 91.63 | 1,587.16 | -8,875.41 | 6,872.83 | 6,826.34 | 46.50 | 147.818 | | |
| 7,700.00 | 6,840.00 | 6,785.62 | 6,782.18 | 59.56 | 2.05 | 91.62 | 1,587.17 | -8,875.42 | 6,780.10 | 6,732.76 | 47.34 | 143.221 | | |
| 7,800.00 | 6,840.00 | 6,785.05 | 6,781.61 | 61.60 | 2.05 | 91.61 | 1,587.17 | -8,875.42 | 6,687.57 | 6,639.35 | 48.22 | 138.677 | | |
| 7,900.00 | 6,840.00 | 6,784.49 | 6,781.04 | 63.69 | 2.05 | 91.59 | 1,587.18 | -8,875.42 | 6,595.27 | 6,546.12 | 49.15 | 134.190 | | |
| 8,000.00 | 6,840.00 | 6,783.92 | 6,780.47 | 65.82 | 2.05 | 91.58 | 1,587.19 | -8,875.42 | 6,503.19 | 6,453.07 | 50.12 | 129.765 | | |
| 8,100.00 | 6,840.00 | 6,783.35 | 6,779.90 | 67.99 | 2.05 | 91.57 | 1,587.20 | -8,875.43 | 6,411.35 | 6,360.22 | 51.12 | 125.406 | | |
| 8,200.00 | 6,840.00 | 6,782.78 | 6,779.34 | 70.21 | 2.05 | 91.56 | 1,587.21 | -8,875.43 | 6,319.75 | 6,267.57 | 52.18 | 121.117 | | |
| 8,300.00 | 6,840.00 | 6,782.22 | 6,778.77 | 72.45 | 2.05 | 91.54 | 1,587.22 | -8,875.43 | 6,228.42 | 6,175.14 | 53.28 | 116.903 | | |
| 8,400.00 | 6,840.00 | 6,781.65 | 6,778.21 | 74.73 | 2.04 | 91.53 | 1,587.23 | -8,875.44 | 6,137.35 | 6,082.93 | 54.43 | 112.766 | | |
| 8,500.00 | 6,840.00 | 6,781.09 | 6,777.64 | 77.04 | 2.04 | 91.52 | 1,587.24 | -8,875.44 | 6,046.57 | 5,990.95 | 55.62 | 108.709 | | |
| 8,600.00 | 6,840.00 | 6,780.53 | 6,777.08 | 79.38 | 2.04 | 91.50 | 1,587.24 | -8,875.44 | 5,956.08 | 5,899.21 | 56.87 | 104.736 | | |
| 8,700.00 | 6,840.00 | 6,779.96 | 6,776.52 | 81.74 | 2.04 | 91.49 | 1,587.25 | -8,875.44 | 5,865.90 | 5,807.74 | 58.17 | 100.848 | | |
| 8,800.00 | 6,840.00 | 6,779.40 | 6,775.96 | 84.12 | 2.04 | 91.48 | 1,587.26 | -8,875.45 | 5,776.05 | 5,716.53 | 59.52 | 97.048 | | |
| 8,900.00 | 6,840.00 | 6,778.84 | 6,775.40 | 86.52 | 2.04 | 91.47 | 1,587.27 | -8,875.45 | 5,686.53 | 5,625.61 | 60.92 | 93.338 | | |
| 9,000.00 | 6,840.00 | 6,778.28 | 6,774.84 | 88.94 | 2.04 | 91.45 | 1,587.28 | -8,875.45 | 5,597.37 | 5,534.98 | 62.39 | 89.719 | | |
| 9,100.00 | 6,840.00 | 6,777.72 | 6,774.28 | 91.38 | 2.04 | 91.44 | 1,587.29 | -8,875.46 | 5,508.58 | 5,444.67 | 63.91 | 86.191 | | |
| 9,200.00 | 6,840.00 | 6,777.16 | 6,773.72 | 93.83 | 2.04 | 91.43 | 1,587.30 | -8,875.46 | 5,420.18 | 5,354.68 | 65.49 | 82.757 | | |
| 9,300.00 | 6,840.00 | 6,776.61 | 6,773.16 | 96.30 | 2.04 | 91.42 | 1,587.30 | -8,875.46 | 5,332.19 | 5,265.05 | 67.14 | 79.417 | | |
| 9,400.00 | 6,840.00 | 6,776.05 | 6,772.60 | 98.79 | 2.04 | 91.40 | 1,587.31 | -8,875.46 | 5,244.63 | 5,175.78 | 68.85 | 76.171 | | |
| 9,500.00 | 6,840.00 | 6,775.49 | 6,772.05 | 101.28 | 2.04 | 91.39 | 1,587.32 | -8,875.47 | 5,157.52 | 5,086.89 | 70.63 | 73.019 | | |
| 9,600.00 | 6,840.00 | 6,774.94 | 6,771.49 | 103.79 | 2.04 | 91.38 | 1,587.33 | -8,875.47 | 5,070.89 | 4,998.41 | 72.48 | 69.961 | | |
| 9,700.00 | 6,840.00 | 6,774.38 | 6,770.94 | 106.30 | 2.04 | 91.37 | 1,587.34 | -8,875.47 | 4,984.76 | 4,910.36 | 74.40 | 66.998 | | |
| 9,800.00 | 6,840.00 | 6,773.83 | 6,770.38 | 108.83 | 2.04 | 91.35 | 1,587.35 | -8,875.48 | 4,899.16 | 4,822.76 | 76.40 | 64.128 | | |
| 9,900.00 | 6,840.00 | 6,773.27 | 6,769.83 | 111.37 | 2.04 | 91.34 | 1,587.36 | -8,875.48 | 4,814.11 | 4,735.64 | 78.47 | 61.352 | | |
| 10,000.00 | 6,840.00 | 6,772.72 | 6,769.28 | 113.91 | 2.04 | 91.33 | 1,587.36 | -8,875.48 | 4,729.65 | 4,649.03 | 80.62 | 58.668 | | |
| 10,100.00 | 6,840.00 | 6,772.17 | 6,768.72 | 116.47 | 2.04 | 91.32 | 1,587.37 | -8,875.48 | 4,645.80 | 4,562.95 | 82.85 | 56.076 | | |
| 10,200.00 | 6,840.00 | 6,771.62 | 6,768.17 | 119.03 | 2.04 | 91.30 | 1,587.38 | -8,875.49 | 4,562.60 | 4,477.44 | 85.16 | 53.574 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT ARENS G 26-19 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,771.07 | 6,767.62 | 121.59 | 2.04 | 91.29 | 1,587.39 | -8,875.49 | 4,480.09 | 4,392.53 | 87.57 | 51.162 | | |
| 10,400.00 | 6,840.00 | 6,770.52 | 6,767.07 | 124.17 | 2.04 | 91.28 | 1,587.40 | -8,875.49 | 4,398.31 | 4,308.25 | 90.06 | 48.838 | | |
| 10,500.00 | 6,840.00 | 6,769.97 | 6,766.52 | 126.75 | 2.04 | 91.27 | 1,587.41 | -8,875.49 | 4,317.30 | 4,224.65 | 92.64 | 46.602 | | |
| 10,600.00 | 6,840.00 | 6,769.42 | 6,765.98 | 129.34 | 2.04 | 91.26 | 1,587.41 | -8,875.50 | 4,237.09 | 4,141.77 | 95.32 | 44.451 | | |
| 10,700.00 | 6,840.00 | 6,768.87 | 6,765.43 | 131.93 | 2.04 | 91.24 | 1,587.42 | -8,875.50 | 4,157.74 | 4,059.65 | 98.09 | 42.385 | | |
| 10,800.00 | 6,840.00 | 6,768.33 | 6,764.88 | 134.53 | 2.04 | 91.23 | 1,587.43 | -8,875.50 | 4,079.30 | 3,978.34 | 100.97 | 40.402 | | |
| 10,900.00 | 6,840.00 | 6,767.78 | 6,764.34 | 137.13 | 2.04 | 91.22 | 1,587.44 | -8,875.51 | 4,001.83 | 3,897.88 | 103.94 | 38.501 | | |
| 11,000.00 | 6,840.00 | 6,767.24 | 6,763.79 | 139.73 | 2.04 | 91.21 | 1,587.45 | -8,875.51 | 3,925.37 | 3,818.35 | 107.02 | 36.679 | | |
| 11,100.00 | 6,840.00 | 6,766.69 | 6,763.25 | 142.35 | 2.04 | 91.19 | 1,587.46 | -8,875.51 | 3,849.99 | 3,739.79 | 110.20 | 34.936 | | |
| 11,200.00 | 6,840.00 | 6,766.15 | 6,762.70 | 144.96 | 2.04 | 91.18 | 1,587.46 | -8,875.51 | 3,775.75 | 3,662.26 | 113.49 | 33.270 | | |
| 11,300.00 | 6,840.00 | 6,765.60 | 6,762.16 | 147.58 | 2.04 | 91.17 | 1,587.47 | -8,875.52 | 3,702.73 | 3,585.84 | 116.88 | 31.679 | | |
| 11,400.00 | 6,840.00 | 6,765.06 | 6,761.62 | 150.20 | 2.04 | 91.16 | 1,587.48 | -8,875.52 | 3,630.99 | 3,510.60 | 120.39 | 30.161 | | |
| 11,500.00 | 6,840.00 | 6,764.52 | 6,761.08 | 152.83 | 2.04 | 91.15 | 1,587.49 | -8,875.52 | 3,560.61 | 3,436.62 | 123.99 | 28.716 | | |
| 11,600.00 | 6,840.00 | 6,763.98 | 6,760.54 | 155.46 | 2.04 | 91.13 | 1,587.50 | -8,875.52 | 3,491.68 | 3,363.98 | 127.71 | 27.341 | | |
| 11,700.00 | 6,840.00 | 6,763.44 | 6,760.00 | 158.09 | 2.04 | 91.12 | 1,587.50 | -8,875.53 | 3,424.29 | 3,292.76 | 131.52 | 26.035 | | |
| 11,800.00 | 6,840.00 | 6,762.90 | 6,759.46 | 160.73 | 2.04 | 91.11 | 1,587.51 | -8,875.53 | 3,358.52 | 3,223.07 | 135.44 | 24.797 | | |
| 11,900.00 | 6,840.00 | 6,762.36 | 6,758.92 | 163.36 | 2.04 | 91.10 | 1,587.52 | -8,875.53 | 3,294.47 | 3,155.01 | 139.46 | 23.624 | | |
| 12,000.00 | 6,840.00 | 6,761.82 | 6,758.38 | 166.01 | 2.04 | 91.09 | 1,587.53 | -8,875.54 | 3,232.25 | 3,088.68 | 143.56 | 22.515 | | |
| 12,100.00 | 6,840.00 | 6,761.29 | 6,757.84 | 168.65 | 2.04 | 91.07 | 1,587.54 | -8,875.54 | 3,171.96 | 3,024.21 | 147.75 | 21.468 | | |
| 12,200.00 | 6,840.00 | 6,760.75 | 6,757.31 | 171.30 | 2.04 | 91.06 | 1,587.54 | -8,875.54 | 3,113.71 | 2,961.70 | 152.01 | 20.483 | | |
| 12,300.00 | 6,840.00 | 6,760.21 | 6,756.77 | 173.94 | 2.04 | 91.05 | 1,587.55 | -8,875.54 | 3,057.63 | 2,901.28 | 156.34 | 19.557 | | |
| 12,400.00 | 6,840.00 | 6,759.68 | 6,756.24 | 176.59 | 2.04 | 91.04 | 1,587.56 | -8,875.55 | 3,003.82 | 2,843.10 | 160.72 | 18.689 | | |
| 12,500.00 | 6,840.00 | 6,759.15 | 6,755.70 | 179.25 | 2.04 | 91.03 | 1,587.57 | -8,875.55 | 2,952.43 | 2,787.29 | 165.14 | 17.878 | | |
| 12,600.00 | 6,840.00 | 6,758.61 | 6,755.17 | 181.90 | 2.04 | 91.01 | 1,587.58 | -8,875.55 | 2,903.57 | 2,733.99 | 169.58 | 17.122 | | |
| 12,700.00 | 6,840.00 | 6,758.08 | 6,754.64 | 184.56 | 2.04 | 91.00 | 1,587.58 | -8,875.55 | 2,857.38 | 2,683.36 | 174.02 | 16.420 | | |
| 12,800.00 | 6,840.00 | 6,757.55 | 6,754.10 | 187.22 | 2.04 | 90.99 | 1,587.59 | -8,875.56 | 2,813.98 | 2,635.54 | 178.44 | 15.770 | | |
| 12,900.00 | 6,840.00 | 6,757.02 | 6,753.57 | 189.88 | 2.04 | 90.98 | 1,587.60 | -8,875.56 | 2,773.51 | 2,590.69 | 182.82 | 15.170 | | |
| 13,000.00 | 6,840.00 | 6,756.48 | 6,753.04 | 192.54 | 2.04 | 90.97 | 1,587.61 | -8,875.56 | 2,736.10 | 2,548.97 | 187.14 | 14.621 | | |
| 13,100.00 | 6,840.00 | 6,755.95 | 6,752.51 | 195.20 | 2.04 | 90.95 | 1,587.62 | -8,875.56 | 2,701.88 | 2,510.52 | 191.36 | 14.120 | | |
| 13,200.00 | 6,840.00 | 6,755.42 | 6,751.98 | 197.87 | 2.04 | 90.94 | 1,587.62 | -8,875.57 | 2,670.96 | 2,475.51 | 195.45 | 13.665 | | |
| 13,300.00 | 6,840.00 | 6,754.90 | 6,751.45 | 200.53 | 2.04 | 90.93 | 1,587.63 | -8,875.57 | 2,643.46 | 2,444.06 | 199.40 | 13.257 | | |
| 13,400.00 | 6,840.00 | 6,754.37 | 6,750.93 | 203.20 | 2.04 | 90.92 | 1,587.64 | -8,875.57 | 2,619.50 | 2,416.33 | 203.17 | 12.893 | | |
| 13,500.00 | 6,840.00 | 6,753.84 | 6,750.40 | 205.87 | 2.04 | 90.91 | 1,587.65 | -8,875.58 | 2,599.17 | 2,392.44 | 206.73 | 12.573 | | |
| 13,600.00 | 6,840.00 | 6,753.31 | 6,749.87 | 208.54 | 2.04 | 90.89 | 1,587.66 | -8,875.58 | 2,582.55 | 2,372.49 | 210.06 | 12.294 | | |
| 13,700.00 | 6,840.00 | 6,752.79 | 6,749.35 | 211.22 | 2.04 | 90.88 | 1,587.66 | -8,875.58 | 2,569.71 | 2,356.59 | 213.13 | 12.057 | | |
| 13,800.00 | 6,840.00 | 6,752.26 | 6,748.82 | 213.89 | 2.04 | 90.87 | 1,587.67 | -8,875.58 | 2,560.72 | 2,344.81 | 215.91 | 11.860 | | |
| 13,900.00 | 6,840.00 | 6,751.74 | 6,748.30 | 216.56 | 2.04 | 90.86 | 1,587.68 | -8,875.59 | 2,555.62 | 2,337.22 | 218.40 | 11.702 | | |
| 13,980.61 | 6,840.00 | 6,751.32 | 6,747.87 | 218.72 | 2.04 | 90.85 | 1,587.69 | -8,875.59 | 2,554.35 | 2,334.18 | 220.17 | 11.602 CC | | |
| 14,000.00 | 6,840.00 | 6,751.22 | 6,747.77 | 219.24 | 2.04 | 90.85 | 1,587.69 | -8,875.59 | 2,554.42 | 2,333.86 | 220.56 | 11.581 ES | | |
| 14,100.00 | 6,840.00 | 6,750.69 | 6,747.25 | 221.92 | 2.04 | 90.84 | 1,587.70 | -8,875.59 | 2,557.13 | 2,334.73 | 222.40 | 11.498 | | |
| 14,200.00 | 6,840.00 | 6,750.17 | 6,746.73 | 224.59 | 2.04 | 90.82 | 1,587.70 | -8,875.59 | 2,563.75 | 2,339.84 | 223.91 | 11.450 | | |
| 14,300.00 | 6,840.00 | 6,749.65 | 6,746.21 | 227.27 | 2.04 | 90.81 | 1,587.71 | -8,875.60 | 2,574.24 | 2,349.15 | 225.08 | 11.437 SF | | |
| 14,400.00 | 6,840.00 | 6,749.13 | 6,745.69 | 229.95 | 2.04 | 90.80 | 1,587.72 | -8,875.60 | 2,588.54 | 2,362.63 | 225.92 | 11.458 | | |
| 14,500.00 | 6,840.00 | 6,748.61 | 6,745.16 | 232.63 | 2.04 | 90.79 | 1,587.73 | -8,875.60 | 2,606.61 | 2,380.18 | 226.43 | 11.512 | | |
| 14,600.00 | 6,840.00 | 6,748.09 | 6,744.65 | 235.31 | 2.04 | 90.78 | 1,587.73 | -8,875.60 | 2,628.37 | 2,401.74 | 226.63 | 11.598 | | |
| 14,700.00 | 6,840.00 | 6,747.57 | 6,744.13 | 238.00 | 2.04 | 90.77 | 1,587.74 | -8,875.61 | 2,653.71 | 2,427.19 | 226.52 | 11.715 | | |
| 14,800.00 | 6,840.00 | 6,747.05 | 6,743.61 | 240.68 | 2.04 | 90.75 | 1,587.75 | -8,875.61 | 2,682.55 | 2,456.41 | 226.14 | 11.862 | | |
| 14,900.00 | 6,840.00 | 6,746.53 | 6,743.09 | 243.36 | 2.04 | 90.74 | 1,587.76 | -8,875.61 | 2,714.76 | 2,489.27 | 225.49 | 12.040 | | |
| 15,000.00 | 6,840.00 | 6,746.02 | 6,742.57 | 246.05 | 2.04 | 90.73 | 1,587.76 | -8,875.61 | 2,750.24 | 2,525.64 | 224.59 | 12.245 | | |
| 15,100.00 | 6,840.00 | 6,745.50 | 6,742.06 | 248.74 | 2.04 | 90.72 | 1,587.77 | -8,875.62 | 2,788.85 | 2,565.37 | 223.48 | 12.479 | | |
| 15,200.00 | 6,840.00 | 6,744.98 | 6,741.54 | 251.42 | 2.03 | 90.71 | 1,587.78 | -8,875.62 | 2,830.47 | 2,608.30 | 222.17 | 12.740 | | |
| 15,300.00 | 6,840.00 | 6,744.47 | 6,741.03 | 254.11 | 2.03 | 90.70 | 1,587.79 | -8,875.62 | 2,874.96 | 2,654.28 | 220.69 | 13.027 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT ARENS G 26-19 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,400.00 | 6,840.00 | 6,743.95 | 6,740.51 | 256.80 | 2.03 | 90.68 | 1,587.79 | -8,875.62 | 2,922.21 | 2,703.16 | 219.05 | 13.340 | | |
| 15,500.00 | 6,840.00 | 6,743.44 | 6,740.00 | 259.49 | 2.03 | 90.67 | 1,587.80 | -8,875.63 | 2,972.06 | 2,754.78 | 217.28 | 13.679 | | |
| 15,600.00 | 6,840.00 | 6,742.93 | 6,739.49 | 262.17 | 2.03 | 90.66 | 1,587.81 | -8,875.63 | 3,024.40 | 2,809.01 | 215.40 | 14.041 | | |
| 15,700.00 | 6,840.00 | 6,742.42 | 6,738.97 | 264.86 | 2.03 | 90.65 | 1,587.82 | -8,875.63 | 3,079.11 | 2,865.68 | 213.43 | 14.427 | | |
| 15,800.00 | 6,840.00 | 6,741.90 | 6,738.46 | 267.55 | 2.03 | 90.64 | 1,587.82 | -8,875.63 | 3,136.04 | 2,924.66 | 211.38 | 14.836 | | |
| 15,900.00 | 6,840.00 | 6,741.39 | 6,737.95 | 270.25 | 2.03 | 90.63 | 1,587.83 | -8,875.64 | 3,195.09 | 2,985.82 | 209.27 | 15.268 | | |
| 16,000.00 | 6,840.00 | 6,740.88 | 6,737.44 | 272.94 | 2.03 | 90.62 | 1,587.84 | -8,875.64 | 3,256.15 | 3,049.03 | 207.12 | 15.721 | | |
| 16,100.00 | 6,840.00 | 6,740.37 | 6,736.93 | 275.63 | 2.03 | 90.60 | 1,587.85 | -8,875.64 | 3,319.09 | 3,114.15 | 204.94 | 16.196 | | |
| 16,200.00 | 6,840.00 | 6,739.87 | 6,736.42 | 278.32 | 2.03 | 90.59 | 1,587.85 | -8,875.64 | 3,383.82 | 3,181.09 | 202.73 | 16.691 | | |
| 16,300.00 | 6,840.00 | 6,739.36 | 6,735.92 | 281.02 | 2.03 | 90.58 | 1,587.86 | -8,875.65 | 3,450.23 | 3,249.71 | 200.52 | 17.206 | | |
| 16,400.00 | 6,840.00 | 6,738.85 | 6,735.41 | 283.71 | 2.03 | 90.57 | 1,587.87 | -8,875.65 | 3,518.23 | 3,319.92 | 198.31 | 17.741 | | |
| 16,500.00 | 6,840.00 | 6,738.34 | 6,734.90 | 286.40 | 2.03 | 90.56 | 1,587.88 | -8,875.65 | 3,587.73 | 3,391.63 | 196.10 | 18.295 | | |
| 16,600.00 | 6,840.00 | 6,737.84 | 6,734.40 | 289.10 | 2.03 | 90.55 | 1,587.88 | -8,875.65 | 3,658.65 | 3,464.73 | 193.91 | 18.868 | | |
| 16,700.00 | 6,840.00 | 6,737.33 | 6,733.89 | 291.79 | 2.03 | 90.54 | 1,587.89 | -8,875.66 | 3,730.89 | 3,539.15 | 191.74 | 19.458 | | |
| 16,800.00 | 6,840.00 | 6,736.83 | 6,733.39 | 294.49 | 2.03 | 90.52 | 1,587.90 | -8,875.66 | 3,804.39 | 3,614.80 | 189.59 | 20.066 | | |
| 16,900.00 | 6,840.00 | 6,736.32 | 6,732.88 | 297.19 | 2.03 | 90.51 | 1,587.91 | -8,875.66 | 3,879.08 | 3,691.61 | 187.48 | 20.691 | | |
| 17,000.00 | 6,840.00 | 6,735.82 | 6,732.38 | 299.88 | 2.03 | 90.50 | 1,587.91 | -8,875.66 | 3,954.89 | 3,769.50 | 185.39 | 21.333 | | |
| 17,100.00 | 6,840.00 | 6,735.32 | 6,731.87 | 302.58 | 2.03 | 90.49 | 1,587.92 | -8,875.67 | 4,031.75 | 3,848.41 | 183.34 | 21.991 | | |
| 17,200.00 | 6,840.00 | 6,734.81 | 6,731.37 | 305.28 | 2.03 | 90.48 | 1,587.93 | -8,875.67 | 4,109.61 | 3,928.28 | 181.33 | 22.664 | | |
| 17,300.00 | 6,840.00 | 6,734.31 | 6,730.87 | 307.97 | 2.03 | 90.47 | 1,587.94 | -8,875.67 | 4,188.40 | 4,009.05 | 179.35 | 23.353 | | |
| 17,400.00 | 6,840.00 | 6,733.81 | 6,730.37 | 310.67 | 2.03 | 90.46 | 1,587.94 | -8,875.67 | 4,268.09 | 4,090.67 | 177.42 | 24.057 | | |
| 17,500.00 | 6,840.00 | 6,733.31 | 6,729.87 | 313.37 | 2.03 | 90.45 | 1,587.95 | -8,875.68 | 4,348.61 | 4,173.09 | 175.52 | 24.775 | | |
| 17,600.00 | 6,840.00 | 6,732.81 | 6,729.37 | 316.07 | 2.03 | 90.43 | 1,587.96 | -8,875.68 | 4,429.93 | 4,256.26 | 173.67 | 25.508 | | |
| 17,700.00 | 6,840.00 | 6,732.31 | 6,728.87 | 318.77 | 2.03 | 90.42 | 1,587.96 | -8,875.68 | 4,512.00 | 4,340.14 | 171.86 | 26.254 | | |
| 17,800.00 | 6,840.00 | 6,731.81 | 6,728.37 | 321.47 | 2.03 | 90.41 | 1,587.97 | -8,875.68 | 4,594.78 | 4,424.69 | 170.09 | 27.013 | | |
| 17,900.00 | 6,840.00 | 6,731.31 | 6,727.87 | 324.17 | 2.03 | 90.40 | 1,587.98 | -8,875.68 | 4,678.23 | 4,509.87 | 168.37 | 27.786 | | |
| 18,000.00 | 6,840.00 | 6,730.82 | 6,727.38 | 326.87 | 2.03 | 90.39 | 1,587.99 | -8,875.69 | 4,762.32 | 4,595.64 | 166.68 | 28.571 | | |
| 18,100.00 | 6,840.00 | 6,730.32 | 6,726.88 | 329.57 | 2.03 | 90.38 | 1,587.99 | -8,875.69 | 4,847.02 | 4,681.98 | 165.04 | 29.369 | | |
| 18,200.00 | 6,840.00 | 6,729.83 | 6,726.39 | 332.27 | 2.03 | 90.37 | 1,588.00 | -8,875.69 | 4,932.29 | 4,768.85 | 163.44 | 30.178 | | |
| 18,300.00 | 6,840.00 | 6,729.33 | 6,725.89 | 334.97 | 2.03 | 90.36 | 1,588.01 | -8,875.69 | 5,018.10 | 4,856.22 | 161.88 | 31.000 | | |
| 18,400.00 | 6,840.00 | 6,728.84 | 6,725.40 | 337.67 | 2.03 | 90.35 | 1,588.02 | -8,875.70 | 5,104.42 | 4,944.07 | 160.35 | 31.832 | | |
| 18,500.00 | 6,840.00 | 6,728.34 | 6,724.90 | 340.38 | 2.03 | 90.33 | 1,588.02 | -8,875.70 | 5,191.24 | 5,032.37 | 158.87 | 32.676 | | |
| 18,600.00 | 6,840.00 | 6,727.85 | 6,724.41 | 343.08 | 2.03 | 90.32 | 1,588.03 | -8,875.70 | 5,278.53 | 5,121.11 | 157.42 | 33.531 | | |
| 18,700.00 | 6,840.00 | 6,727.36 | 6,723.92 | 345.78 | 2.03 | 90.31 | 1,588.04 | -8,875.70 | 5,366.26 | 5,210.24 | 156.01 | 34.396 | | |
| 18,800.00 | 6,840.00 | 6,726.86 | 6,723.42 | 348.48 | 2.03 | 90.30 | 1,588.04 | -8,875.71 | 5,454.41 | 5,299.77 | 154.64 | 35.271 | | |
| 18,900.00 | 6,840.00 | 6,726.37 | 6,722.93 | 351.19 | 2.03 | 90.29 | 1,588.05 | -8,875.71 | 5,542.96 | 5,389.66 | 153.30 | 36.156 | | |
| 19,000.00 | 6,840.00 | 6,725.88 | 6,722.44 | 353.89 | 2.03 | 90.28 | 1,588.06 | -8,875.71 | 5,631.90 | 5,479.90 | 152.00 | 37.051 | | |
| 19,100.00 | 6,840.00 | 6,725.39 | 6,721.95 | 356.59 | 2.03 | 90.27 | 1,588.06 | -8,875.71 | 5,721.20 | 5,570.47 | 150.73 | 37.956 | | |
| 19,200.00 | 6,840.00 | 6,724.90 | 6,721.46 | 359.30 | 2.03 | 90.26 | 1,588.07 | -8,875.72 | 5,810.85 | 5,661.35 | 149.50 | 38.869 | | |
| 19,300.00 | 6,840.00 | 6,724.41 | 6,720.97 | 362.00 | 2.03 | 90.25 | 1,588.08 | -8,875.72 | 5,900.83 | 5,752.54 | 148.29 | 39.792 | | |
| 19,400.00 | 6,840.00 | 6,723.92 | 6,720.49 | 364.71 | 2.03 | 90.24 | 1,588.09 | -8,875.72 | 5,991.13 | 5,844.01 | 147.12 | 40.723 | | |
| 19,500.00 | 6,840.00 | 6,723.44 | 6,720.00 | 367.41 | 2.03 | 90.22 | 1,588.09 | -8,875.72 | 6,081.74 | 5,935.76 | 145.98 | 41.662 | | |
| 19,600.00 | 6,840.00 | 6,722.95 | 6,719.51 | 370.11 | 2.03 | 90.21 | 1,588.10 | -8,875.72 | 6,172.63 | 6,027.77 | 144.86 | 42.610 | | |
| 19,700.00 | 6,840.00 | 6,722.46 | 6,719.02 | 372.82 | 2.03 | 90.20 | 1,588.11 | -8,875.73 | 6,263.80 | 6,120.03 | 143.78 | 43.566 | | |
| 19,800.00 | 6,840.00 | 6,721.98 | 6,718.54 | 375.53 | 2.03 | 90.19 | 1,588.11 | -8,875.73 | 6,355.24 | 6,212.52 | 142.72 | 44.530 | | |
| 19,900.00 | 6,840.00 | 6,721.49 | 6,718.05 | 378.23 | 2.03 | 90.18 | 1,588.12 | -8,875.73 | 6,446.93 | 6,305.24 | 141.69 | 45.501 | | |
| 20,000.00 | 6,840.00 | 6,721.01 | 6,717.57 | 380.94 | 2.03 | 90.17 | 1,588.13 | -8,875.73 | 6,538.87 | 6,398.18 | 140.68 | 46.479 | | |
| 20,100.00 | 6,840.00 | 6,720.52 | 6,717.09 | 383.64 | 2.03 | 90.16 | 1,588.13 | -8,875.74 | 6,631.03 | 6,491.33 | 139.70 | 47.465 | | |
| 20,200.00 | 6,840.00 | 6,720.04 | 6,716.60 | 386.35 | 2.03 | 90.15 | 1,588.14 | -8,875.74 | 6,723.43 | 6,584.68 | 138.75 | 48.457 | | |
| 20,300.00 | 6,840.00 | 6,719.56 | 6,716.12 | 389.05 | 2.03 | 90.14 | 1,588.15 | -8,875.74 | 6,816.03 | 6,678.22 | 137.82 | 49.457 | | |
| 20,400.00 | 6,840.00 | 6,719.08 | 6,715.64 | 391.76 | 2.03 | 90.13 | 1,588.16 | -8,875.74 | 6,908.85 | 6,771.94 | 136.91 | 50.463 | | |
| 20,442.82 | 6,840.00 | 6,718.87 | 6,715.43 | 392.92 | 2.03 | 90.12 | 1,588.16 | -8,875.74 | 6,948.65 | 6,812.12 | 136.53 | 50.896 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -96.81 | -1,102.85 | -9,236.68 | 9,303.11 | | | | | |
| 100.00 | 100.00 | 0.00 | 0.00 | 0.13 | 0.00 | -96.81 | -1,102.85 | -9,236.68 | 9,302.32 | 9,302.18 | 0.13 | N/A | | |
| 143.86 | 143.86 | 19.86 | 19.86 | 0.29 | 0.03 | -96.81 | -1,102.85 | -9,236.68 | 9,302.29 | 9,301.96 | 0.32 | N/A | | |
| 200.00 | 200.00 | 76.00 | 76.00 | 0.49 | 0.12 | -96.81 | -1,102.85 | -9,236.68 | 9,302.29 | 9,301.67 | 0.62 | N/A | | |
| 300.00 | 300.00 | 176.00 | 176.00 | 0.85 | 0.43 | -96.81 | -1,102.85 | -9,236.68 | 9,302.29 | 9,301.00 | 1.29 | 7,238.454 | | |
| 400.00 | 400.00 | 276.00 | 276.00 | 1.21 | 0.79 | -96.81 | -1,102.85 | -9,236.68 | 9,302.29 | 9,300.29 | 2.00 | 4,646.349 | | |
| 500.00 | 500.00 | 376.00 | 376.00 | 1.57 | 1.15 | -96.81 | -1,102.85 | -9,236.68 | 9,302.29 | 9,299.57 | 2.72 | 3,421.208 | | |
| 600.00 | 599.98 | 475.98 | 475.98 | 1.92 | 1.51 | 19.00 | -1,102.85 | -9,236.68 | 9,300.64 | 9,297.21 | 3.42 | 2,716.098 | | |
| 700.00 | 699.84 | 575.84 | 575.84 | 2.26 | 1.87 | 19.04 | -1,102.85 | -9,236.68 | 9,295.69 | 9,291.56 | 4.13 | 2,253.212 | | |
| 800.00 | 799.45 | 675.45 | 675.45 | 2.62 | 2.22 | 19.12 | -1,102.85 | -9,236.68 | 9,287.45 | 9,282.62 | 4.83 | 1,921.638 | | |
| 900.00 | 898.70 | 774.70 | 774.70 | 2.99 | 2.58 | 19.22 | -1,102.85 | -9,236.68 | 9,275.93 | 9,270.38 | 5.55 | 1,672.700 | | |
| 1,000.00 | 997.47 | 873.47 | 873.47 | 3.39 | 2.93 | 19.35 | -1,102.85 | -9,236.68 | 9,261.14 | 9,254.88 | 6.26 | 1,478.882 | | |
| 1,100.00 | 1,095.62 | 971.62 | 971.62 | 3.81 | 3.29 | 19.51 | -1,102.85 | -9,236.68 | 9,243.11 | 9,236.13 | 6.98 | 1,323.565 | | |
| 1,200.00 | 1,193.06 | 1,069.06 | 1,069.06 | 4.27 | 3.64 | 19.70 | -1,102.85 | -9,236.68 | 9,221.86 | 9,214.15 | 7.71 | 1,196.161 | | |
| 1,300.00 | 1,289.64 | 1,165.64 | 1,165.64 | 4.77 | 3.98 | 19.93 | -1,102.85 | -9,236.68 | 9,197.42 | 9,188.98 | 8.44 | 1,089.621 | | |
| 1,400.00 | 1,385.27 | 1,261.27 | 1,261.27 | 5.31 | 4.32 | 20.19 | -1,102.85 | -9,236.68 | 9,169.82 | 9,160.64 | 9.18 | 999.084 | | |
| 1,500.00 | 1,479.82 | 1,355.82 | 1,355.82 | 5.91 | 4.66 | 20.48 | -1,102.85 | -9,236.68 | 9,139.09 | 9,129.17 | 9.92 | 921.093 | | |
| 1,600.00 | 1,573.19 | 1,449.19 | 1,449.19 | 6.55 | 5.00 | 20.76 | -1,102.85 | -9,236.68 | 9,105.34 | 9,094.67 | 10.68 | 852.893 | | |
| 1,700.00 | 1,666.16 | 1,542.16 | 1,542.16 | 7.23 | 5.33 | 20.84 | -1,102.85 | -9,236.68 | 9,070.61 | 9,059.18 | 11.43 | 793.910 | | |
| 1,800.00 | 1,759.13 | 1,635.13 | 1,635.13 | 7.93 | 5.66 | 20.93 | -1,102.85 | -9,236.68 | 9,035.89 | 9,023.71 | 12.18 | 741.686 | | |
| 1,900.00 | 1,852.10 | 1,728.10 | 1,728.10 | 8.64 | 6.00 | 21.01 | -1,102.85 | -9,236.68 | 9,001.19 | 8,988.24 | 12.95 | 695.208 | | |
| 2,000.00 | 1,945.06 | 1,821.06 | 1,821.06 | 9.35 | 6.33 | 21.09 | -1,102.85 | -9,236.68 | 8,966.51 | 8,952.79 | 13.72 | 653.634 | | |
| 2,100.00 | 2,038.03 | 1,914.03 | 1,914.03 | 10.08 | 6.66 | 21.18 | -1,102.85 | -9,236.68 | 8,931.84 | 8,917.35 | 14.49 | 616.267 | | |
| 2,200.00 | 2,131.00 | 2,007.00 | 2,007.00 | 10.81 | 7.00 | 21.26 | -1,102.85 | -9,236.68 | 8,897.19 | 8,881.92 | 15.27 | 582.529 | | |
| 2,300.00 | 2,223.97 | 2,100.03 | 2,099.97 | 11.54 | 7.33 | 21.35 | -1,102.85 | -9,236.68 | 8,862.56 | 8,846.50 | 16.06 | 551.929 | | |
| 2,400.00 | 2,316.94 | 2,207.06 | 2,192.94 | 12.28 | 7.71 | 21.43 | -1,102.85 | -9,236.68 | 8,827.95 | 8,811.05 | 16.90 | 522.514 | | |
| 2,500.00 | 2,409.90 | 2,285.90 | 2,285.90 | 13.02 | 8.00 | 21.52 | -1,102.85 | -9,236.68 | 8,793.35 | 8,775.72 | 17.63 | 498.633 | | |
| 2,600.00 | 2,502.87 | 2,378.87 | 2,378.87 | 13.77 | 8.33 | 21.61 | -1,102.85 | -9,236.68 | 8,758.77 | 8,740.35 | 18.43 | 475.293 | | |
| 2,700.00 | 2,595.84 | 2,471.84 | 2,471.84 | 14.51 | 8.66 | 21.70 | -1,102.85 | -9,236.68 | 8,724.21 | 8,704.99 | 19.22 | 453.818 | | |
| 2,800.00 | 2,688.81 | 2,564.81 | 2,564.81 | 15.26 | 9.00 | 21.79 | -1,102.85 | -9,236.68 | 8,689.67 | 8,669.65 | 20.02 | 433.999 | | |
| 2,900.00 | 2,781.77 | 2,657.77 | 2,657.77 | 16.01 | 9.33 | 21.87 | -1,102.85 | -9,236.68 | 8,655.15 | 8,634.33 | 20.82 | 415.656 | | |
| 3,000.00 | 2,874.74 | 2,750.74 | 2,750.74 | 16.76 | 9.66 | 21.97 | -1,102.85 | -9,236.68 | 8,620.65 | 8,599.03 | 21.63 | 398.632 | | |
| 3,100.00 | 2,967.71 | 2,843.71 | 2,843.71 | 17.52 | 10.00 | 22.06 | -1,102.85 | -9,236.68 | 8,586.17 | 8,563.74 | 22.43 | 382.793 | | |
| 3,200.00 | 3,060.68 | 2,936.68 | 2,936.68 | 18.27 | 10.33 | 22.15 | -1,102.85 | -9,236.68 | 8,551.71 | 8,528.47 | 23.24 | 368.022 | | |
| 3,300.00 | 3,153.65 | 3,029.65 | 3,029.65 | 19.03 | 10.66 | 22.24 | -1,102.85 | -9,236.68 | 8,517.26 | 8,493.22 | 24.05 | 354.215 | | |
| 3,400.00 | 3,246.61 | 3,122.61 | 3,122.61 | 19.78 | 11.00 | 22.33 | -1,102.85 | -9,236.68 | 8,482.84 | 8,457.98 | 24.86 | 341.283 | | |
| 3,500.00 | 3,339.58 | 3,215.58 | 3,215.58 | 20.54 | 11.33 | 22.43 | -1,102.85 | -9,236.68 | 8,448.44 | 8,422.77 | 25.67 | 329.146 | | |
| 3,600.00 | 3,432.55 | 3,308.55 | 3,308.55 | 21.30 | 11.66 | 22.52 | -1,102.85 | -9,236.68 | 8,414.06 | 8,387.57 | 26.48 | 317.734 | | |
| 3,700.00 | 3,525.52 | 3,401.52 | 3,401.52 | 22.06 | 12.00 | 22.62 | -1,102.85 | -9,236.68 | 8,379.69 | 8,352.40 | 27.30 | 306.985 | | |
| 3,800.00 | 3,618.49 | 3,505.51 | 3,494.49 | 22.82 | 12.37 | 22.71 | -1,102.85 | -9,236.68 | 8,345.35 | 8,317.20 | 28.15 | 296.425 | | |
| 3,900.00 | 3,711.45 | 3,587.45 | 3,587.45 | 23.57 | 12.66 | 22.81 | -1,102.85 | -9,236.68 | 8,311.04 | 8,282.10 | 28.93 | 287.258 | | |
| 4,000.00 | 3,804.42 | 3,680.42 | 3,680.42 | 24.33 | 13.00 | 22.91 | -1,102.85 | -9,236.68 | 8,276.74 | 8,246.99 | 29.75 | 278.187 | | |
| 4,100.00 | 3,897.39 | 3,773.39 | 3,773.39 | 25.09 | 13.33 | 23.01 | -1,102.85 | -9,236.68 | 8,242.46 | 8,211.89 | 30.57 | 269.589 | | |
| 4,200.00 | 3,990.36 | 3,866.36 | 3,866.36 | 25.86 | 13.66 | 23.11 | -1,102.85 | -9,236.68 | 8,208.21 | 8,176.81 | 31.40 | 261.429 | | |
| 4,300.00 | 4,083.32 | 3,959.32 | 3,959.32 | 26.62 | 14.00 | 23.21 | -1,102.85 | -9,236.68 | 8,173.98 | 8,141.76 | 32.22 | 253.675 | | |
| 4,400.00 | 4,176.29 | 4,052.29 | 4,052.29 | 27.38 | 14.33 | 23.31 | -1,102.85 | -9,236.68 | 8,139.77 | 8,106.73 | 33.05 | 246.298 | | |
| 4,500.00 | 4,269.26 | 4,145.26 | 4,145.26 | 28.14 | 14.66 | 23.41 | -1,102.85 | -9,236.68 | 8,105.59 | 8,071.71 | 33.88 | 239.270 | | |
| 4,600.00 | 4,362.23 | 4,238.23 | 4,238.23 | 28.90 | 15.00 | 23.51 | -1,102.85 | -9,236.68 | 8,071.43 | 8,036.72 | 34.71 | 232.567 | | |
| 4,700.00 | 4,455.20 | 4,331.20 | 4,331.20 | 29.66 | 15.33 | 23.62 | -1,102.85 | -9,236.68 | 8,037.29 | 8,001.75 | 35.54 | 226.169 | | |
| 4,800.00 | 4,548.16 | 4,424.16 | 4,424.16 | 30.43 | 15.66 | 23.72 | -1,102.85 | -9,236.68 | 8,003.18 | 7,966.81 | 36.37 | 220.054 | | |
| 4,900.00 | 4,641.13 | 4,517.13 | 4,517.13 | 31.19 | 16.00 | 23.83 | -1,102.85 | -9,236.68 | 7,969.09 | 7,931.89 | 37.20 | 214.205 | | |
| 5,000.00 | 4,734.10 | 4,610.10 | 4,610.10 | 31.95 | 16.33 | 23.93 | -1,102.85 | -9,236.68 | 7,935.02 | 7,896.98 | 38.04 | 208.604 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,703.07 | 4,703.07 | 32.71 | 16.66 | 24.04 | -1,102.85 | -9,236.68 | 7,900.98 | 7,862.11 | 38.88 | 203.237 | | |
| 5,200.00 | 4,920.04 | 4,803.96 | 4,796.04 | 33.48 | 17.02 | 24.15 | -1,102.85 | -9,236.68 | 7,866.97 | 7,827.23 | 39.74 | 197.947 | | |
| 5,300.00 | 5,013.00 | 4,889.00 | 4,889.00 | 34.24 | 17.33 | 24.26 | -1,102.85 | -9,236.68 | 7,832.98 | 7,792.43 | 40.55 | 193.146 | | |
| 5,400.00 | 5,105.97 | 4,981.97 | 4,981.97 | 35.00 | 17.66 | 24.37 | -1,102.85 | -9,236.68 | 7,799.02 | 7,757.62 | 41.40 | 188.398 | | |
| 5,500.00 | 5,198.94 | 5,074.94 | 5,074.94 | 35.77 | 18.00 | 24.48 | -1,102.85 | -9,236.68 | 7,765.08 | 7,722.84 | 42.24 | 183.833 | | |
| 5,600.00 | 5,291.91 | 5,167.91 | 5,167.91 | 36.53 | 18.33 | 24.59 | -1,102.85 | -9,236.68 | 7,731.17 | 7,688.08 | 43.08 | 179.440 | | |
| 5,700.00 | 5,384.87 | 5,260.87 | 5,260.87 | 37.29 | 18.66 | 24.70 | -1,102.85 | -9,236.68 | 7,697.29 | 7,653.35 | 43.93 | 175.210 | | |
| 5,800.00 | 5,477.84 | 5,353.84 | 5,353.84 | 38.06 | 18.99 | 24.82 | -1,102.85 | -9,236.68 | 7,663.43 | 7,618.65 | 44.78 | 171.135 | | |
| 5,900.00 | 5,570.81 | 5,446.81 | 5,446.81 | 38.82 | 19.33 | 24.93 | -1,102.85 | -9,236.68 | 7,629.60 | 7,583.97 | 45.63 | 167.206 | | |
| 6,000.00 | 5,663.78 | 5,539.78 | 5,539.78 | 39.59 | 19.66 | 25.05 | -1,102.85 | -9,236.68 | 7,595.80 | 7,549.32 | 46.48 | 163.415 | | |
| 6,100.00 | 5,756.75 | 5,632.75 | 5,632.75 | 40.35 | 19.99 | 25.16 | -1,102.85 | -9,236.68 | 7,562.03 | 7,514.69 | 47.34 | 159.755 | | |
| 6,200.00 | 5,849.71 | 5,725.71 | 5,725.71 | 41.12 | 20.33 | 25.28 | -1,102.85 | -9,236.68 | 7,528.28 | 7,480.09 | 48.19 | 156.220 | | |
| 6,300.00 | 5,942.68 | 5,818.68 | 5,818.68 | 41.88 | 20.66 | 25.40 | -1,102.85 | -9,236.68 | 7,494.57 | 7,445.52 | 49.05 | 152.803 | | |
| 6,400.00 | 6,035.65 | 5,911.65 | 5,911.65 | 42.64 | 20.99 | 25.52 | -1,102.85 | -9,236.68 | 7,460.88 | 7,410.98 | 49.91 | 149.499 | | |
| 6,500.00 | 6,128.62 | 6,004.62 | 6,004.62 | 43.41 | 21.33 | 25.64 | -1,102.85 | -9,236.68 | 7,427.23 | 7,376.46 | 50.77 | 146.302 | | |
| 6,600.00 | 6,221.59 | 6,102.42 | 6,097.59 | 44.17 | 21.68 | 25.76 | -1,102.85 | -9,236.68 | 7,393.60 | 7,341.96 | 51.65 | 143.160 | | |
| 6,700.00 | 6,314.55 | 6,209.45 | 6,190.55 | 44.94 | 22.06 | 25.89 | -1,102.85 | -9,236.68 | 7,360.01 | 7,307.45 | 52.56 | 140.030 | | |
| 6,800.00 | 6,407.52 | 6,283.52 | 6,283.52 | 45.70 | 22.33 | 26.01 | -1,102.85 | -9,236.68 | 7,326.45 | 7,273.09 | 53.36 | 137.306 | | |
| 6,900.00 | 6,499.98 | 6,375.98 | 6,375.98 | 46.49 | 22.66 | 21.98 | -1,102.85 | -9,236.68 | 7,291.54 | 7,237.32 | 54.23 | 134.462 | | |
| 7,000.00 | 6,586.50 | 6,462.50 | 6,462.50 | 47.49 | 22.97 | 15.83 | -1,102.85 | -9,236.68 | 7,243.62 | 7,188.53 | 55.09 | 131.496 | | |
| 7,100.00 | 6,663.58 | 6,539.58 | 6,539.58 | 48.75 | 23.25 | 12.38 | -1,102.85 | -9,236.68 | 7,181.23 | 7,125.35 | 55.88 | 128.503 | | |
| 7,200.00 | 6,728.87 | 6,604.87 | 6,604.87 | 50.23 | 23.48 | 10.12 | -1,102.85 | -9,236.68 | 7,106.28 | 7,049.70 | 56.58 | 125.604 | | |
| 7,300.00 | 6,780.38 | 6,656.38 | 6,656.38 | 51.91 | 23.66 | 8.33 | -1,102.85 | -9,236.68 | 7,021.01 | 6,963.88 | 57.13 | 122.898 | | |
| 7,400.00 | 6,816.56 | 6,707.44 | 6,692.56 | 53.74 | 23.85 | 6.19 | -1,102.85 | -9,236.68 | 6,928.02 | 6,870.45 | 57.57 | 120.349 | | |
| 7,500.00 | 6,836.29 | 6,712.29 | 6,712.29 | 55.65 | 23.86 | -0.29 | -1,102.85 | -9,236.68 | 6,830.13 | 6,772.41 | 57.71 | 118.344 | | |
| 7,600.00 | 6,840.00 | 6,716.00 | 6,716.00 | 57.58 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 6,730.28 | 6,672.54 | 57.74 | 116.557 | | |
| 7,700.00 | 6,840.00 | 6,716.00 | 6,716.00 | 59.56 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 6,630.30 | 6,572.57 | 57.73 | 114.850 | | |
| 7,800.00 | 6,840.00 | 6,716.00 | 6,716.00 | 61.60 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 6,530.32 | 6,472.60 | 57.72 | 113.142 | | |
| 7,900.00 | 6,840.00 | 6,716.00 | 6,716.00 | 63.69 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 6,430.35 | 6,372.64 | 57.71 | 111.434 | | |
| 8,000.00 | 6,840.00 | 6,716.00 | 6,716.00 | 65.82 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 6,330.37 | 6,272.68 | 57.69 | 109.725 | | |
| 8,100.00 | 6,840.00 | 6,716.00 | 6,716.00 | 67.99 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 6,230.39 | 6,172.71 | 57.68 | 108.016 | | |
| 8,200.00 | 6,840.00 | 6,716.00 | 6,716.00 | 70.21 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 6,130.42 | 6,072.75 | 57.67 | 106.306 | | |
| 8,300.00 | 6,840.00 | 6,716.00 | 6,716.00 | 72.45 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 6,030.44 | 5,972.79 | 57.65 | 104.597 | | |
| 8,400.00 | 6,840.00 | 6,716.00 | 6,716.00 | 74.73 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,930.47 | 5,872.83 | 57.64 | 102.887 | | |
| 8,500.00 | 6,840.00 | 6,716.00 | 6,716.00 | 77.04 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,830.50 | 5,772.87 | 57.63 | 101.177 | | |
| 8,600.00 | 6,840.00 | 6,716.00 | 6,716.00 | 79.38 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,730.53 | 5,672.91 | 57.61 | 99.467 | | |
| 8,700.00 | 6,840.00 | 6,716.00 | 6,716.00 | 81.74 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,630.56 | 5,572.96 | 57.60 | 97.757 | | |
| 8,800.00 | 6,840.00 | 6,716.00 | 6,716.00 | 84.12 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,530.59 | 5,473.00 | 57.58 | 96.046 | | |
| 8,900.00 | 6,840.00 | 6,716.00 | 6,716.00 | 86.52 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,430.62 | 5,373.05 | 57.57 | 94.336 | | |
| 9,000.00 | 6,840.00 | 6,716.00 | 6,716.00 | 88.94 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,330.65 | 5,273.10 | 57.55 | 92.626 | | |
| 9,100.00 | 6,840.00 | 6,716.00 | 6,716.00 | 91.38 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,230.69 | 5,173.15 | 57.53 | 90.916 | | |
| 9,200.00 | 6,840.00 | 6,716.00 | 6,716.00 | 93.83 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,130.72 | 5,073.21 | 57.52 | 89.206 | | |
| 9,300.00 | 6,840.00 | 6,716.00 | 6,716.00 | 96.30 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,030.76 | 4,973.26 | 57.50 | 87.496 | | |
| 9,400.00 | 6,840.00 | 6,716.00 | 6,716.00 | 98.79 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,930.80 | 4,873.32 | 57.48 | 85.786 | | |
| 9,500.00 | 6,840.00 | 6,716.00 | 6,716.00 | 101.28 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,830.84 | 4,773.38 | 57.46 | 84.077 | | |
| 9,600.00 | 6,840.00 | 6,716.00 | 6,716.00 | 103.79 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,730.88 | 4,673.44 | 57.44 | 82.368 | | |
| 9,700.00 | 6,840.00 | 6,716.00 | 6,716.00 | 106.30 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,630.92 | 4,573.51 | 57.41 | 80.659 | | |
| 9,800.00 | 6,840.00 | 6,716.00 | 6,716.00 | 108.83 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,530.97 | 4,473.58 | 57.39 | 78.950 | | |
| 9,900.00 | 6,840.00 | 6,716.00 | 6,716.00 | 111.37 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,431.02 | 4,373.65 | 57.37 | 77.241 | | |
| 10,000.00 | 6,840.00 | 6,716.00 | 6,716.00 | 113.91 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,331.06 | 4,273.72 | 57.34 | 75.533 | | |
| 10,100.00 | 6,840.00 | 6,716.00 | 6,716.00 | 116.47 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,231.12 | 4,173.80 | 57.31 | 73.825 | | |
| 10,200.00 | 6,840.00 | 6,716.00 | 6,716.00 | 119.03 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,131.17 | 4,073.89 | 57.28 | 72.117 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,716.00 | 6,716.00 | 121.59 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,031.23 | 3,973.98 | 57.25 | 70.410 | | |
| 10,400.00 | 6,840.00 | 6,716.00 | 6,716.00 | 124.17 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,931.29 | 3,874.07 | 57.22 | 68.703 | | |
| 10,500.00 | 6,840.00 | 6,716.00 | 6,716.00 | 126.75 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,831.35 | 3,774.16 | 57.19 | 66.996 | | |
| 10,600.00 | 6,840.00 | 6,716.00 | 6,716.00 | 129.34 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,731.42 | 3,674.27 | 57.15 | 65.289 | | |
| 10,700.00 | 6,840.00 | 6,716.00 | 6,716.00 | 131.93 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,631.49 | 3,574.37 | 57.12 | 63.582 | | |
| 10,800.00 | 6,840.00 | 6,716.00 | 6,716.00 | 134.53 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,531.56 | 3,474.49 | 57.08 | 61.875 | | |
| 10,900.00 | 6,840.00 | 6,716.00 | 6,716.00 | 137.13 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,431.64 | 3,374.61 | 57.03 | 60.168 | | |
| 11,000.00 | 6,840.00 | 6,716.00 | 6,716.00 | 139.73 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,331.73 | 3,274.74 | 56.99 | 58.461 | | |
| 11,100.00 | 6,840.00 | 6,716.00 | 6,716.00 | 142.35 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,231.82 | 3,174.87 | 56.94 | 56.754 | | |
| 11,200.00 | 6,840.00 | 6,716.00 | 6,716.00 | 144.96 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,131.91 | 3,075.01 | 56.90 | 55.046 | | |
| 11,300.00 | 6,840.00 | 6,716.00 | 6,716.00 | 147.58 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,032.01 | 2,975.16 | 56.85 | 53.338 | | |
| 11,400.00 | 6,840.00 | 6,716.00 | 6,716.00 | 150.20 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,932.12 | 2,875.32 | 56.79 | 51.628 | | |
| 11,500.00 | 6,840.00 | 6,716.00 | 6,716.00 | 152.83 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,832.23 | 2,775.49 | 56.74 | 49.918 | | |
| 11,600.00 | 6,840.00 | 6,716.00 | 6,716.00 | 155.46 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,732.36 | 2,675.68 | 56.68 | 48.206 | | |
| 11,700.00 | 6,840.00 | 6,716.00 | 6,716.00 | 158.09 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,632.49 | 2,575.87 | 56.62 | 46.493 | | |
| 11,800.00 | 6,840.00 | 6,716.00 | 6,716.00 | 160.73 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,532.63 | 2,476.07 | 56.56 | 44.777 | | |
| 11,900.00 | 6,840.00 | 6,716.00 | 6,716.00 | 163.36 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,432.79 | 2,376.29 | 56.50 | 43.058 | | |
| 12,000.00 | 6,840.00 | 6,716.00 | 6,716.00 | 166.01 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,332.96 | 2,276.52 | 56.44 | 41.336 | | |
| 12,100.00 | 6,840.00 | 6,716.00 | 6,716.00 | 168.65 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,233.14 | 2,176.76 | 56.38 | 39.610 | | |
| 12,200.00 | 6,840.00 | 6,716.00 | 6,716.00 | 171.30 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,133.34 | 2,077.02 | 56.32 | 37.878 | | |
| 12,300.00 | 6,840.00 | 6,716.00 | 6,716.00 | 173.94 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,033.56 | 1,977.29 | 56.27 | 36.140 | | |
| 12,400.00 | 6,840.00 | 6,716.00 | 6,716.00 | 176.59 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,933.80 | 1,877.58 | 56.23 | 34.394 | | |
| 12,500.00 | 6,840.00 | 6,716.00 | 6,716.00 | 179.25 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,834.07 | 1,777.88 | 56.19 | 32.638 | | |
| 12,600.00 | 6,840.00 | 6,716.00 | 6,716.00 | 181.90 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,734.37 | 1,678.19 | 56.18 | 30.871 | | |
| 12,700.00 | 6,840.00 | 6,716.00 | 6,716.00 | 184.56 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,634.71 | 1,578.51 | 56.20 | 29.088 | | |
| 12,800.00 | 6,840.00 | 6,716.00 | 6,716.00 | 187.22 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,535.09 | 1,478.84 | 56.25 | 27.288 | | |
| 12,900.00 | 6,840.00 | 6,716.00 | 6,716.00 | 189.88 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,435.52 | 1,379.15 | 56.37 | 25.466 | | |
| 13,000.00 | 6,840.00 | 6,716.00 | 6,716.00 | 192.54 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,336.02 | 1,279.45 | 56.57 | 23.617 | | |
| 13,100.00 | 6,840.00 | 6,716.00 | 6,716.00 | 195.20 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,236.60 | 1,179.71 | 56.89 | 21.736 | | |
| 13,200.00 | 6,840.00 | 6,716.00 | 6,716.00 | 197.87 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,137.28 | 1,079.89 | 57.39 | 19.815 | | |
| 13,300.00 | 6,840.00 | 6,716.00 | 6,716.00 | 200.53 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,038.10 | 979.94 | 58.16 | 17.849 | | |
| 13,400.00 | 6,840.00 | 6,716.00 | 6,716.00 | 203.20 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 939.08 | 879.76 | 59.32 | 15.831 | | |
| 13,500.00 | 6,840.00 | 6,716.00 | 6,716.00 | 205.87 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 840.30 | 779.23 | 61.07 | 13.761 | | |
| 13,600.00 | 6,840.00 | 6,716.00 | 6,716.00 | 208.54 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 741.84 | 678.13 | 63.71 | 11.643 | | |
| 13,700.00 | 6,840.00 | 6,716.00 | 6,716.00 | 211.22 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 643.86 | 576.10 | 67.76 | 9.502 | | |
| 13,800.00 | 6,840.00 | 6,716.00 | 6,716.00 | 213.89 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 546.61 | 472.57 | 74.04 | 7.383 | | |
| 13,900.00 | 6,840.00 | 6,716.00 | 6,716.00 | 216.56 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 450.57 | 366.56 | 84.00 | 5.364 | | |
| 14,000.00 | 6,840.00 | 6,716.00 | 6,716.00 | 219.24 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 356.70 | 256.31 | 100.39 | 3.553 | | |
| 14,100.00 | 6,840.00 | 6,716.00 | 6,716.00 | 221.92 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 267.33 | 138.65 | 128.69 | 2.077 | | |
| 14,200.00 | 6,840.00 | 6,716.00 | 6,716.00 | 224.59 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 188.93 | 10.32 | 178.61 | 1.058 Level 2 | | |
| 14,300.00 | 6,840.00 | 6,716.00 | 6,716.00 | 227.27 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 141.15 | -101.53 | 242.67 | 0.582 Level 1 | | |
| 14,328.86 | 6,840.00 | 6,716.00 | 6,716.00 | 228.05 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 138.16 | -113.20 | 251.36 | 0.550 Level 1, CC, ES, SF | | |
| 14,400.00 | 6,840.00 | 6,716.00 | 6,716.00 | 229.95 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 155.40 | -80.22 | 235.62 | 0.660 Level 1 | | |
| 14,500.00 | 6,840.00 | 6,716.00 | 6,716.00 | 232.63 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 219.95 | 35.85 | 184.10 | 1.195 Level 2 | | |
| 14,600.00 | 6,840.00 | 6,716.00 | 6,716.00 | 235.31 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 304.31 | 156.10 | 148.21 | 2.053 | | |
| 14,700.00 | 6,840.00 | 6,716.00 | 6,716.00 | 238.00 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 396.02 | 269.51 | 126.51 | 3.130 | | |
| 14,800.00 | 6,840.00 | 6,716.00 | 6,716.00 | 240.68 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 490.98 | 378.25 | 112.73 | 4.355 | | |
| 14,900.00 | 6,840.00 | 6,716.00 | 6,716.00 | 243.36 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 587.61 | 484.17 | 103.44 | 5.681 | | |
| 15,000.00 | 6,840.00 | 6,716.00 | 6,716.00 | 246.05 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 685.21 | 588.36 | 96.85 | 7.075 | | |
| 15,100.00 | 6,840.00 | 6,716.00 | 6,716.00 | 248.74 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 783.42 | 691.44 | 91.98 | 8.518 | | |
| 15,200.00 | 6,840.00 | 6,716.00 | 6,716.00 | 251.42 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 882.03 | 793.77 | 88.26 | 9.994 | | |
| 15,300.00 | 6,840.00 | 6,716.00 | 6,716.00 | 254.11 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 980.92 | 895.57 | 85.34 | 11.494 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,400.00 | 6,840.00 | 6,716.00 | 6,716.00 | 256.80 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,080.01 | 997.00 | 83.01 | 13.010 | | |
| 15,500.00 | 6,840.00 | 6,716.00 | 6,716.00 | 259.49 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,179.26 | 1,098.15 | 81.11 | 14.539 | | |
| 15,600.00 | 6,840.00 | 6,716.00 | 6,716.00 | 262.17 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,278.63 | 1,199.08 | 79.54 | 16.075 | | |
| 15,700.00 | 6,840.00 | 6,716.00 | 6,716.00 | 264.86 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,378.08 | 1,299.86 | 78.23 | 17.616 | | |
| 15,800.00 | 6,840.00 | 6,716.00 | 6,716.00 | 267.55 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,477.61 | 1,400.50 | 77.11 | 19.161 | | |
| 15,900.00 | 6,840.00 | 6,716.00 | 6,716.00 | 270.25 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,577.20 | 1,501.04 | 76.16 | 20.708 | | |
| 16,000.00 | 6,840.00 | 6,716.00 | 6,716.00 | 272.94 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,676.84 | 1,601.50 | 75.34 | 22.256 | | |
| 16,100.00 | 6,840.00 | 6,716.00 | 6,716.00 | 275.63 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,776.52 | 1,701.89 | 74.63 | 23.803 | | |
| 16,200.00 | 6,840.00 | 6,716.00 | 6,716.00 | 278.32 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,876.23 | 1,802.22 | 74.01 | 25.350 | | |
| 16,300.00 | 6,840.00 | 6,716.00 | 6,716.00 | 281.02 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 1,975.98 | 1,902.51 | 73.47 | 26.895 | | |
| 16,400.00 | 6,840.00 | 6,716.00 | 6,716.00 | 283.71 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,075.74 | 2,002.75 | 72.99 | 28.438 | | |
| 16,500.00 | 6,840.00 | 6,716.00 | 6,716.00 | 286.40 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,175.53 | 2,102.96 | 72.57 | 29.980 | | |
| 16,600.00 | 6,840.00 | 6,716.00 | 6,716.00 | 289.10 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,275.34 | 2,203.15 | 72.19 | 31.519 | | |
| 16,700.00 | 6,840.00 | 6,716.00 | 6,716.00 | 291.79 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,375.16 | 2,303.31 | 71.86 | 33.055 | | |
| 16,800.00 | 6,840.00 | 6,716.00 | 6,716.00 | 294.49 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,475.00 | 2,403.44 | 71.56 | 34.588 | | |
| 16,900.00 | 6,840.00 | 6,716.00 | 6,716.00 | 297.19 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,574.85 | 2,503.56 | 71.29 | 36.119 | | |
| 17,000.00 | 6,840.00 | 6,716.00 | 6,716.00 | 299.88 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,674.71 | 2,603.66 | 71.05 | 37.646 | | |
| 17,100.00 | 6,840.00 | 6,716.00 | 6,716.00 | 302.58 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,774.58 | 2,703.75 | 70.83 | 39.170 | | |
| 17,200.00 | 6,840.00 | 6,716.00 | 6,716.00 | 305.28 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,874.46 | 2,803.82 | 70.64 | 40.691 | | |
| 17,300.00 | 6,840.00 | 6,716.00 | 6,716.00 | 307.97 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 2,974.35 | 2,903.88 | 70.47 | 42.209 | | |
| 17,400.00 | 6,840.00 | 6,716.00 | 6,716.00 | 310.67 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,074.25 | 3,003.93 | 70.31 | 43.723 | | |
| 17,500.00 | 6,840.00 | 6,716.00 | 6,716.00 | 313.37 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,174.15 | 3,103.98 | 70.17 | 45.233 | | |
| 17,600.00 | 6,840.00 | 6,716.00 | 6,716.00 | 316.07 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,274.06 | 3,204.01 | 70.05 | 46.740 | | |
| 17,700.00 | 6,840.00 | 6,716.00 | 6,716.00 | 318.77 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,373.97 | 3,304.03 | 69.94 | 48.244 | | |
| 17,800.00 | 6,840.00 | 6,716.00 | 6,716.00 | 321.47 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,473.89 | 3,404.05 | 69.84 | 49.743 | | |
| 17,900.00 | 6,840.00 | 6,716.00 | 6,716.00 | 324.17 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,573.81 | 3,504.06 | 69.75 | 51.239 | | |
| 18,000.00 | 6,840.00 | 6,716.00 | 6,716.00 | 326.87 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,673.74 | 3,604.07 | 69.67 | 52.732 | | |
| 18,100.00 | 6,840.00 | 6,716.00 | 6,716.00 | 329.57 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,773.67 | 3,704.07 | 69.60 | 54.220 | | |
| 18,200.00 | 6,840.00 | 6,716.00 | 6,716.00 | 332.27 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,873.60 | 3,804.07 | 69.54 | 55.705 | | |
| 18,300.00 | 6,840.00 | 6,716.00 | 6,716.00 | 334.97 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 3,973.54 | 3,904.06 | 69.48 | 57.186 | | |
| 18,400.00 | 6,840.00 | 6,716.00 | 6,716.00 | 337.67 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,073.48 | 4,004.05 | 69.44 | 58.664 | | |
| 18,500.00 | 6,840.00 | 6,716.00 | 6,716.00 | 340.38 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,173.43 | 4,104.03 | 69.40 | 60.137 | | |
| 18,600.00 | 6,840.00 | 6,716.00 | 6,716.00 | 343.08 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,273.37 | 4,204.01 | 69.37 | 61.607 | | |
| 18,700.00 | 6,840.00 | 6,716.00 | 6,716.00 | 345.78 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,373.32 | 4,303.98 | 69.34 | 63.073 | | |
| 18,800.00 | 6,840.00 | 6,716.00 | 6,716.00 | 348.48 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,473.27 | 4,403.96 | 69.32 | 64.534 | | |
| 18,900.00 | 6,840.00 | 6,716.00 | 6,716.00 | 351.19 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,573.23 | 4,503.93 | 69.30 | 65.992 | | |
| 19,000.00 | 6,840.00 | 6,716.00 | 6,716.00 | 353.89 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,673.18 | 4,603.90 | 69.29 | 67.447 | | |
| 19,100.00 | 6,840.00 | 6,716.00 | 6,716.00 | 356.59 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,773.14 | 4,703.86 | 69.28 | 68.897 | | |
| 19,200.00 | 6,840.00 | 6,716.00 | 6,716.00 | 359.30 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,873.10 | 4,803.82 | 69.28 | 70.343 | | |
| 19,300.00 | 6,840.00 | 6,716.00 | 6,716.00 | 362.00 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 4,973.06 | 4,903.78 | 69.28 | 71.785 | | |
| 19,400.00 | 6,840.00 | 6,716.00 | 6,716.00 | 364.71 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,073.02 | 5,003.74 | 69.28 | 73.223 | | |
| 19,500.00 | 6,840.00 | 6,716.00 | 6,716.00 | 367.41 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,172.99 | 5,103.70 | 69.29 | 74.658 | | |
| 19,600.00 | 6,840.00 | 6,716.00 | 6,716.00 | 370.11 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,272.95 | 5,203.65 | 69.30 | 76.088 | | |
| 19,700.00 | 6,840.00 | 6,716.00 | 6,716.00 | 372.82 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,372.92 | 5,303.60 | 69.31 | 77.515 | | |
| 19,800.00 | 6,840.00 | 6,716.00 | 6,716.00 | 375.53 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,472.88 | 5,403.55 | 69.33 | 78.937 | | |
| 19,900.00 | 6,840.00 | 6,716.00 | 6,716.00 | 378.23 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,572.85 | 5,503.50 | 69.35 | 80.355 | | |
| 20,000.00 | 6,840.00 | 6,716.00 | 6,716.00 | 380.94 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,672.82 | 5,603.45 | 69.38 | 81.770 | | |
| 20,100.00 | 6,840.00 | 6,716.00 | 6,716.00 | 383.64 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,772.79 | 5,703.39 | 69.40 | 83.180 | | |
| 20,200.00 | 6,840.00 | 6,716.00 | 6,716.00 | 386.35 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,872.77 | 5,803.34 | 69.43 | 84.586 | | |
| 20,300.00 | 6,840.00 | 6,716.00 | 6,716.00 | 389.05 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 5,972.74 | 5,903.28 | 69.46 | 85.989 | | |
| 20,400.00 | 6,840.00 | 6,716.00 | 6,716.00 | 391.76 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 6,072.71 | 6,003.22 | 69.49 | 87.387 | | |
| 20,442.82 | 6,840.00 | 6,716.00 | 6,716.00 | 392.92 | 23.88 | -90.00 | -1,102.85 | -9,236.68 | 6,115.52 | 6,046.01 | 69.51 | 87.984 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -99.57 | -1,644.37 | -9,754.48 | 9,892.79 | | | | | |
| 100.00 | 100.00 | 0.00 | 0.00 | 0.13 | 0.00 | -99.57 | -1,644.37 | -9,754.48 | 9,892.12 | 9,891.98 | 0.13 | N/A | | |
| 139.68 | 139.68 | 23.68 | 23.68 | 0.28 | 0.19 | -99.57 | -1,644.37 | -9,754.48 | 9,892.11 | 9,891.64 | 0.46 | N/A | | |
| 200.00 | 200.00 | 84.00 | 84.00 | 0.49 | 0.66 | -99.57 | -1,644.37 | -9,754.48 | 9,892.11 | 9,890.95 | 1.15 | 8,582.176 | | |
| 300.00 | 300.00 | 184.00 | 184.00 | 0.85 | 2.25 | -99.57 | -1,644.37 | -9,754.48 | 9,892.11 | 9,889.00 | 3.10 | 3,188.075 | | |
| 400.00 | 400.00 | 284.00 | 284.00 | 1.21 | 4.00 | -99.57 | -1,644.37 | -9,754.48 | 9,892.11 | 9,886.90 | 5.21 | 1,899.900 | | |
| 500.00 | 500.00 | 384.00 | 384.00 | 1.57 | 5.74 | -99.57 | -1,644.37 | -9,754.48 | 9,892.11 | 9,884.80 | 7.31 | 1,353.146 | | |
| 600.00 | 599.98 | 483.98 | 483.98 | 1.92 | 7.49 | 16.24 | -1,644.37 | -9,754.48 | 9,890.43 | 9,881.03 | 9.40 | 1,051.915 | | |
| 700.00 | 699.84 | 583.84 | 583.84 | 2.26 | 9.23 | 16.28 | -1,644.37 | -9,754.48 | 9,885.41 | 9,873.92 | 11.49 | 860.462 | | |
| 800.00 | 799.45 | 683.45 | 683.45 | 2.62 | 10.97 | 16.34 | -1,644.37 | -9,754.48 | 9,877.04 | 9,863.46 | 13.58 | 727.462 | | |
| 900.00 | 898.70 | 782.70 | 782.70 | 2.99 | 12.70 | 16.42 | -1,644.37 | -9,754.48 | 9,865.34 | 9,849.67 | 15.67 | 629.742 | | |
| 1,000.00 | 997.47 | 881.47 | 881.47 | 3.39 | 14.42 | 16.54 | -1,644.37 | -9,754.48 | 9,850.33 | 9,832.57 | 17.75 | 554.916 | | |
| 1,100.00 | 1,095.62 | 979.62 | 979.62 | 3.81 | 16.14 | 16.67 | -1,644.37 | -9,754.48 | 9,832.01 | 9,812.18 | 19.83 | 495.773 | | |
| 1,200.00 | 1,193.06 | 1,077.06 | 1,077.06 | 4.27 | 17.84 | 16.84 | -1,644.37 | -9,754.48 | 9,810.43 | 9,788.52 | 21.91 | 447.841 | | |
| 1,300.00 | 1,289.64 | 1,173.64 | 1,173.64 | 4.77 | 19.52 | 17.03 | -1,644.37 | -9,754.48 | 9,785.60 | 9,761.63 | 23.97 | 408.194 | | |
| 1,400.00 | 1,385.27 | 1,269.27 | 1,269.27 | 5.31 | 21.19 | 17.26 | -1,644.37 | -9,754.48 | 9,757.56 | 9,731.53 | 26.03 | 374.846 | | |
| 1,500.00 | 1,479.82 | 1,363.82 | 1,363.82 | 5.91 | 22.84 | 17.51 | -1,644.37 | -9,754.48 | 9,726.34 | 9,698.26 | 28.08 | 346.397 | | |
| 1,600.00 | 1,573.19 | 1,457.19 | 1,457.19 | 6.55 | 24.47 | 17.75 | -1,644.37 | -9,754.48 | 9,692.05 | 9,661.93 | 30.12 | 321.797 | | |
| 1,700.00 | 1,666.16 | 1,550.16 | 1,550.16 | 7.23 | 26.10 | 17.82 | -1,644.37 | -9,754.48 | 9,656.75 | 9,624.60 | 32.15 | 300.399 | | |
| 1,800.00 | 1,759.13 | 1,643.13 | 1,643.13 | 7.93 | 27.72 | 17.88 | -1,644.37 | -9,754.48 | 9,621.46 | 9,587.27 | 34.18 | 281.478 | | |
| 1,900.00 | 1,852.10 | 1,736.10 | 1,736.10 | 8.64 | 29.34 | 17.95 | -1,644.37 | -9,754.48 | 9,586.18 | 9,549.95 | 36.22 | 264.639 | | |
| 2,000.00 | 1,945.06 | 1,829.06 | 1,829.06 | 9.35 | 30.96 | 18.02 | -1,644.37 | -9,754.48 | 9,550.91 | 9,512.64 | 38.27 | 249.562 | | |
| 2,100.00 | 2,038.03 | 1,922.03 | 1,922.03 | 10.08 | 32.59 | 18.09 | -1,644.37 | -9,754.48 | 9,515.66 | 9,475.33 | 40.32 | 235.990 | | |
| 2,200.00 | 2,131.00 | 2,015.00 | 2,015.00 | 10.81 | 34.21 | 18.15 | -1,644.37 | -9,754.48 | 9,480.41 | 9,438.04 | 42.38 | 223.711 | | |
| 2,300.00 | 2,223.97 | 2,107.97 | 2,107.97 | 11.54 | 35.83 | 18.22 | -1,644.37 | -9,754.48 | 9,445.18 | 9,400.75 | 44.44 | 212.552 | | |
| 2,400.00 | 2,316.94 | 2,200.94 | 2,200.94 | 12.28 | 37.45 | 18.29 | -1,644.37 | -9,754.48 | 9,409.97 | 9,363.47 | 46.50 | 202.368 | | |
| 2,500.00 | 2,409.90 | 2,306.10 | 2,293.90 | 13.02 | 39.29 | 18.36 | -1,644.37 | -9,754.48 | 9,374.76 | 9,325.98 | 48.78 | 192.196 | | |
| 2,600.00 | 2,502.87 | 2,386.87 | 2,386.87 | 13.77 | 40.70 | 18.43 | -1,644.37 | -9,754.48 | 9,339.57 | 9,288.94 | 50.63 | 184.461 | | |
| 2,700.00 | 2,595.84 | 2,479.84 | 2,479.84 | 14.51 | 42.32 | 18.50 | -1,644.37 | -9,754.48 | 9,304.39 | 9,251.69 | 52.70 | 176.549 | | |
| 2,800.00 | 2,688.81 | 2,572.81 | 2,572.81 | 15.26 | 43.94 | 18.58 | -1,644.37 | -9,754.48 | 9,269.22 | 9,214.45 | 54.77 | 169.229 | | |
| 2,900.00 | 2,781.77 | 2,665.77 | 2,665.77 | 16.01 | 45.57 | 18.65 | -1,644.37 | -9,754.48 | 9,234.07 | 9,177.22 | 56.85 | 162.437 | | |
| 3,000.00 | 2,874.74 | 2,758.74 | 2,758.74 | 16.76 | 47.19 | 18.72 | -1,644.37 | -9,754.48 | 9,198.92 | 9,140.00 | 58.92 | 156.118 | | |
| 3,100.00 | 2,967.71 | 2,851.71 | 2,851.71 | 17.52 | 48.81 | 18.80 | -1,644.37 | -9,754.48 | 9,163.80 | 9,102.80 | 61.00 | 150.226 | | |
| 3,200.00 | 3,060.68 | 2,944.68 | 2,944.68 | 18.27 | 50.43 | 18.87 | -1,644.37 | -9,754.48 | 9,128.68 | 9,065.60 | 63.08 | 144.718 | | |
| 3,300.00 | 3,153.65 | 3,037.65 | 3,037.65 | 19.03 | 52.06 | 18.94 | -1,644.37 | -9,754.48 | 9,093.58 | 9,028.42 | 65.16 | 139.559 | | |
| 3,400.00 | 3,246.61 | 3,130.61 | 3,130.61 | 19.78 | 53.68 | 19.02 | -1,644.37 | -9,754.48 | 9,058.49 | 8,991.25 | 67.24 | 134.716 | | |
| 3,500.00 | 3,339.58 | 3,223.58 | 3,223.58 | 20.54 | 55.30 | 19.09 | -1,644.37 | -9,754.48 | 9,023.42 | 8,954.10 | 69.33 | 130.161 | | |
| 3,600.00 | 3,432.55 | 3,316.55 | 3,316.55 | 21.30 | 56.92 | 19.17 | -1,644.37 | -9,754.48 | 8,988.36 | 8,916.95 | 71.41 | 125.870 | | |
| 3,700.00 | 3,525.52 | 3,409.52 | 3,409.52 | 22.06 | 58.55 | 19.25 | -1,644.37 | -9,754.48 | 8,953.32 | 8,879.82 | 73.50 | 121.820 | | |
| 3,800.00 | 3,618.49 | 3,502.49 | 3,502.49 | 22.82 | 60.17 | 19.32 | -1,644.37 | -9,754.48 | 8,918.29 | 8,842.70 | 75.58 | 117.992 | | |
| 3,900.00 | 3,711.45 | 3,604.55 | 3,595.45 | 23.57 | 61.95 | 19.40 | -1,644.37 | -9,754.48 | 8,883.27 | 8,805.44 | 77.83 | 114.135 | | |
| 4,000.00 | 3,804.42 | 3,688.42 | 3,688.42 | 24.33 | 63.42 | 19.48 | -1,644.37 | -9,754.48 | 8,848.27 | 8,768.51 | 79.76 | 110.933 | | |
| 4,100.00 | 3,897.39 | 3,781.39 | 3,781.39 | 25.09 | 65.04 | 19.56 | -1,644.37 | -9,754.48 | 8,813.29 | 8,731.43 | 81.85 | 107.671 | | |
| 4,200.00 | 3,990.36 | 3,874.36 | 3,874.36 | 25.86 | 66.66 | 19.64 | -1,644.37 | -9,754.48 | 8,778.31 | 8,694.37 | 83.95 | 104.571 | | |
| 4,300.00 | 4,083.32 | 3,967.32 | 3,967.32 | 26.62 | 68.28 | 19.72 | -1,644.37 | -9,754.48 | 8,743.36 | 8,657.32 | 86.04 | 101.620 | | |
| 4,400.00 | 4,176.29 | 4,060.29 | 4,060.29 | 27.38 | 69.91 | 19.80 | -1,644.37 | -9,754.48 | 8,708.42 | 8,620.28 | 88.13 | 98.808 | | |
| 4,500.00 | 4,269.26 | 4,153.26 | 4,153.26 | 28.14 | 71.53 | 19.88 | -1,644.37 | -9,754.48 | 8,673.50 | 8,583.26 | 90.23 | 96.126 | | |
| 4,600.00 | 4,362.23 | 4,246.23 | 4,246.23 | 28.90 | 73.15 | 19.97 | -1,644.37 | -9,754.48 | 8,638.59 | 8,546.26 | 92.33 | 93.564 | | |
| 4,700.00 | 4,455.20 | 4,339.20 | 4,339.20 | 29.66 | 74.77 | 20.05 | -1,644.37 | -9,754.48 | 8,603.70 | 8,509.27 | 94.43 | 91.115 | | |
| 4,800.00 | 4,548.16 | 4,432.16 | 4,432.16 | 30.43 | 76.40 | 20.13 | -1,644.37 | -9,754.48 | 8,568.82 | 8,472.29 | 96.53 | 88.772 | | |
| 4,900.00 | 4,641.13 | 4,525.13 | 4,525.13 | 31.19 | 78.02 | 20.22 | -1,644.37 | -9,754.48 | 8,533.96 | 8,435.33 | 98.63 | 86.527 | | |
| 5,000.00 | 4,734.10 | 4,618.10 | 4,618.10 | 31.95 | 79.64 | 20.30 | -1,644.37 | -9,754.48 | 8,499.12 | 8,398.39 | 100.73 | 84.376 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,711.07 | 4,711.07 | 32.71 | 81.26 | 20.39 | -1,644.37 | -9,754.48 | 8,464.29 | 8,361.46 | 102.83 | 82.311 | | |
| 5,200.00 | 4,920.04 | 4,804.04 | 4,804.04 | 33.48 | 82.89 | 20.48 | -1,644.37 | -9,754.48 | 8,429.48 | 8,324.55 | 104.94 | 80.329 | | |
| 5,300.00 | 5,013.00 | 4,903.00 | 4,897.00 | 34.24 | 84.61 | 20.56 | -1,644.37 | -9,754.48 | 8,394.69 | 8,287.54 | 107.15 | 78.347 | | |
| 5,400.00 | 5,105.97 | 4,989.97 | 4,989.97 | 35.00 | 86.13 | 20.65 | -1,644.37 | -9,754.48 | 8,359.92 | 8,250.77 | 109.15 | 76.591 | | |
| 5,500.00 | 5,198.94 | 5,082.94 | 5,082.94 | 35.77 | 87.75 | 20.74 | -1,644.37 | -9,754.48 | 8,325.16 | 8,213.90 | 111.26 | 74.828 | | |
| 5,600.00 | 5,291.91 | 5,175.91 | 5,175.91 | 36.53 | 89.38 | 20.83 | -1,644.37 | -9,754.48 | 8,290.42 | 8,177.06 | 113.37 | 73.129 | | |
| 5,700.00 | 5,384.87 | 5,268.87 | 5,268.87 | 37.29 | 91.00 | 20.92 | -1,644.37 | -9,754.48 | 8,255.70 | 8,140.23 | 115.48 | 71.492 | | |
| 5,800.00 | 5,477.84 | 5,361.84 | 5,361.84 | 38.06 | 92.62 | 21.01 | -1,644.37 | -9,754.48 | 8,221.00 | 8,103.41 | 117.59 | 69.913 | | |
| 5,900.00 | 5,570.81 | 5,454.81 | 5,454.81 | 38.82 | 94.24 | 21.10 | -1,644.37 | -9,754.48 | 8,186.32 | 8,066.62 | 119.70 | 68.389 | | |
| 6,000.00 | 5,663.78 | 5,547.78 | 5,547.78 | 39.59 | 95.87 | 21.19 | -1,644.37 | -9,754.48 | 8,151.66 | 8,029.84 | 121.82 | 66.917 | | |
| 6,100.00 | 5,756.75 | 5,640.75 | 5,640.75 | 40.35 | 97.49 | 21.29 | -1,644.37 | -9,754.48 | 8,117.01 | 7,993.08 | 123.93 | 65.495 | | |
| 6,200.00 | 5,849.71 | 5,733.71 | 5,733.71 | 41.12 | 99.11 | 21.38 | -1,644.37 | -9,754.48 | 8,082.39 | 7,956.34 | 126.05 | 64.120 | | |
| 6,300.00 | 5,942.68 | 5,826.68 | 5,826.68 | 41.88 | 100.73 | 21.48 | -1,644.37 | -9,754.48 | 8,047.78 | 7,919.61 | 128.17 | 62.791 | | |
| 6,400.00 | 6,035.65 | 5,919.65 | 5,919.65 | 42.64 | 102.36 | 21.57 | -1,644.37 | -9,754.48 | 8,013.19 | 7,882.91 | 130.29 | 61.504 | | |
| 6,500.00 | 6,128.62 | 6,012.62 | 6,012.62 | 43.41 | 103.98 | 21.67 | -1,644.37 | -9,754.48 | 7,978.63 | 7,846.22 | 132.41 | 60.257 | | |
| 6,600.00 | 6,221.59 | 6,105.59 | 6,105.59 | 44.17 | 105.60 | 21.76 | -1,644.37 | -9,754.48 | 7,944.08 | 7,809.55 | 134.53 | 59.050 | | |
| 6,700.00 | 6,314.55 | 6,201.45 | 6,198.55 | 44.94 | 107.28 | 21.86 | -1,644.37 | -9,754.48 | 7,909.56 | 7,772.85 | 136.71 | 57.858 | | |
| 6,800.00 | 6,407.52 | 6,308.48 | 6,291.52 | 45.70 | 109.14 | 21.96 | -1,644.37 | -9,754.48 | 7,875.05 | 7,735.98 | 139.08 | 56.624 | | |
| 6,900.00 | 6,499.98 | 6,383.98 | 6,383.98 | 46.49 | 110.46 | 17.79 | -1,644.37 | -9,754.48 | 7,839.21 | 7,698.31 | 140.90 | 55.637 | | |
| 7,000.00 | 6,586.50 | 6,470.50 | 6,470.50 | 47.49 | 111.97 | 11.17 | -1,644.37 | -9,754.48 | 7,790.46 | 7,647.54 | 142.92 | 54.510 | | |
| 7,100.00 | 6,663.58 | 6,547.58 | 6,547.58 | 48.75 | 113.32 | 6.94 | -1,644.37 | -9,754.48 | 7,727.41 | 7,582.68 | 144.73 | 53.392 | | |
| 7,200.00 | 6,728.87 | 6,612.87 | 6,612.87 | 50.23 | 114.46 | 3.39 | -1,644.37 | -9,754.48 | 7,651.96 | 7,505.69 | 146.26 | 52.316 | | |
| 7,300.00 | 6,780.38 | 6,664.38 | 6,664.38 | 51.91 | 115.36 | -0.79 | -1,644.37 | -9,754.48 | 7,566.40 | 7,418.95 | 147.45 | 51.314 | | |
| 7,400.00 | 6,816.56 | 6,700.56 | 6,700.56 | 53.74 | 115.99 | -8.30 | -1,644.37 | -9,754.48 | 7,473.34 | 7,325.08 | 148.26 | 50.408 | | |
| 7,500.00 | 6,836.29 | 6,720.29 | 6,720.29 | 55.65 | 116.33 | -32.95 | -1,644.37 | -9,754.48 | 7,375.59 | 7,226.95 | 148.65 | 49.618 | | |
| 7,600.00 | 6,840.00 | 6,724.00 | 6,724.00 | 57.58 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 7,276.11 | 7,127.47 | 148.64 | 48.951 | | |
| 7,700.00 | 6,840.00 | 6,724.00 | 6,724.00 | 59.56 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 7,176.56 | 7,028.01 | 148.55 | 48.311 | | |
| 7,800.00 | 6,840.00 | 6,724.00 | 6,724.00 | 61.60 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 7,077.02 | 6,928.56 | 148.45 | 47.672 | | |
| 7,900.00 | 6,840.00 | 6,724.00 | 6,724.00 | 63.69 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 6,977.49 | 6,829.13 | 148.36 | 47.031 | | |
| 8,000.00 | 6,840.00 | 6,724.00 | 6,724.00 | 65.82 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 6,877.98 | 6,729.71 | 148.27 | 46.389 | | |
| 8,100.00 | 6,840.00 | 6,724.00 | 6,724.00 | 67.99 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 6,778.48 | 6,630.30 | 148.18 | 45.746 | | |
| 8,200.00 | 6,840.00 | 6,724.00 | 6,724.00 | 70.21 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 6,678.99 | 6,530.91 | 148.09 | 45.102 | | |
| 8,300.00 | 6,840.00 | 6,724.00 | 6,724.00 | 72.45 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 6,579.52 | 6,431.53 | 148.00 | 44.457 | | |
| 8,400.00 | 6,840.00 | 6,724.00 | 6,724.00 | 74.73 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 6,480.07 | 6,332.16 | 147.91 | 43.811 | | |
| 8,500.00 | 6,840.00 | 6,724.00 | 6,724.00 | 77.04 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 6,380.63 | 6,232.81 | 147.82 | 43.164 | | |
| 8,600.00 | 6,840.00 | 6,724.00 | 6,724.00 | 79.38 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 6,281.22 | 6,133.48 | 147.74 | 42.515 | | |
| 8,700.00 | 6,840.00 | 6,724.00 | 6,724.00 | 81.74 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 6,181.82 | 6,034.16 | 147.66 | 41.865 | | |
| 8,800.00 | 6,840.00 | 6,724.00 | 6,724.00 | 84.12 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 6,082.44 | 5,934.86 | 147.58 | 41.214 | | |
| 8,900.00 | 6,840.00 | 6,724.00 | 6,724.00 | 86.52 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,983.08 | 5,835.57 | 147.51 | 40.561 | | |
| 9,000.00 | 6,840.00 | 6,724.00 | 6,724.00 | 88.94 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,883.74 | 5,736.30 | 147.44 | 39.906 | | |
| 9,100.00 | 6,840.00 | 6,724.00 | 6,724.00 | 91.38 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,784.43 | 5,637.06 | 147.37 | 39.250 | | |
| 9,200.00 | 6,840.00 | 6,724.00 | 6,724.00 | 93.83 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,685.14 | 5,537.83 | 147.31 | 38.592 | | |
| 9,300.00 | 6,840.00 | 6,724.00 | 6,724.00 | 96.30 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,585.87 | 5,438.62 | 147.26 | 37.933 | | |
| 9,400.00 | 6,840.00 | 6,724.00 | 6,724.00 | 98.79 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,486.64 | 5,339.43 | 147.21 | 37.271 | | |
| 9,500.00 | 6,840.00 | 6,724.00 | 6,724.00 | 101.28 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,387.43 | 5,240.26 | 147.17 | 36.607 | | |
| 9,600.00 | 6,840.00 | 6,724.00 | 6,724.00 | 103.79 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,288.25 | 5,141.11 | 147.14 | 35.941 | | |
| 9,700.00 | 6,840.00 | 6,724.00 | 6,724.00 | 106.30 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,189.10 | 5,041.98 | 147.12 | 35.272 | | |
| 9,800.00 | 6,840.00 | 6,724.00 | 6,724.00 | 108.83 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,089.98 | 4,942.88 | 147.11 | 34.601 | | |
| 9,900.00 | 6,840.00 | 6,724.00 | 6,724.00 | 111.37 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,990.90 | 4,843.80 | 147.11 | 33.927 | | |
| 10,000.00 | 6,840.00 | 6,724.00 | 6,724.00 | 113.91 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,891.86 | 4,744.74 | 147.12 | 33.250 | | |
| 10,100.00 | 6,840.00 | 6,724.00 | 6,724.00 | 116.47 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,792.86 | 4,645.70 | 147.15 | 32.571 | | |
| 10,200.00 | 6,840.00 | 6,724.00 | 6,724.00 | 119.03 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,693.90 | 4,546.70 | 147.20 | 31.888 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INCL-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,724.00 | 6,724.00 | 121.59 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,594.98 | 4,447.71 | 147.27 | 31.201 | | |
| 10,400.00 | 6,840.00 | 6,724.00 | 6,724.00 | 124.17 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,496.11 | 4,348.76 | 147.36 | 30.512 | | |
| 10,500.00 | 6,840.00 | 6,724.00 | 6,724.00 | 126.75 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,397.30 | 4,249.83 | 147.47 | 29.818 | | |
| 10,600.00 | 6,840.00 | 6,724.00 | 6,724.00 | 129.34 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,298.54 | 4,150.92 | 147.61 | 29.120 | | |
| 10,700.00 | 6,840.00 | 6,724.00 | 6,724.00 | 131.93 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,199.83 | 4,052.05 | 147.79 | 28.418 | | |
| 10,800.00 | 6,840.00 | 6,724.00 | 6,724.00 | 134.53 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,101.19 | 3,953.20 | 147.99 | 27.712 | | |
| 10,900.00 | 6,840.00 | 6,724.00 | 6,724.00 | 137.13 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,002.62 | 3,854.39 | 148.24 | 27.002 | | |
| 11,000.00 | 6,840.00 | 6,724.00 | 6,724.00 | 139.73 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,904.12 | 3,755.60 | 148.52 | 26.286 | | |
| 11,100.00 | 6,840.00 | 6,724.00 | 6,724.00 | 142.35 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,805.70 | 3,656.84 | 148.86 | 25.566 | | |
| 11,200.00 | 6,840.00 | 6,724.00 | 6,724.00 | 144.96 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,707.36 | 3,558.12 | 149.25 | 24.841 | | |
| 11,300.00 | 6,840.00 | 6,724.00 | 6,724.00 | 147.58 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,609.12 | 3,459.43 | 149.69 | 24.110 | | |
| 11,400.00 | 6,840.00 | 6,724.00 | 6,724.00 | 150.20 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,510.97 | 3,360.77 | 150.20 | 23.375 | | |
| 11,500.00 | 6,840.00 | 6,724.00 | 6,724.00 | 152.83 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,412.93 | 3,262.14 | 150.79 | 22.634 | | |
| 11,600.00 | 6,840.00 | 6,724.00 | 6,724.00 | 155.46 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,315.01 | 3,163.56 | 151.45 | 21.888 | | |
| 11,700.00 | 6,840.00 | 6,724.00 | 6,724.00 | 158.09 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,217.22 | 3,065.01 | 152.20 | 21.137 | | |
| 11,800.00 | 6,840.00 | 6,724.00 | 6,724.00 | 160.73 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,119.56 | 2,966.50 | 153.06 | 20.382 | | |
| 11,900.00 | 6,840.00 | 6,724.00 | 6,724.00 | 163.36 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,022.06 | 2,868.04 | 154.02 | 19.621 | | |
| 12,000.00 | 6,840.00 | 6,724.00 | 6,724.00 | 166.01 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,924.73 | 2,769.63 | 155.10 | 18.857 | | |
| 12,100.00 | 6,840.00 | 6,724.00 | 6,724.00 | 168.65 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,827.58 | 2,671.26 | 156.32 | 18.089 | | |
| 12,200.00 | 6,840.00 | 6,724.00 | 6,724.00 | 171.30 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,730.64 | 2,572.96 | 157.68 | 17.317 | | |
| 12,300.00 | 6,840.00 | 6,724.00 | 6,724.00 | 173.94 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,633.93 | 2,474.72 | 159.22 | 16.543 | | |
| 12,400.00 | 6,840.00 | 6,724.00 | 6,724.00 | 176.59 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,537.48 | 2,376.55 | 160.93 | 15.768 | | |
| 12,500.00 | 6,840.00 | 6,724.00 | 6,724.00 | 179.25 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,441.31 | 2,278.46 | 162.85 | 14.991 | | |
| 12,600.00 | 6,840.00 | 6,724.00 | 6,724.00 | 181.90 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,345.45 | 2,180.46 | 164.99 | 14.215 | | |
| 12,700.00 | 6,840.00 | 6,724.00 | 6,724.00 | 184.56 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,249.97 | 2,082.57 | 167.39 | 13.441 | | |
| 12,800.00 | 6,840.00 | 6,724.00 | 6,724.00 | 187.22 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,154.89 | 1,984.81 | 170.07 | 12.670 | | |
| 12,900.00 | 6,840.00 | 6,724.00 | 6,724.00 | 189.88 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,060.27 | 1,887.20 | 173.07 | 11.904 | | |
| 13,000.00 | 6,840.00 | 6,724.00 | 6,724.00 | 192.54 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,966.19 | 1,789.76 | 176.43 | 11.145 | | |
| 13,100.00 | 6,840.00 | 6,724.00 | 6,724.00 | 195.20 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,872.72 | 1,692.54 | 180.18 | 10.393 | | |
| 13,200.00 | 6,840.00 | 6,724.00 | 6,724.00 | 197.87 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,779.97 | 1,595.57 | 184.40 | 9.653 | | |
| 13,300.00 | 6,840.00 | 6,724.00 | 6,724.00 | 200.53 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,688.04 | 1,498.91 | 189.13 | 8.925 | | |
| 13,400.00 | 6,840.00 | 6,724.00 | 6,724.00 | 203.20 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,597.08 | 1,402.63 | 194.45 | 8.213 | | |
| 13,500.00 | 6,840.00 | 6,724.00 | 6,724.00 | 205.87 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,507.26 | 1,306.83 | 200.44 | 7.520 | | |
| 13,600.00 | 6,840.00 | 6,724.00 | 6,724.00 | 208.54 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,418.81 | 1,211.62 | 207.19 | 6.848 | | |
| 13,700.00 | 6,840.00 | 6,724.00 | 6,724.00 | 211.22 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,332.00 | 1,117.17 | 214.83 | 6.200 | | |
| 13,800.00 | 6,840.00 | 6,724.00 | 6,724.00 | 213.89 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,247.16 | 1,023.71 | 223.45 | 5.581 | | |
| 13,900.00 | 6,840.00 | 6,724.00 | 6,724.00 | 216.56 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,164.73 | 931.54 | 233.19 | 4.995 | | |
| 14,000.00 | 6,840.00 | 6,724.00 | 6,724.00 | 219.24 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,085.25 | 841.08 | 244.17 | 4.445 | | |
| 14,100.00 | 6,840.00 | 6,724.00 | 6,724.00 | 221.92 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,009.44 | 752.96 | 256.48 | 3.936 | | |
| 14,200.00 | 6,840.00 | 6,724.00 | 6,724.00 | 224.59 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 938.16 | 668.01 | 270.15 | 3.473 | | |
| 14,300.00 | 6,840.00 | 6,724.00 | 6,724.00 | 227.27 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 872.55 | 587.47 | 285.07 | 3.061 | | |
| 14,400.00 | 6,840.00 | 6,724.00 | 6,724.00 | 229.95 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 813.95 | 513.02 | 300.93 | 2.705 | | |
| 14,500.00 | 6,840.00 | 6,724.00 | 6,724.00 | 232.63 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 764.01 | 446.94 | 317.07 | 2.410 | | |
| 14,600.00 | 6,840.00 | 6,724.00 | 6,724.00 | 235.31 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 724.50 | 392.07 | 332.43 | 2.179 | | |
| 14,700.00 | 6,840.00 | 6,724.00 | 6,724.00 | 238.00 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 697.20 | 351.62 | 345.58 | 2.017 | | |
| 14,800.00 | 6,840.00 | 6,724.00 | 6,724.00 | 240.68 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 683.57 | 328.53 | 355.04 | 1.925 | | |
| 14,844.07 | 6,840.00 | 6,724.00 | 6,724.00 | 241.86 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 682.15 | 324.42 | 357.73 | 1.907 | CC, ES | |
| 14,900.00 | 6,840.00 | 6,724.00 | 6,724.00 | 243.36 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 684.44 | 324.71 | 359.73 | 1.903 | SF | |
| 15,000.00 | 6,840.00 | 6,724.00 | 6,724.00 | 246.05 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 699.75 | 340.36 | 359.39 | 1.947 | | |
| 15,100.00 | 6,840.00 | 6,724.00 | 6,724.00 | 248.74 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 728.58 | 373.94 | 354.64 | 2.054 | | |
| 15,200.00 | 6,840.00 | 6,724.00 | 6,724.00 | 251.42 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 769.43 | 422.75 | 346.68 | 2.219 | | |
| 15,300.00 | 6,840.00 | 6,724.00 | 6,724.00 | 254.11 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 820.49 | 483.67 | 336.82 | 2.436 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INCL-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,400.00 | 6,840.00 | 6,724.00 | 6,724.00 | 256.80 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 880.00 | 553.85 | 326.14 | 2.698 | | |
| 15,500.00 | 6,840.00 | 6,724.00 | 6,724.00 | 259.49 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 946.35 | 630.93 | 315.42 | 3.000 | | |
| 15,600.00 | 6,840.00 | 6,724.00 | 6,724.00 | 262.17 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,018.22 | 713.09 | 305.13 | 3.337 | | |
| 15,700.00 | 6,840.00 | 6,724.00 | 6,724.00 | 264.86 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,094.51 | 799.00 | 295.51 | 3.704 | | |
| 15,800.00 | 6,840.00 | 6,724.00 | 6,724.00 | 267.55 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,174.37 | 887.70 | 286.67 | 4.097 | | |
| 15,900.00 | 6,840.00 | 6,724.00 | 6,724.00 | 270.25 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,257.11 | 978.49 | 278.62 | 4.512 | | |
| 16,000.00 | 6,840.00 | 6,724.00 | 6,724.00 | 272.94 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,342.20 | 1,070.89 | 271.32 | 4.947 | | |
| 16,100.00 | 6,840.00 | 6,724.00 | 6,724.00 | 275.63 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,429.23 | 1,164.51 | 264.72 | 5.399 | | |
| 16,200.00 | 6,840.00 | 6,724.00 | 6,724.00 | 278.32 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,517.86 | 1,259.11 | 258.75 | 5.866 | | |
| 16,300.00 | 6,840.00 | 6,724.00 | 6,724.00 | 281.02 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,607.82 | 1,354.47 | 253.35 | 6.346 | | |
| 16,400.00 | 6,840.00 | 6,724.00 | 6,724.00 | 283.71 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,698.90 | 1,450.44 | 248.46 | 6.838 | | |
| 16,500.00 | 6,840.00 | 6,724.00 | 6,724.00 | 286.40 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,790.93 | 1,546.92 | 244.02 | 7.339 | | |
| 16,600.00 | 6,840.00 | 6,724.00 | 6,724.00 | 289.10 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,883.78 | 1,643.81 | 239.97 | 7.850 | | |
| 16,700.00 | 6,840.00 | 6,724.00 | 6,724.00 | 291.79 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 1,977.33 | 1,741.04 | 236.29 | 8.368 | | |
| 16,800.00 | 6,840.00 | 6,724.00 | 6,724.00 | 294.49 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,071.47 | 1,838.56 | 232.91 | 8.894 | | |
| 16,900.00 | 6,840.00 | 6,724.00 | 6,724.00 | 297.19 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,166.15 | 1,936.33 | 229.82 | 9.425 | | |
| 17,000.00 | 6,840.00 | 6,724.00 | 6,724.00 | 299.88 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,261.28 | 2,034.30 | 226.98 | 9.963 | | |
| 17,100.00 | 6,840.00 | 6,724.00 | 6,724.00 | 302.58 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,356.81 | 2,132.46 | 224.36 | 10.505 | | |
| 17,200.00 | 6,840.00 | 6,724.00 | 6,724.00 | 305.28 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,452.70 | 2,230.77 | 221.94 | 11.051 | | |
| 17,300.00 | 6,840.00 | 6,724.00 | 6,724.00 | 307.97 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,548.91 | 2,329.21 | 219.70 | 11.602 | | |
| 17,400.00 | 6,840.00 | 6,724.00 | 6,724.00 | 310.67 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,645.40 | 2,427.77 | 217.62 | 12.156 | | |
| 17,500.00 | 6,840.00 | 6,724.00 | 6,724.00 | 313.37 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,742.14 | 2,526.44 | 215.70 | 12.713 | | |
| 17,600.00 | 6,840.00 | 6,724.00 | 6,724.00 | 316.07 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,839.10 | 2,625.20 | 213.90 | 13.273 | | |
| 17,700.00 | 6,840.00 | 6,724.00 | 6,724.00 | 318.77 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 2,936.27 | 2,724.05 | 212.23 | 13.836 | | |
| 17,800.00 | 6,840.00 | 6,724.00 | 6,724.00 | 321.47 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,033.62 | 2,822.96 | 210.66 | 14.400 | | |
| 17,900.00 | 6,840.00 | 6,724.00 | 6,724.00 | 324.17 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,131.14 | 2,921.95 | 209.20 | 14.967 | | |
| 18,000.00 | 6,840.00 | 6,724.00 | 6,724.00 | 326.87 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,228.82 | 3,020.99 | 207.82 | 15.536 | | |
| 18,100.00 | 6,840.00 | 6,724.00 | 6,724.00 | 329.57 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,326.63 | 3,120.09 | 206.54 | 16.107 | | |
| 18,200.00 | 6,840.00 | 6,724.00 | 6,724.00 | 332.27 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,424.56 | 3,219.24 | 205.33 | 16.679 | | |
| 18,300.00 | 6,840.00 | 6,724.00 | 6,724.00 | 334.97 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,522.61 | 3,318.43 | 204.19 | 17.252 | | |
| 18,400.00 | 6,840.00 | 6,724.00 | 6,724.00 | 337.67 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,620.77 | 3,417.66 | 203.11 | 17.826 | | |
| 18,500.00 | 6,840.00 | 6,724.00 | 6,724.00 | 340.38 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,719.03 | 3,516.93 | 202.10 | 18.402 | | |
| 18,600.00 | 6,840.00 | 6,724.00 | 6,724.00 | 343.08 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,817.38 | 3,616.24 | 201.14 | 18.979 | | |
| 18,700.00 | 6,840.00 | 6,724.00 | 6,724.00 | 345.78 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 3,915.81 | 3,715.57 | 200.24 | 19.556 | | |
| 18,800.00 | 6,840.00 | 6,724.00 | 6,724.00 | 348.48 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,014.32 | 3,814.94 | 199.38 | 20.134 | | |
| 18,900.00 | 6,840.00 | 6,724.00 | 6,724.00 | 351.19 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,112.90 | 3,914.33 | 198.57 | 20.713 | | |
| 19,000.00 | 6,840.00 | 6,724.00 | 6,724.00 | 353.89 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,211.55 | 4,013.75 | 197.80 | 21.292 | | |
| 19,100.00 | 6,840.00 | 6,724.00 | 6,724.00 | 356.59 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,310.26 | 4,113.19 | 197.07 | 21.872 | | |
| 19,200.00 | 6,840.00 | 6,724.00 | 6,724.00 | 359.30 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,409.02 | 4,212.65 | 196.37 | 22.452 | | |
| 19,300.00 | 6,840.00 | 6,724.00 | 6,724.00 | 362.00 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,507.85 | 4,312.13 | 195.71 | 23.033 | | |
| 19,400.00 | 6,840.00 | 6,724.00 | 6,724.00 | 364.71 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,606.72 | 4,411.64 | 195.08 | 23.614 | | |
| 19,500.00 | 6,840.00 | 6,724.00 | 6,724.00 | 367.41 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,705.64 | 4,511.15 | 194.49 | 24.195 | | |
| 19,600.00 | 6,840.00 | 6,724.00 | 6,724.00 | 370.11 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,804.61 | 4,610.69 | 193.92 | 24.777 | | |
| 19,700.00 | 6,840.00 | 6,724.00 | 6,724.00 | 372.82 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 4,903.61 | 4,710.24 | 193.37 | 25.358 | | |
| 19,800.00 | 6,840.00 | 6,724.00 | 6,724.00 | 375.53 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,002.66 | 4,809.81 | 192.86 | 25.940 | | |
| 19,900.00 | 6,840.00 | 6,724.00 | 6,724.00 | 378.23 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,101.75 | 4,909.38 | 192.36 | 26.522 | | |
| 20,000.00 | 6,840.00 | 6,724.00 | 6,724.00 | 380.94 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,200.86 | 5,008.98 | 191.89 | 27.103 | | |
| 20,100.00 | 6,840.00 | 6,724.00 | 6,724.00 | 383.64 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,300.02 | 5,108.58 | 191.44 | 27.685 | | |
| 20,200.00 | 6,840.00 | 6,724.00 | 6,724.00 | 386.35 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,399.20 | 5,208.19 | 191.01 | 28.267 | | |
| 20,300.00 | 6,840.00 | 6,724.00 | 6,724.00 | 389.05 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,498.41 | 5,307.82 | 190.59 | 28.849 | | |
| 20,400.00 | 6,840.00 | 6,724.00 | 6,724.00 | 391.76 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,597.65 | 5,407.45 | 190.20 | 29.430 | | |
| 20,442.82 | 6,840.00 | 6,724.00 | 6,724.00 | 392.92 | 116.40 | -90.00 | -1,644.37 | -9,754.48 | 5,640.16 | 5,450.12 | 190.04 | 29.679 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -90.80 | -96.31 | -6,919.70 | 6,921.44 | | | | | |
| 100.00 | 100.00 | 0.00 | 0.00 | 0.13 | 0.00 | -90.80 | -96.31 | -6,919.70 | 6,920.40 | 6,920.27 | 0.13 | N/A | | |
| 200.00 | 200.00 | 94.85 | 94.85 | 0.49 | 0.10 | -90.80 | -96.15 | -6,919.58 | 6,920.27 | 6,919.68 | 0.59 | N/A | | |
| 300.00 | 300.00 | 188.94 | 188.94 | 0.85 | 0.22 | -90.79 | -95.78 | -6,919.39 | 6,920.06 | 6,918.99 | 1.07 | 6,463.737 | | |
| 400.00 | 400.00 | 280.44 | 280.43 | 1.21 | 0.30 | -90.79 | -95.35 | -6,919.31 | 6,919.96 | 6,918.46 | 1.51 | 4,592.451 | | |
| 428.92 | 428.92 | 306.92 | 306.92 | 1.31 | 0.33 | -90.79 | -95.20 | -6,919.30 | 6,919.96 | 6,918.33 | 1.63 | 4,244.949 | | |
| 500.00 | 500.00 | 372.60 | 372.60 | 1.57 | 0.37 | -90.79 | -94.91 | -6,919.33 | 6,919.99 | 6,918.06 | 1.93 | 3,594.347 | | |
| 600.00 | 599.98 | 490.35 | 490.34 | 1.92 | 0.43 | 25.03 | -94.56 | -6,919.33 | 6,918.41 | 6,916.08 | 2.33 | 2,972.194 | | |
| 700.00 | 699.84 | 587.39 | 587.38 | 2.26 | 0.49 | 25.10 | -94.29 | -6,919.17 | 6,913.49 | 6,910.77 | 2.72 | 2,542.332 | | |
| 800.00 | 799.45 | 675.76 | 675.75 | 2.62 | 0.50 | 25.19 | -94.16 | -6,919.11 | 6,905.53 | 6,902.46 | 3.08 | 2,244.486 | | |
| 900.00 | 898.70 | 779.40 | 779.39 | 2.99 | 0.50 | 25.33 | -94.18 | -6,919.14 | 6,894.52 | 6,891.09 | 3.43 | 2,007.244 | | |
| 1,000.00 | 997.47 | 881.16 | 881.15 | 3.39 | 0.54 | 25.51 | -94.02 | -6,919.07 | 6,880.29 | 6,876.46 | 3.84 | 1,793.096 | | |
| 1,100.00 | 1,095.62 | 976.93 | 976.93 | 3.81 | 0.59 | 25.74 | -93.76 | -6,919.00 | 6,862.96 | 6,858.71 | 4.25 | 1,614.022 | | |
| 1,200.00 | 1,193.06 | 1,073.56 | 1,073.56 | 4.27 | 0.60 | 26.00 | -93.66 | -6,918.97 | 6,842.58 | 6,837.94 | 4.65 | 1,472.254 | | |
| 1,300.00 | 1,289.64 | 1,184.28 | 1,184.27 | 4.77 | 0.61 | 26.32 | -93.72 | -6,918.84 | 6,819.09 | 6,814.03 | 5.06 | 1,348.017 | | |
| 1,400.00 | 1,385.27 | 1,268.60 | 1,268.59 | 5.31 | 0.62 | 26.66 | -93.67 | -6,918.67 | 6,792.51 | 6,787.04 | 5.48 | 1,240.079 | | |
| 1,500.00 | 1,479.82 | 1,339.87 | 1,339.87 | 5.91 | 0.62 | 27.03 | -93.69 | -6,918.72 | 6,763.22 | 6,757.31 | 5.91 | 1,144.513 | | |
| 1,600.00 | 1,573.19 | 1,408.10 | 1,408.09 | 6.55 | 0.63 | 27.38 | -93.54 | -6,919.04 | 6,731.42 | 6,725.06 | 6.36 | 1,058.058 | | |
| 1,700.00 | 1,666.16 | 1,506.87 | 1,506.86 | 7.23 | 0.66 | 27.53 | -93.28 | -6,919.65 | 6,698.84 | 6,692.00 | 6.84 | 979.655 | | |
| 1,800.00 | 1,759.13 | 1,628.44 | 1,628.43 | 7.93 | 0.67 | 27.72 | -93.31 | -6,919.93 | 6,665.91 | 6,658.60 | 7.31 | 912.345 | | |
| 1,900.00 | 1,852.10 | 1,700.03 | 1,700.02 | 8.64 | 0.68 | 27.83 | -93.34 | -6,920.14 | 6,633.11 | 6,625.32 | 7.78 | 852.118 | | |
| 2,000.00 | 1,945.06 | 1,790.34 | 1,790.33 | 9.35 | 0.71 | 27.98 | -93.30 | -6,920.57 | 6,600.51 | 6,592.23 | 8.29 | 796.566 | | |
| 2,100.00 | 2,038.03 | 1,918.53 | 1,918.52 | 10.08 | 0.72 | 28.18 | -93.50 | -6,920.77 | 6,567.63 | 6,558.86 | 8.77 | 748.675 | | |
| 2,200.00 | 2,131.00 | 1,981.73 | 1,981.72 | 10.81 | 0.72 | 28.28 | -93.64 | -6,920.89 | 6,534.85 | 6,525.58 | 9.27 | 705.039 | | |
| 2,300.00 | 2,223.97 | 2,089.85 | 2,089.84 | 11.54 | 0.75 | 28.45 | -93.73 | -6,921.31 | 6,502.31 | 6,492.52 | 9.79 | 664.401 | | |
| 2,400.00 | 2,316.94 | 2,207.19 | 2,207.18 | 12.28 | 0.76 | 28.65 | -93.58 | -6,921.30 | 6,469.43 | 6,459.15 | 10.28 | 629.099 | | |
| 2,500.00 | 2,409.90 | 2,290.25 | 2,290.24 | 13.02 | 0.76 | 28.79 | -93.52 | -6,921.22 | 6,436.52 | 6,425.73 | 10.78 | 596.805 | | |
| 2,600.00 | 2,502.87 | 2,351.74 | 2,351.73 | 13.77 | 0.76 | 28.89 | -93.58 | -6,921.33 | 6,403.91 | 6,392.61 | 11.30 | 566.674 | | |
| 2,700.00 | 2,595.84 | 2,413.77 | 2,413.75 | 14.51 | 0.77 | 29.00 | -93.49 | -6,921.78 | 6,371.84 | 6,360.01 | 11.83 | 538.828 | | |
| 2,800.00 | 2,688.81 | 2,492.01 | 2,491.99 | 15.26 | 0.80 | 29.13 | -93.39 | -6,922.61 | 6,340.13 | 6,327.77 | 12.37 | 512.729 | | |
| 2,900.00 | 2,781.77 | 2,624.91 | 2,624.89 | 16.01 | 0.84 | 29.36 | -93.25 | -6,923.66 | 6,308.19 | 6,295.28 | 12.91 | 488.594 | | |
| 3,000.00 | 2,874.74 | 2,700.00 | 2,699.97 | 16.76 | 0.87 | 29.49 | -93.03 | -6,924.17 | 6,276.24 | 6,262.78 | 13.46 | 466.360 | | |
| 3,100.00 | 2,967.71 | 2,778.17 | 2,778.14 | 17.52 | 0.89 | 29.63 | -92.66 | -6,924.92 | 6,244.58 | 6,230.58 | 14.01 | 445.762 | | |
| 3,200.00 | 3,060.68 | 3,200.00 | 2,974.31 | 18.27 | 0.95 | 29.99 | -92.01 | -6,925.31 | 6,212.23 | 6,197.70 | 14.54 | 427.378 | | |
| 3,300.00 | 3,153.65 | 3,085.51 | 3,085.47 | 19.03 | 0.95 | 30.19 | -92.28 | -6,924.29 | 6,178.88 | 6,163.81 | 15.06 | 410.200 | | |
| 3,400.00 | 3,246.61 | 3,170.63 | 3,170.58 | 19.78 | 0.96 | 30.34 | -92.52 | -6,923.62 | 6,145.73 | 6,130.13 | 15.61 | 393.737 | | |
| 3,500.00 | 3,339.58 | 3,235.09 | 3,235.04 | 20.54 | 0.97 | 30.46 | -92.66 | -6,923.24 | 6,112.84 | 6,096.68 | 16.16 | 378.342 | | |
| 3,600.00 | 3,432.55 | 3,300.00 | 3,299.95 | 21.30 | 0.97 | 30.58 | -92.63 | -6,923.31 | 6,080.59 | 6,063.89 | 16.70 | 364.029 | | |
| 3,700.00 | 3,525.52 | 3,329.85 | 3,329.80 | 22.06 | 0.97 | 30.63 | -92.58 | -6,923.57 | 6,049.04 | 6,031.76 | 17.28 | 350.085 | | |
| 3,800.00 | 3,618.49 | 3,368.61 | 3,368.55 | 22.82 | 0.99 | 30.71 | -92.54 | -6,924.21 | 6,018.39 | 6,000.54 | 17.86 | 337.046 | | |
| 3,900.00 | 3,711.45 | 3,400.00 | 3,399.94 | 23.57 | 1.00 | 30.77 | -92.51 | -6,925.00 | 5,988.67 | 5,970.23 | 18.44 | 324.801 | | |
| 4,000.00 | 3,804.42 | 3,468.54 | 3,468.44 | 24.33 | 1.02 | 30.90 | -92.43 | -6,927.21 | 5,959.63 | 5,940.61 | 19.02 | 313.362 | | |
| 4,100.00 | 3,897.39 | 3,541.42 | 3,541.26 | 25.09 | 1.04 | 31.03 | -92.28 | -6,930.02 | 5,931.18 | 5,911.58 | 19.60 | 302.593 | | |
| 4,200.00 | 3,990.36 | 3,633.08 | 3,632.85 | 25.86 | 1.07 | 31.21 | -92.06 | -6,933.65 | 5,902.92 | 5,882.73 | 20.18 | 292.450 | | |
| 4,300.00 | 4,083.32 | 3,725.36 | 3,725.06 | 26.62 | 1.09 | 31.39 | -91.84 | -6,937.34 | 5,874.74 | 5,853.97 | 20.77 | 282.839 | | |
| 4,400.00 | 4,176.29 | 3,817.47 | 3,817.10 | 27.38 | 1.12 | 31.57 | -91.60 | -6,941.05 | 5,846.65 | 5,825.29 | 21.36 | 273.720 | | |
| 4,500.00 | 4,269.26 | 3,908.96 | 3,908.51 | 28.14 | 1.15 | 31.75 | -91.35 | -6,944.78 | 5,818.66 | 5,796.71 | 21.95 | 265.055 | | |
| 4,600.00 | 4,362.23 | 4,002.45 | 4,001.92 | 28.90 | 1.18 | 31.94 | -91.07 | -6,948.62 | 5,790.77 | 5,768.22 | 22.55 | 256.820 | | |
| 4,700.00 | 4,455.20 | 4,168.26 | 4,167.63 | 29.66 | 1.23 | 32.28 | -89.90 | -6,954.29 | 5,762.30 | 5,739.17 | 23.13 | 249.129 | | |
| 4,800.00 | 4,548.16 | 4,257.68 | 4,257.01 | 30.43 | 1.25 | 32.47 | -89.04 | -6,956.72 | 5,733.29 | 5,709.56 | 23.73 | 241.579 | | |
| 4,900.00 | 4,641.13 | 4,410.47 | 4,409.73 | 31.19 | 1.30 | 32.81 | -86.79 | -6,960.63 | 5,704.39 | 5,680.07 | 24.32 | 234.554 | | |
| 5,000.00 | 4,734.10 | 4,490.71 | 4,489.95 | 31.95 | 1.33 | 32.99 | -85.37 | -6,962.19 | 5,674.86 | 5,649.92 | 24.93 | 227.619 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,730.65 | 4,729.85 | 32.71 | 1.37 | 33.53 | -82.98 | -6,963.58 | 5,643.79 | 5,618.34 | 25.45 | 221.726 | | |
| 5,200.00 | 4,920.04 | 4,839.75 | 4,838.95 | 33.48 | 1.38 | 33.77 | -82.94 | -6,962.77 | 5,611.74 | 5,585.71 | 26.03 | 215.604 | | |
| 5,300.00 | 5,013.00 | 4,911.80 | 4,911.00 | 34.24 | 1.38 | 33.93 | -82.76 | -6,962.35 | 5,579.95 | 5,553.32 | 26.63 | 209.523 | | |
| 5,400.00 | 5,105.97 | 4,980.20 | 4,979.41 | 35.00 | 1.38 | 34.09 | -82.62 | -6,962.24 | 5,548.61 | 5,521.37 | 27.24 | 203.681 | | |
| 5,500.00 | 5,198.94 | 5,081.76 | 5,080.96 | 35.77 | 1.39 | 34.31 | -82.67 | -6,962.33 | 5,517.55 | 5,489.72 | 27.83 | 198.234 | | |
| 5,600.00 | 5,291.91 | 5,179.20 | 5,178.40 | 36.53 | 1.39 | 34.54 | -82.65 | -6,962.20 | 5,486.35 | 5,457.92 | 28.43 | 193.011 | | |
| 5,700.00 | 5,384.87 | 5,268.72 | 5,267.92 | 37.29 | 1.40 | 34.75 | -82.31 | -6,962.03 | 5,455.23 | 5,426.19 | 29.03 | 187.890 | | |
| 5,800.00 | 5,477.84 | 5,356.39 | 5,355.59 | 38.06 | 1.41 | 34.95 | -82.11 | -6,961.97 | 5,424.26 | 5,394.61 | 29.65 | 182.937 | | |
| 5,900.00 | 5,570.81 | 5,436.12 | 5,435.32 | 38.82 | 1.43 | 35.15 | -81.52 | -6,961.96 | 5,393.50 | 5,363.21 | 30.28 | 178.114 | | |
| 6,000.00 | 5,663.78 | 5,514.31 | 5,513.50 | 39.59 | 1.45 | 35.34 | -80.85 | -6,962.23 | 5,363.13 | 5,332.21 | 30.92 | 173.452 | | |
| 6,100.00 | 5,756.75 | 5,619.65 | 5,618.84 | 40.35 | 1.48 | 35.60 | -80.17 | -6,962.47 | 5,332.72 | 5,301.18 | 31.55 | 169.042 | | |
| 6,200.00 | 5,849.71 | 5,686.70 | 5,685.89 | 41.12 | 1.50 | 35.77 | -79.68 | -6,962.77 | 5,302.62 | 5,270.42 | 32.20 | 164.668 | | |
| 6,300.00 | 5,942.68 | 5,844.16 | 5,843.31 | 41.88 | 1.54 | 36.19 | -76.74 | -6,963.01 | 5,272.64 | 5,239.84 | 32.80 | 160.742 | | |
| 6,400.00 | 6,035.65 | 6,400.00 | 6,060.39 | 42.64 | 1.62 | 36.79 | -72.10 | -6,958.70 | 5,240.64 | 5,207.27 | 33.37 | 157.047 | | |
| 6,500.00 | 6,128.62 | 6,200.00 | 6,198.93 | 43.41 | 1.59 | 37.19 | -69.88 | -6,953.20 | 5,206.70 | 5,172.76 | 33.95 | 153.379 | | |
| 6,600.00 | 6,221.59 | 6,268.77 | 6,267.64 | 44.17 | 1.59 | 37.38 | -69.38 | -6,950.65 | 5,173.20 | 5,138.60 | 34.61 | 149.486 | | |
| 6,700.00 | 6,314.55 | 6,337.14 | 6,335.98 | 44.94 | 1.60 | 37.56 | -69.17 | -6,948.54 | 5,140.28 | 5,105.01 | 35.27 | 145.738 | | |
| 6,800.00 | 6,407.52 | 6,400.00 | 6,398.82 | 45.70 | 1.60 | 37.73 | -69.07 | -6,946.85 | 5,107.83 | 5,071.88 | 35.94 | 142.103 | | |
| 6,900.00 | 6,499.98 | 6,466.48 | 6,465.29 | 46.49 | 1.61 | 34.09 | -69.02 | -6,945.42 | 5,074.59 | 5,037.96 | 36.63 | 138.551 | | |
| 7,000.00 | 6,586.50 | 6,550.32 | 6,549.12 | 47.49 | 1.62 | 29.25 | -69.05 | -6,944.14 | 5,028.96 | 4,991.63 | 37.34 | 134.684 | | |
| 7,100.00 | 6,663.58 | 6,630.48 | 6,629.26 | 48.75 | 1.62 | 27.93 | -69.24 | -6,942.65 | 4,968.73 | 4,930.66 | 38.07 | 130.499 | | |
| 7,200.00 | 6,728.87 | 6,676.01 | 6,674.78 | 50.23 | 1.62 | 29.01 | -69.57 | -6,941.98 | 4,896.23 | 4,857.40 | 38.83 | 126.092 | | |
| 7,300.00 | 6,780.38 | 6,716.09 | 6,714.86 | 51.91 | 1.62 | 33.05 | -69.98 | -6,941.55 | 4,813.59 | 4,774.05 | 39.54 | 121.725 | | |
| 7,400.00 | 6,816.56 | 6,749.50 | 6,748.26 | 53.74 | 1.62 | 42.59 | -70.28 | -6,941.22 | 4,723.15 | 4,682.96 | 40.19 | 117.524 | | |
| 7,500.00 | 6,836.29 | 6,767.26 | 6,766.02 | 55.65 | 1.62 | 65.26 | -70.41 | -6,941.04 | 4,627.60 | 4,586.85 | 40.75 | 113.561 | | |
| 7,600.00 | 6,840.00 | 6,769.81 | 6,768.58 | 57.58 | 1.62 | 93.20 | -70.42 | -6,941.01 | 4,529.80 | 4,488.58 | 41.22 | 109.893 | | |
| 7,700.00 | 6,840.00 | 6,768.86 | 6,767.62 | 59.56 | 1.62 | 93.14 | -70.42 | -6,941.02 | 4,431.87 | 4,390.18 | 41.69 | 106.310 | | |
| 7,800.00 | 6,840.00 | 6,767.90 | 6,766.67 | 61.60 | 1.62 | 93.08 | -70.41 | -6,941.03 | 4,334.03 | 4,291.85 | 42.19 | 102.738 | | |
| 7,900.00 | 6,840.00 | 6,766.95 | 6,765.71 | 63.69 | 1.62 | 93.02 | -70.41 | -6,941.04 | 4,236.30 | 4,193.58 | 42.71 | 99.179 | | |
| 8,000.00 | 6,840.00 | 6,765.99 | 6,764.76 | 65.82 | 1.62 | 92.96 | -70.40 | -6,941.05 | 4,138.67 | 4,095.39 | 43.28 | 95.636 | | |
| 8,100.00 | 6,840.00 | 6,765.04 | 6,763.80 | 67.99 | 1.62 | 92.90 | -70.39 | -6,941.06 | 4,041.16 | 3,997.28 | 43.87 | 92.110 | | |
| 8,200.00 | 6,840.00 | 6,764.08 | 6,762.85 | 70.21 | 1.62 | 92.84 | -70.39 | -6,941.07 | 3,943.77 | 3,899.26 | 44.51 | 88.605 | | |
| 8,300.00 | 6,840.00 | 6,763.13 | 6,761.90 | 72.45 | 1.62 | 92.78 | -70.38 | -6,941.08 | 3,846.51 | 3,801.32 | 45.19 | 85.123 | | |
| 8,400.00 | 6,840.00 | 6,762.18 | 6,760.94 | 74.73 | 1.62 | 92.72 | -70.37 | -6,941.09 | 3,749.40 | 3,703.49 | 45.91 | 81.666 | | |
| 8,500.00 | 6,840.00 | 6,761.22 | 6,759.99 | 77.04 | 1.62 | 92.66 | -70.37 | -6,941.10 | 3,652.45 | 3,605.76 | 46.68 | 78.238 | | |
| 8,600.00 | 6,840.00 | 6,760.27 | 6,759.04 | 79.38 | 1.62 | 92.60 | -70.36 | -6,941.11 | 3,555.66 | 3,508.15 | 47.51 | 74.842 | | |
| 8,700.00 | 6,840.00 | 6,759.32 | 6,758.08 | 81.74 | 1.62 | 92.54 | -70.35 | -6,941.12 | 3,459.06 | 3,410.66 | 48.39 | 71.480 | | |
| 8,800.00 | 6,840.00 | 6,758.36 | 6,757.13 | 84.12 | 1.62 | 92.48 | -70.35 | -6,941.13 | 3,362.65 | 3,313.31 | 49.34 | 68.156 | | |
| 8,900.00 | 6,840.00 | 6,757.41 | 6,756.18 | 86.52 | 1.62 | 92.41 | -70.34 | -6,941.14 | 3,266.46 | 3,216.11 | 50.35 | 64.874 | | |
| 9,000.00 | 6,840.00 | 6,756.46 | 6,755.23 | 88.94 | 1.62 | 92.35 | -70.33 | -6,941.15 | 3,170.51 | 3,119.07 | 51.44 | 61.638 | | |
| 9,100.00 | 6,840.00 | 6,755.51 | 6,754.27 | 91.38 | 1.62 | 92.29 | -70.33 | -6,941.16 | 3,074.81 | 3,022.20 | 52.61 | 58.450 | | |
| 9,200.00 | 6,840.00 | 6,754.55 | 6,753.32 | 93.83 | 1.62 | 92.23 | -70.32 | -6,941.17 | 2,979.39 | 2,925.53 | 53.86 | 55.316 | | |
| 9,300.00 | 6,840.00 | 6,753.60 | 6,752.37 | 96.30 | 1.62 | 92.17 | -70.31 | -6,941.18 | 2,884.29 | 2,829.08 | 55.21 | 52.239 | | |
| 9,400.00 | 6,840.00 | 6,752.65 | 6,751.42 | 98.79 | 1.62 | 92.11 | -70.30 | -6,941.19 | 2,789.53 | 2,732.86 | 56.67 | 49.223 | | |
| 9,500.00 | 6,840.00 | 6,751.70 | 6,750.47 | 101.28 | 1.62 | 92.05 | -70.30 | -6,941.20 | 2,695.14 | 2,636.90 | 58.25 | 46.272 | | |
| 9,600.00 | 6,840.00 | 6,750.75 | 6,749.52 | 103.79 | 1.62 | 91.99 | -70.29 | -6,941.20 | 2,601.18 | 2,541.23 | 59.95 | 43.391 | | |
| 9,700.00 | 6,840.00 | 6,749.80 | 6,748.57 | 106.30 | 1.62 | 91.93 | -70.28 | -6,941.21 | 2,507.68 | 2,445.89 | 61.79 | 40.585 | | |
| 9,800.00 | 6,840.00 | 6,748.85 | 6,747.61 | 108.83 | 1.62 | 91.87 | -70.27 | -6,941.22 | 2,414.70 | 2,350.92 | 63.78 | 37.857 | | |
| 9,900.00 | 6,840.00 | 6,747.90 | 6,746.66 | 111.37 | 1.62 | 91.81 | -70.27 | -6,941.23 | 2,322.31 | 2,256.36 | 65.95 | 35.212 | | |
| 10,000.00 | 6,840.00 | 6,746.95 | 6,745.71 | 113.91 | 1.62 | 91.75 | -70.26 | -6,941.24 | 2,230.57 | 2,162.27 | 68.31 | 32.655 | | |
| 10,100.00 | 6,840.00 | 6,746.00 | 6,744.76 | 116.47 | 1.62 | 91.69 | -70.25 | -6,941.25 | 2,139.57 | 2,068.70 | 70.87 | 30.190 | | |
| 10,200.00 | 6,840.00 | 6,745.05 | 6,743.81 | 119.03 | 1.62 | 91.63 | -70.24 | -6,941.26 | 2,049.41 | 1,975.75 | 73.66 | 27.821 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,744.10 | 6,742.86 | 121.59 | 1.62 | 91.57 | -70.24 | -6,941.27 | 1,960.21 | 1,883.50 | 76.71 | 25.553 | | |
| 10,400.00 | 6,840.00 | 6,743.15 | 6,741.92 | 124.17 | 1.62 | 91.51 | -70.23 | -6,941.28 | 1,872.09 | 1,792.05 | 80.04 | 23.389 | | |
| 10,500.00 | 6,840.00 | 6,742.20 | 6,740.97 | 126.75 | 1.62 | 91.45 | -70.22 | -6,941.29 | 1,785.23 | 1,701.55 | 83.68 | 21.334 | | |
| 10,600.00 | 6,840.00 | 6,741.25 | 6,740.02 | 129.34 | 1.62 | 91.39 | -70.21 | -6,941.30 | 1,699.81 | 1,612.15 | 87.66 | 19.391 | | |
| 10,700.00 | 6,840.00 | 6,740.30 | 6,739.07 | 131.93 | 1.62 | 91.33 | -70.20 | -6,941.31 | 1,616.07 | 1,524.06 | 92.01 | 17.565 | | |
| 10,800.00 | 6,840.00 | 6,739.35 | 6,738.12 | 134.53 | 1.62 | 91.27 | -70.20 | -6,941.32 | 1,534.27 | 1,437.51 | 96.76 | 15.857 | | |
| 10,900.00 | 6,840.00 | 6,738.40 | 6,737.17 | 137.13 | 1.62 | 91.21 | -70.19 | -6,941.33 | 1,454.75 | 1,352.82 | 101.93 | 14.272 | | |
| 11,000.00 | 6,840.00 | 6,737.46 | 6,736.22 | 139.73 | 1.62 | 91.15 | -70.18 | -6,941.34 | 1,377.90 | 1,270.34 | 107.55 | 12.811 | | |
| 11,100.00 | 6,840.00 | 6,736.51 | 6,735.28 | 142.35 | 1.62 | 91.09 | -70.17 | -6,941.35 | 1,304.19 | 1,190.57 | 113.62 | 11.478 | | |
| 11,200.00 | 6,840.00 | 6,735.56 | 6,734.33 | 144.96 | 1.62 | 91.03 | -70.16 | -6,941.36 | 1,234.18 | 1,114.06 | 120.12 | 10.275 | | |
| 11,300.00 | 6,840.00 | 6,734.61 | 6,733.38 | 147.58 | 1.62 | 90.97 | -70.16 | -6,941.37 | 1,168.55 | 1,041.56 | 126.99 | 9.202 | | |
| 11,400.00 | 6,840.00 | 6,733.67 | 6,732.43 | 150.20 | 1.62 | 90.91 | -70.15 | -6,941.38 | 1,108.06 | 973.94 | 134.12 | 8.262 | | |
| 11,500.00 | 6,840.00 | 6,732.72 | 6,731.49 | 152.83 | 1.62 | 90.85 | -70.14 | -6,941.39 | 1,053.61 | 912.27 | 141.34 | 7.454 | | |
| 11,600.00 | 6,840.00 | 6,731.77 | 6,730.54 | 155.46 | 1.62 | 90.79 | -70.13 | -6,941.39 | 1,006.18 | 857.79 | 148.39 | 6.781 | | |
| 11,700.00 | 6,840.00 | 6,730.83 | 6,729.59 | 158.09 | 1.62 | 90.73 | -70.12 | -6,941.40 | 966.79 | 811.87 | 154.92 | 6.241 | | |
| 11,800.00 | 6,840.00 | 6,729.88 | 6,728.65 | 160.73 | 1.62 | 90.67 | -70.11 | -6,941.41 | 936.47 | 775.95 | 160.53 | 5.834 | | |
| 11,900.00 | 6,840.00 | 6,728.93 | 6,727.70 | 163.36 | 1.62 | 90.61 | -70.10 | -6,941.42 | 916.12 | 751.32 | 164.79 | 5.559 | | |
| 12,000.00 | 6,840.00 | 6,727.99 | 6,726.76 | 166.01 | 1.62 | 90.55 | -70.10 | -6,941.43 | 906.40 | 739.04 | 167.36 | 5.416 | | |
| 12,038.57 | 6,840.00 | 6,727.62 | 6,726.39 | 167.03 | 1.62 | 90.53 | -70.09 | -6,941.44 | 905.58 | 737.73 | 167.85 | 5.395 | CC, ES, SF | |
| 12,100.00 | 6,840.00 | 6,727.04 | 6,725.81 | 168.65 | 1.62 | 90.49 | -70.09 | -6,941.44 | 907.66 | 739.63 | 168.03 | 5.402 | | |
| 12,200.00 | 6,840.00 | 6,726.10 | 6,724.87 | 171.30 | 1.62 | 90.43 | -70.08 | -6,941.45 | 919.85 | 753.07 | 166.78 | 5.515 | | |
| 12,300.00 | 6,840.00 | 6,725.15 | 6,723.92 | 173.94 | 1.62 | 90.37 | -70.07 | -6,941.46 | 942.55 | 778.75 | 163.80 | 5.754 | | |
| 12,400.00 | 6,840.00 | 6,724.21 | 6,722.98 | 176.59 | 1.62 | 90.31 | -70.06 | -6,941.47 | 975.03 | 815.59 | 159.44 | 6.115 | | |
| 12,500.00 | 6,840.00 | 6,723.26 | 6,722.03 | 179.25 | 1.62 | 90.26 | -70.05 | -6,941.48 | 1,016.35 | 862.25 | 154.09 | 6.596 | | |
| 12,600.00 | 6,840.00 | 6,722.32 | 6,721.09 | 181.90 | 1.62 | 90.20 | -70.04 | -6,941.49 | 1,065.48 | 917.33 | 148.14 | 7.192 | | |
| 12,700.00 | 6,840.00 | 6,721.37 | 6,720.14 | 184.56 | 1.62 | 90.14 | -70.03 | -6,941.50 | 1,121.39 | 979.46 | 141.93 | 7.901 | | |
| 12,800.00 | 6,840.00 | 6,720.43 | 6,719.20 | 187.22 | 1.62 | 90.08 | -70.02 | -6,941.51 | 1,183.13 | 1,047.44 | 135.69 | 8.719 | | |
| 12,900.00 | 6,840.00 | 6,719.49 | 6,718.26 | 189.88 | 1.62 | 90.02 | -70.01 | -6,941.52 | 1,249.82 | 1,120.21 | 129.62 | 9.643 | | |
| 13,000.00 | 6,840.00 | 6,718.54 | 6,717.31 | 192.54 | 1.62 | 89.96 | -70.00 | -6,941.53 | 1,320.73 | 1,196.91 | 123.82 | 10.667 | | |
| 13,100.00 | 6,840.00 | 6,717.60 | 6,716.37 | 195.20 | 1.62 | 89.90 | -70.00 | -6,941.54 | 1,395.20 | 1,276.85 | 118.35 | 11.789 | | |
| 13,200.00 | 6,840.00 | 6,716.66 | 6,715.43 | 197.87 | 1.62 | 89.84 | -69.99 | -6,941.55 | 1,472.70 | 1,359.45 | 113.26 | 13.003 | | |
| 13,300.00 | 6,840.00 | 6,715.71 | 6,714.48 | 200.53 | 1.62 | 89.78 | -69.98 | -6,941.56 | 1,552.78 | 1,444.25 | 108.53 | 14.307 | | |
| 13,400.00 | 6,840.00 | 6,720.13 | 6,718.90 | 202.50 | 1.62 | 90.06 | -70.05 | -6,941.53 | 1,635.02 | 1,530.83 | 104.19 | 15.692 | | |
| 13,500.00 | 6,840.00 | 6,719.10 | 6,717.87 | 205.87 | 1.62 | 89.99 | -70.04 | -6,941.54 | 1,719.17 | 1,619.00 | 100.18 | 17.162 | | |
| 13,600.00 | 6,840.00 | 6,718.03 | 6,716.80 | 208.54 | 1.62 | 89.92 | -70.03 | -6,941.55 | 1,804.94 | 1,708.46 | 96.48 | 18.708 | | |
| 13,700.00 | 6,840.00 | 6,716.94 | 6,715.71 | 211.22 | 1.62 | 89.86 | -70.01 | -6,941.56 | 1,892.11 | 1,799.03 | 93.08 | 20.327 | | |
| 13,800.00 | 6,840.00 | 6,715.82 | 6,714.59 | 213.89 | 1.62 | 89.78 | -70.00 | -6,941.57 | 1,980.49 | 1,890.53 | 89.96 | 22.015 | | |
| 13,900.00 | 6,840.00 | 6,714.67 | 6,713.44 | 216.56 | 1.62 | 89.71 | -69.98 | -6,941.58 | 2,069.93 | 1,982.84 | 87.09 | 23.769 | | |
| 14,000.00 | 6,840.00 | 6,713.48 | 6,712.25 | 219.24 | 1.62 | 89.64 | -69.97 | -6,941.59 | 2,160.29 | 2,075.85 | 84.44 | 25.584 | | |
| 14,100.00 | 6,840.00 | 6,712.27 | 6,711.04 | 221.92 | 1.62 | 89.56 | -69.95 | -6,941.60 | 2,251.47 | 2,169.47 | 82.00 | 27.457 | | |
| 14,200.00 | 6,840.00 | 6,711.01 | 6,709.78 | 224.59 | 1.62 | 89.48 | -69.94 | -6,941.61 | 2,343.37 | 2,263.62 | 79.75 | 29.385 | | |
| 14,300.00 | 6,840.00 | 6,709.72 | 6,708.49 | 227.27 | 1.62 | 89.40 | -69.92 | -6,941.62 | 2,435.90 | 2,358.23 | 77.67 | 31.363 | | |
| 14,400.00 | 6,840.00 | 6,708.39 | 6,707.16 | 229.95 | 1.62 | 89.31 | -69.91 | -6,941.63 | 2,529.01 | 2,453.26 | 75.74 | 33.390 | | |
| 14,500.00 | 6,840.00 | 6,707.02 | 6,705.79 | 232.63 | 1.62 | 89.23 | -69.89 | -6,941.64 | 2,622.62 | 2,548.66 | 73.96 | 35.461 | | |
| 14,600.00 | 6,840.00 | 6,705.61 | 6,704.38 | 235.31 | 1.62 | 89.14 | -69.87 | -6,941.66 | 2,716.68 | 2,644.38 | 72.30 | 37.574 | | |
| 14,700.00 | 6,840.00 | 6,704.16 | 6,702.93 | 238.00 | 1.62 | 89.05 | -69.86 | -6,941.67 | 2,811.16 | 2,740.39 | 70.76 | 39.726 | | |
| 14,800.00 | 6,840.00 | 6,702.66 | 6,701.43 | 240.68 | 1.62 | 88.95 | -69.84 | -6,941.69 | 2,906.00 | 2,836.67 | 69.33 | 41.914 | | |
| 14,900.00 | 6,840.00 | 6,701.11 | 6,699.88 | 243.36 | 1.62 | 88.85 | -69.82 | -6,941.70 | 3,001.18 | 2,933.18 | 68.00 | 44.135 | | |
| 15,000.00 | 6,840.00 | 6,699.51 | 6,698.28 | 246.05 | 1.62 | 88.75 | -69.80 | -6,941.72 | 3,096.66 | 3,029.90 | 66.76 | 46.387 | | |
| 15,100.00 | 6,840.00 | 6,697.86 | 6,696.63 | 248.74 | 1.62 | 88.65 | -69.78 | -6,941.73 | 3,192.42 | 3,126.82 | 65.60 | 48.668 | | |
| 15,200.00 | 6,840.00 | 6,696.15 | 6,694.92 | 251.42 | 1.62 | 88.54 | -69.77 | -6,941.75 | 3,288.43 | 3,223.92 | 64.51 | 50.976 | | |
| 15,300.00 | 6,840.00 | 6,694.38 | 6,693.15 | 254.11 | 1.62 | 88.43 | -69.75 | -6,941.77 | 3,384.67 | 3,321.17 | 63.49 | 53.307 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,400.00 | 6,840.00 | 6,692.55 | 6,691.32 | 256.80 | 1.62 | 88.31 | -69.73 | -6,941.79 | 3,481.12 | 3,418.58 | 62.54 | 55.661 | | |
| 15,500.00 | 6,840.00 | 6,690.66 | 6,689.43 | 259.49 | 1.62 | 88.19 | -69.71 | -6,941.81 | 3,577.76 | 3,516.12 | 61.65 | 58.035 | | |
| 15,600.00 | 6,840.00 | 6,688.69 | 6,687.47 | 262.17 | 1.62 | 88.07 | -69.69 | -6,941.83 | 3,674.59 | 3,613.78 | 60.81 | 60.427 | | |
| 15,700.00 | 6,840.00 | 6,686.66 | 6,685.43 | 264.86 | 1.62 | 87.94 | -69.67 | -6,941.85 | 3,771.58 | 3,711.56 | 60.02 | 62.836 | | |
| 15,800.00 | 6,840.00 | 6,684.55 | 6,683.32 | 267.55 | 1.62 | 87.81 | -69.65 | -6,941.88 | 3,868.72 | 3,809.44 | 59.28 | 65.260 | | |
| 15,900.00 | 6,840.00 | 6,682.35 | 6,681.13 | 270.25 | 1.62 | 87.67 | -69.62 | -6,941.90 | 3,966.01 | 3,907.42 | 58.58 | 67.698 | | |
| 16,000.00 | 6,840.00 | 6,680.07 | 6,678.85 | 272.94 | 1.62 | 87.53 | -69.60 | -6,941.93 | 4,063.42 | 4,005.49 | 57.93 | 70.148 | | |
| 16,100.00 | 6,840.00 | 6,677.71 | 6,676.48 | 275.63 | 1.62 | 87.38 | -69.58 | -6,941.96 | 4,160.96 | 4,103.65 | 57.31 | 72.608 | | |
| 16,200.00 | 6,840.00 | 6,675.24 | 6,674.01 | 278.32 | 1.62 | 87.22 | -69.56 | -6,941.99 | 4,258.61 | 4,201.89 | 56.72 | 75.079 | | |
| 16,300.00 | 6,840.00 | 6,672.67 | 6,671.45 | 281.02 | 1.62 | 87.06 | -69.54 | -6,942.02 | 4,356.37 | 4,300.20 | 56.17 | 77.558 | | |
| 16,400.00 | 6,840.00 | 6,670.00 | 6,668.77 | 283.71 | 1.62 | 86.89 | -69.51 | -6,942.06 | 4,454.22 | 4,398.57 | 55.65 | 80.044 | | |
| 16,500.00 | 6,840.00 | 6,667.20 | 6,665.98 | 286.40 | 1.62 | 86.71 | -69.49 | -6,942.09 | 4,552.17 | 4,497.02 | 55.15 | 82.536 | | |
| 16,600.00 | 6,840.00 | 6,664.29 | 6,663.06 | 289.10 | 1.62 | 86.53 | -69.46 | -6,942.13 | 4,650.20 | 4,595.52 | 54.69 | 85.034 | | |
| 16,700.00 | 6,840.00 | 6,661.24 | 6,660.02 | 291.79 | 1.62 | 86.34 | -69.44 | -6,942.17 | 4,748.32 | 4,694.08 | 54.24 | 87.537 | | |
| 16,800.00 | 6,840.00 | 6,658.05 | 6,656.83 | 294.49 | 1.62 | 86.14 | -69.42 | -6,942.22 | 4,846.51 | 4,792.69 | 53.82 | 90.043 | | |
| 16,900.00 | 6,840.00 | 6,654.71 | 6,653.49 | 297.19 | 1.62 | 85.93 | -69.39 | -6,942.27 | 4,944.77 | 4,891.35 | 53.43 | 92.552 | | |
| 17,000.00 | 6,840.00 | 6,651.21 | 6,649.99 | 299.88 | 1.62 | 85.71 | -69.37 | -6,942.32 | 5,043.10 | 4,990.06 | 53.05 | 95.064 | | |
| 17,100.00 | 6,840.00 | 6,647.54 | 6,646.31 | 302.58 | 1.62 | 85.48 | -69.34 | -6,942.37 | 5,141.50 | 5,088.81 | 52.69 | 97.578 | | |
| 17,200.00 | 6,840.00 | 6,643.67 | 6,642.45 | 305.28 | 1.62 | 85.23 | -69.32 | -6,942.43 | 5,239.95 | 5,187.60 | 52.35 | 100.092 | | |
| 17,300.00 | 6,840.00 | 6,639.61 | 6,638.39 | 307.97 | 1.62 | 84.98 | -69.29 | -6,942.50 | 5,338.46 | 5,286.43 | 52.03 | 102.608 | | |
| 17,400.00 | 6,840.00 | 6,635.32 | 6,634.10 | 310.67 | 1.62 | 84.71 | -69.27 | -6,942.57 | 5,437.03 | 5,385.31 | 51.72 | 105.125 | | |
| 17,500.00 | 6,840.00 | 6,630.80 | 6,629.58 | 313.37 | 1.62 | 84.43 | -69.25 | -6,942.64 | 5,535.64 | 5,484.21 | 51.43 | 107.641 | | |
| 17,600.00 | 6,840.00 | 6,626.03 | 6,624.81 | 316.07 | 1.62 | 84.13 | -69.22 | -6,942.73 | 5,634.30 | 5,583.15 | 51.15 | 110.158 | | |
| 17,700.00 | 6,840.00 | 6,620.97 | 6,619.75 | 318.77 | 1.62 | 83.81 | -69.20 | -6,942.82 | 5,733.01 | 5,682.12 | 50.88 | 112.674 | | |
| 17,800.00 | 6,840.00 | 6,615.61 | 6,614.39 | 321.47 | 1.62 | 83.48 | -69.18 | -6,942.91 | 5,831.75 | 5,781.13 | 50.63 | 115.190 | | |
| 17,900.00 | 6,840.00 | 6,609.92 | 6,608.70 | 324.17 | 1.62 | 83.12 | -69.16 | -6,943.02 | 5,930.54 | 5,880.16 | 50.38 | 117.705 | | |
| 18,000.00 | 6,840.00 | 6,603.86 | 6,602.64 | 326.87 | 1.62 | 82.75 | -69.14 | -6,943.14 | 6,029.37 | 5,979.22 | 50.15 | 120.221 | | |
| 18,100.00 | 6,840.00 | 6,600.00 | 6,598.79 | 329.57 | 1.62 | 82.51 | -69.13 | -6,943.22 | 6,128.23 | 6,078.29 | 49.94 | 122.707 | | |
| 18,200.00 | 6,840.00 | 6,600.00 | 6,598.79 | 332.27 | 1.62 | 82.51 | -69.13 | -6,943.22 | 6,227.13 | 6,177.37 | 49.76 | 125.144 | | |
| 18,300.00 | 6,840.00 | 6,600.00 | 6,598.79 | 334.97 | 1.62 | 82.51 | -69.13 | -6,943.22 | 6,326.06 | 6,276.48 | 49.59 | 127.573 | | |
| 18,400.00 | 6,840.00 | 6,600.00 | 6,598.79 | 337.67 | 1.62 | 82.51 | -69.13 | -6,943.22 | 6,425.03 | 6,375.60 | 49.43 | 129.994 | | |
| 18,500.00 | 6,840.00 | 6,600.00 | 6,598.79 | 340.38 | 1.62 | 82.51 | -69.13 | -6,943.22 | 6,524.03 | 6,474.75 | 49.27 | 132.407 | | |
| 18,600.00 | 6,840.00 | 6,592.28 | 6,591.07 | 343.08 | 1.62 | 82.03 | -69.12 | -6,943.37 | 6,623.05 | 6,573.95 | 49.09 | 134.903 | | |
| 18,700.00 | 6,840.00 | 6,590.90 | 6,589.68 | 345.78 | 1.62 | 81.94 | -69.11 | -6,943.40 | 6,722.10 | 6,673.15 | 48.95 | 137.316 | | |
| 18,800.00 | 6,840.00 | 6,589.52 | 6,588.31 | 348.48 | 1.62 | 81.86 | -69.11 | -6,943.42 | 6,821.18 | 6,772.36 | 48.82 | 139.720 | | |
| 18,900.00 | 6,840.00 | 6,588.16 | 6,586.95 | 351.19 | 1.62 | 81.77 | -69.11 | -6,943.45 | 6,920.29 | 6,871.60 | 48.69 | 142.115 | | |
| 19,000.00 | 6,840.00 | 6,586.81 | 6,585.60 | 353.89 | 1.62 | 81.69 | -69.11 | -6,943.48 | 7,019.42 | 6,970.85 | 48.58 | 144.500 | | |
| 19,100.00 | 6,840.00 | 6,585.47 | 6,584.26 | 356.59 | 1.62 | 81.61 | -69.10 | -6,943.50 | 7,118.58 | 7,070.11 | 48.47 | 146.876 | | |
| 19,200.00 | 6,840.00 | 6,584.14 | 6,582.93 | 359.30 | 1.62 | 81.53 | -69.10 | -6,943.53 | 7,217.76 | 7,169.40 | 48.36 | 149.242 | | |
| 19,300.00 | 6,840.00 | 6,582.83 | 6,581.62 | 362.00 | 1.62 | 81.44 | -69.10 | -6,943.55 | 7,316.96 | 7,268.70 | 48.27 | 151.597 | | |
| 19,400.00 | 6,840.00 | 6,581.53 | 6,580.32 | 364.71 | 1.62 | 81.36 | -69.10 | -6,943.58 | 7,416.18 | 7,368.01 | 48.18 | 153.943 | | |
| 19,500.00 | 6,840.00 | 6,580.24 | 6,579.03 | 367.41 | 1.62 | 81.28 | -69.09 | -6,943.60 | 7,515.43 | 7,467.34 | 48.09 | 156.277 | | |
| 19,600.00 | 6,840.00 | 6,578.96 | 6,577.75 | 370.11 | 1.62 | 81.21 | -69.09 | -6,943.63 | 7,614.69 | 7,566.68 | 48.01 | 158.602 | | |
| 19,700.00 | 6,840.00 | 6,577.69 | 6,576.48 | 372.82 | 1.62 | 81.13 | -69.09 | -6,943.65 | 7,713.97 | 7,666.03 | 47.94 | 160.915 | | |
| 19,800.00 | 6,840.00 | 6,576.43 | 6,575.22 | 375.53 | 1.62 | 81.05 | -69.09 | -6,943.67 | 7,813.27 | 7,765.40 | 47.87 | 163.218 | | |
| 19,900.00 | 6,840.00 | 6,575.18 | 6,573.98 | 378.23 | 1.62 | 80.97 | -69.08 | -6,943.70 | 7,912.59 | 7,864.78 | 47.81 | 165.510 | | |
| 20,000.00 | 6,840.00 | 6,573.95 | 6,572.74 | 380.94 | 1.62 | 80.90 | -69.08 | -6,943.72 | 8,011.92 | 7,964.17 | 47.75 | 167.791 | | |
| 20,100.00 | 6,840.00 | 6,572.72 | 6,571.52 | 383.64 | 1.62 | 80.82 | -69.08 | -6,943.74 | 8,111.27 | 8,063.57 | 47.70 | 170.060 | | |
| 20,200.00 | 6,840.00 | 6,571.51 | 6,570.30 | 386.35 | 1.62 | 80.75 | -69.08 | -6,943.76 | 8,210.63 | 8,162.99 | 47.65 | 172.318 | | |
| 20,300.00 | 6,840.00 | 6,570.31 | 6,569.10 | 389.05 | 1.62 | 80.67 | -69.08 | -6,943.78 | 8,310.01 | 8,262.41 | 47.60 | 174.565 | | |
| 20,400.00 | 6,840.00 | 6,569.11 | 6,567.91 | 391.76 | 1.62 | 80.60 | -69.07 | -6,943.81 | 8,409.41 | 8,361.84 | 47.56 | 176.801 | | |
| 20,442.82 | 6,840.00 | 6,568.61 | 6,567.40 | 392.92 | 1.62 | 80.57 | -69.07 | -6,943.82 | 8,451.97 | 8,404.42 | 47.55 | 177.755 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT SHELTON R G 26-8 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -78.47 | 1,145.64 | -5,613.65 | 5,730.38 | | | | | |
| 100.00 | 100.00 | 8.00 | -8.00 | 0.13 | 0.06 | -78.47 | 1,145.64 | -5,613.65 | 5,729.36 | 5,729.16 | 0.20 | N/A | | |
| 200.00 | 200.00 | 108.00 | 92.00 | 0.49 | 0.93 | -78.47 | 1,145.64 | -5,613.65 | 5,729.36 | 5,727.94 | 1.42 | 4,040.669 | | |
| 300.00 | 300.00 | 208.00 | 192.00 | 0.85 | 2.67 | -78.47 | 1,145.64 | -5,613.65 | 5,729.36 | 5,725.84 | 3.52 | 1,626.862 | | |
| 400.00 | 400.00 | 308.00 | 292.00 | 1.21 | 4.42 | -78.47 | 1,145.64 | -5,613.65 | 5,729.36 | 5,723.74 | 5.63 | 1,018.458 | | |
| 500.00 | 500.00 | 408.00 | 392.00 | 1.57 | 6.16 | -78.47 | 1,145.64 | -5,613.65 | 5,729.36 | 5,721.63 | 7.73 | 741.250 | | |
| 600.00 | 599.98 | 508.02 | 491.98 | 1.92 | 7.91 | 37.36 | 1,145.64 | -5,613.65 | 5,727.97 | 5,718.15 | 9.82 | 583.193 | | |
| 700.00 | 699.84 | 608.16 | 591.84 | 2.26 | 9.65 | 37.44 | 1,145.64 | -5,613.65 | 5,723.81 | 5,711.90 | 11.91 | 480.479 | | |
| 800.00 | 799.45 | 708.55 | 691.45 | 2.62 | 11.41 | 37.58 | 1,145.64 | -5,613.65 | 5,716.89 | 5,702.87 | 14.02 | 407.855 | | |
| 900.00 | 898.70 | 809.30 | 790.70 | 2.99 | 13.16 | 37.77 | 1,145.64 | -5,613.65 | 5,707.22 | 5,691.08 | 16.14 | 353.668 | | |
| 1,000.00 | 997.47 | 889.47 | 889.47 | 3.39 | 14.56 | 38.02 | 1,145.64 | -5,613.65 | 5,694.82 | 5,676.91 | 17.91 | 317.975 | | |
| 1,100.00 | 1,095.62 | 987.62 | 987.62 | 3.81 | 16.28 | 38.33 | 1,145.64 | -5,613.65 | 5,679.71 | 5,659.70 | 20.01 | 283.847 | | |
| 1,200.00 | 1,193.06 | 1,085.06 | 1,085.06 | 4.27 | 17.98 | 38.69 | 1,145.64 | -5,613.65 | 5,661.93 | 5,639.82 | 22.11 | 256.038 | | |
| 1,300.00 | 1,289.64 | 1,181.64 | 1,181.64 | 4.77 | 19.66 | 39.12 | 1,145.64 | -5,613.65 | 5,641.52 | 5,617.30 | 24.22 | 232.907 | | |
| 1,400.00 | 1,385.27 | 1,277.27 | 1,277.27 | 5.31 | 21.33 | 39.60 | 1,145.64 | -5,613.65 | 5,618.52 | 5,592.18 | 26.34 | 213.338 | | |
| 1,500.00 | 1,479.82 | 1,371.82 | 1,371.82 | 5.91 | 22.98 | 40.15 | 1,145.64 | -5,613.65 | 5,592.97 | 5,564.51 | 28.46 | 196.541 | | |
| 1,600.00 | 1,573.19 | 1,465.19 | 1,465.19 | 6.55 | 24.61 | 40.69 | 1,145.64 | -5,613.65 | 5,564.98 | 5,534.39 | 30.59 | 181.939 | | |
| 1,700.00 | 1,666.16 | 1,558.16 | 1,558.16 | 7.23 | 26.24 | 40.93 | 1,145.64 | -5,613.65 | 5,536.25 | 5,503.53 | 32.72 | 169.185 | | |
| 1,800.00 | 1,759.13 | 1,651.13 | 1,651.13 | 7.93 | 27.86 | 41.17 | 1,145.64 | -5,613.65 | 5,507.62 | 5,472.74 | 34.87 | 157.932 | | |
| 1,900.00 | 1,852.10 | 1,744.10 | 1,744.10 | 8.64 | 29.48 | 41.42 | 1,145.64 | -5,613.65 | 5,479.08 | 5,442.05 | 37.04 | 147.941 | | |
| 2,000.00 | 1,945.06 | 1,837.06 | 1,837.06 | 9.35 | 31.10 | 41.66 | 1,145.64 | -5,613.65 | 5,450.65 | 5,411.44 | 39.21 | 139.017 | | |
| 2,100.00 | 2,038.03 | 1,930.03 | 1,930.03 | 10.08 | 32.73 | 41.92 | 1,145.64 | -5,613.65 | 5,422.32 | 5,380.93 | 41.39 | 131.004 | | |
| 2,200.00 | 2,131.00 | 2,023.00 | 2,023.00 | 10.81 | 34.35 | 42.17 | 1,145.64 | -5,613.65 | 5,394.09 | 5,350.51 | 43.58 | 123.773 | | |
| 2,300.00 | 2,223.97 | 2,115.97 | 2,115.97 | 11.54 | 35.97 | 42.42 | 1,145.64 | -5,613.65 | 5,365.96 | 5,320.18 | 45.78 | 117.217 | | |
| 2,400.00 | 2,316.94 | 2,208.94 | 2,208.94 | 12.28 | 37.59 | 42.68 | 1,145.64 | -5,613.65 | 5,337.94 | 5,289.96 | 47.98 | 111.249 | | |
| 2,500.00 | 2,409.90 | 2,301.90 | 2,301.90 | 13.02 | 39.22 | 42.94 | 1,145.64 | -5,613.65 | 5,310.03 | 5,259.84 | 50.19 | 105.794 | | |
| 2,600.00 | 2,502.87 | 2,405.13 | 2,394.87 | 13.77 | 41.02 | 43.21 | 1,145.64 | -5,613.65 | 5,282.23 | 5,229.64 | 52.59 | 100.447 | | |
| 2,700.00 | 2,595.84 | 2,487.84 | 2,487.84 | 14.51 | 42.46 | 43.47 | 1,145.64 | -5,613.65 | 5,254.54 | 5,199.91 | 54.63 | 96.184 | | |
| 2,800.00 | 2,688.81 | 2,580.81 | 2,580.81 | 15.26 | 44.08 | 43.74 | 1,145.64 | -5,613.65 | 5,226.96 | 5,170.10 | 56.86 | 91.931 | | |
| 2,900.00 | 2,781.77 | 2,673.77 | 2,673.77 | 16.01 | 45.71 | 44.01 | 1,145.64 | -5,613.65 | 5,199.49 | 5,140.40 | 59.09 | 87.994 | | |
| 3,000.00 | 2,874.74 | 2,766.74 | 2,766.74 | 16.76 | 47.33 | 44.29 | 1,145.64 | -5,613.65 | 5,172.15 | 5,110.82 | 61.33 | 84.338 | | |
| 3,100.00 | 2,967.71 | 2,859.71 | 2,859.71 | 17.52 | 48.95 | 44.56 | 1,145.64 | -5,613.65 | 5,144.92 | 5,081.35 | 63.57 | 80.935 | | |
| 3,200.00 | 3,060.68 | 2,952.68 | 2,952.68 | 18.27 | 50.57 | 44.84 | 1,145.64 | -5,613.65 | 5,117.81 | 5,051.99 | 65.81 | 77.761 | | |
| 3,300.00 | 3,153.65 | 3,045.65 | 3,045.65 | 19.03 | 52.20 | 45.12 | 1,145.64 | -5,613.65 | 5,090.82 | 5,022.76 | 68.07 | 74.792 | | |
| 3,400.00 | 3,246.61 | 3,138.61 | 3,138.61 | 19.78 | 53.82 | 45.41 | 1,145.64 | -5,613.65 | 5,063.96 | 4,993.64 | 70.32 | 72.011 | | |
| 3,500.00 | 3,339.58 | 3,231.58 | 3,231.58 | 20.54 | 55.44 | 45.70 | 1,145.64 | -5,613.65 | 5,037.23 | 4,964.64 | 72.58 | 69.400 | | |
| 3,600.00 | 3,432.55 | 3,324.55 | 3,324.55 | 21.30 | 57.06 | 45.99 | 1,145.64 | -5,613.65 | 5,010.62 | 4,935.77 | 74.85 | 66.945 | | |
| 3,700.00 | 3,525.52 | 3,417.52 | 3,417.52 | 22.06 | 58.69 | 46.28 | 1,145.64 | -5,613.65 | 4,984.14 | 4,907.02 | 77.12 | 64.631 | | |
| 3,800.00 | 3,618.49 | 3,510.49 | 3,510.49 | 22.82 | 60.31 | 46.58 | 1,145.64 | -5,613.65 | 4,957.79 | 4,878.40 | 79.39 | 62.449 | | |
| 3,900.00 | 3,711.45 | 3,603.45 | 3,603.45 | 23.57 | 61.93 | 46.88 | 1,145.64 | -5,613.65 | 4,931.58 | 4,849.92 | 81.67 | 60.386 | | |
| 4,000.00 | 3,804.42 | 3,703.58 | 3,696.42 | 24.33 | 63.68 | 47.18 | 1,145.64 | -5,613.65 | 4,905.51 | 4,821.43 | 84.08 | 58.346 | | |
| 4,100.00 | 3,897.39 | 3,789.39 | 3,789.39 | 25.09 | 65.18 | 47.49 | 1,145.64 | -5,613.65 | 4,879.57 | 4,793.34 | 86.24 | 56.583 | | |
| 4,200.00 | 3,990.36 | 3,882.36 | 3,882.36 | 25.86 | 66.80 | 47.79 | 1,145.64 | -5,613.65 | 4,853.78 | 4,765.25 | 88.53 | 54.827 | | |
| 4,300.00 | 4,083.32 | 3,975.32 | 3,975.32 | 26.62 | 68.42 | 48.11 | 1,145.64 | -5,613.65 | 4,828.13 | 4,737.30 | 90.82 | 53.159 | | |
| 4,400.00 | 4,176.29 | 4,068.29 | 4,068.29 | 27.38 | 70.05 | 48.42 | 1,145.64 | -5,613.65 | 4,802.62 | 4,709.50 | 93.12 | 51.572 | | |
| 4,500.00 | 4,269.26 | 4,161.26 | 4,161.26 | 28.14 | 71.67 | 48.74 | 1,145.64 | -5,613.65 | 4,777.26 | 4,681.84 | 95.43 | 50.061 | | |
| 4,600.00 | 4,362.23 | 4,254.23 | 4,254.23 | 28.90 | 73.29 | 49.06 | 1,145.64 | -5,613.65 | 4,752.06 | 4,654.32 | 97.74 | 48.620 | | |
| 4,700.00 | 4,455.20 | 4,347.20 | 4,347.20 | 29.66 | 74.91 | 49.38 | 1,145.64 | -5,613.65 | 4,727.00 | 4,626.95 | 100.05 | 47.246 | | |
| 4,800.00 | 4,548.16 | 4,440.16 | 4,440.16 | 30.43 | 76.54 | 49.71 | 1,145.64 | -5,613.65 | 4,702.10 | 4,599.73 | 102.37 | 45.933 | | |
| 4,900.00 | 4,641.13 | 4,533.13 | 4,533.13 | 31.19 | 78.16 | 50.04 | 1,145.64 | -5,613.65 | 4,677.36 | 4,572.67 | 104.69 | 44.678 | | |
| 5,000.00 | 4,734.10 | 4,626.10 | 4,626.10 | 31.95 | 79.78 | 50.37 | 1,145.64 | -5,613.65 | 4,652.78 | 4,545.76 | 107.02 | 43.477 | | |
| 5,100.00 | 4,827.07 | 4,719.07 | 4,719.07 | 32.71 | 81.40 | 50.71 | 1,145.64 | -5,613.65 | 4,628.36 | 4,519.01 | 109.35 | 42.327 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT SHELTON R G 26-8 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,200.00 | 4,920.04 | 4,812.04 | 4,812.04 | 33.48 | 83.03 | 51.05 | 1,145.64 | -5,613.65 | 4,604.10 | 4,492.42 | 111.68 | 41.224 | | |
| 5,300.00 | 5,013.00 | 4,905.00 | 4,905.00 | 34.24 | 84.65 | 51.39 | 1,145.64 | -5,613.65 | 4,580.02 | 4,465.99 | 114.02 | 40.167 | | |
| 5,400.00 | 5,105.97 | 5,002.03 | 4,997.97 | 35.00 | 86.34 | 51.74 | 1,145.64 | -5,613.65 | 4,556.10 | 4,439.66 | 116.44 | 39.128 | | |
| 5,500.00 | 5,198.94 | 5,109.06 | 5,090.94 | 35.77 | 88.21 | 52.09 | 1,145.64 | -5,613.65 | 4,532.36 | 4,413.32 | 119.03 | 38.076 | | |
| 5,600.00 | 5,291.91 | 5,183.91 | 5,183.91 | 36.53 | 89.52 | 52.44 | 1,145.64 | -5,613.65 | 4,508.79 | 4,387.72 | 121.07 | 37.241 | | |
| 5,700.00 | 5,384.87 | 5,276.87 | 5,276.87 | 37.29 | 91.14 | 52.80 | 1,145.64 | -5,613.65 | 4,485.40 | 4,361.97 | 123.43 | 36.340 | | |
| 5,800.00 | 5,477.84 | 5,369.84 | 5,369.84 | 38.06 | 92.76 | 53.16 | 1,145.64 | -5,613.65 | 4,462.20 | 4,336.40 | 125.79 | 35.473 | | |
| 5,900.00 | 5,570.81 | 5,462.81 | 5,462.81 | 38.82 | 94.38 | 53.52 | 1,145.64 | -5,613.65 | 4,439.17 | 4,311.02 | 128.16 | 34.638 | | |
| 6,000.00 | 5,663.78 | 5,555.78 | 5,555.78 | 39.59 | 96.01 | 53.89 | 1,145.64 | -5,613.65 | 4,416.34 | 4,285.81 | 130.53 | 33.834 | | |
| 6,100.00 | 5,756.75 | 5,648.75 | 5,648.75 | 40.35 | 97.63 | 54.26 | 1,145.64 | -5,613.65 | 4,393.69 | 4,260.79 | 132.91 | 33.059 | | |
| 6,200.00 | 5,849.71 | 5,741.71 | 5,741.71 | 41.12 | 99.25 | 54.63 | 1,145.64 | -5,613.65 | 4,371.24 | 4,235.96 | 135.29 | 32.311 | | |
| 6,300.00 | 5,942.68 | 5,834.68 | 5,834.68 | 41.88 | 100.87 | 55.01 | 1,145.64 | -5,613.65 | 4,348.99 | 4,211.32 | 137.67 | 31.590 | | |
| 6,400.00 | 6,035.65 | 5,927.65 | 5,927.65 | 42.64 | 102.50 | 55.39 | 1,145.64 | -5,613.65 | 4,326.93 | 4,186.87 | 140.06 | 30.893 | | |
| 6,500.00 | 6,128.62 | 6,020.62 | 6,020.62 | 43.41 | 104.12 | 55.78 | 1,145.64 | -5,613.65 | 4,305.08 | 4,162.62 | 142.45 | 30.221 | | |
| 6,600.00 | 6,221.59 | 6,113.59 | 6,113.59 | 44.17 | 105.74 | 56.16 | 1,145.64 | -5,613.65 | 4,283.43 | 4,138.58 | 144.85 | 29.571 | | |
| 6,700.00 | 6,314.55 | 6,206.55 | 6,206.55 | 44.94 | 107.36 | 56.55 | 1,145.64 | -5,613.65 | 4,261.99 | 4,114.73 | 147.25 | 28.943 | | |
| 6,800.00 | 6,407.52 | 6,300.48 | 6,299.52 | 45.70 | 109.00 | 56.95 | 1,145.64 | -5,613.65 | 4,240.76 | 4,091.08 | 149.68 | 28.333 | | |
| 6,900.00 | 6,499.98 | 6,408.02 | 6,391.98 | 46.49 | 110.88 | 53.76 | 1,145.64 | -5,613.65 | 4,218.50 | 4,066.14 | 152.36 | 27.688 | | |
| 7,000.00 | 6,586.50 | 6,478.50 | 6,478.50 | 47.49 | 112.11 | 50.01 | 1,145.64 | -5,613.65 | 4,184.61 | 4,030.07 | 154.54 | 27.078 | | |
| 7,100.00 | 6,663.58 | 6,555.58 | 6,555.58 | 48.75 | 113.46 | 50.27 | 1,145.64 | -5,613.65 | 4,137.67 | 3,980.69 | 156.99 | 26.357 | | |
| 7,200.00 | 6,728.87 | 6,620.87 | 6,620.87 | 50.23 | 114.60 | 53.45 | 1,145.64 | -5,613.65 | 4,079.30 | 3,919.94 | 159.36 | 25.598 | | |
| 7,300.00 | 6,780.38 | 6,672.38 | 6,672.38 | 51.91 | 115.50 | 59.46 | 1,145.64 | -5,613.65 | 4,011.42 | 3,849.83 | 161.59 | 24.824 | | |
| 7,400.00 | 6,816.56 | 6,708.56 | 6,708.56 | 53.74 | 116.13 | 68.55 | 1,145.64 | -5,613.65 | 3,936.23 | 3,772.61 | 163.62 | 24.057 | | |
| 7,500.00 | 6,836.29 | 6,728.29 | 6,728.29 | 55.65 | 116.47 | 80.72 | 1,145.64 | -5,613.65 | 3,856.11 | 3,690.71 | 165.40 | 23.314 | | |
| 7,600.00 | 6,840.00 | 6,732.00 | 6,732.00 | 57.58 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,773.58 | 3,606.69 | 166.89 | 22.611 | | |
| 7,700.00 | 6,840.00 | 6,732.00 | 6,732.00 | 59.56 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,691.42 | 3,523.04 | 168.38 | 21.923 | | |
| 7,800.00 | 6,840.00 | 6,732.00 | 6,732.00 | 61.60 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,610.16 | 3,440.20 | 169.96 | 21.242 | | |
| 7,900.00 | 6,840.00 | 6,732.00 | 6,732.00 | 63.69 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,529.86 | 3,358.23 | 171.63 | 20.567 | | |
| 8,000.00 | 6,840.00 | 6,732.00 | 6,732.00 | 65.82 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,450.60 | 3,277.19 | 173.40 | 19.899 | | |
| 8,100.00 | 6,840.00 | 6,732.00 | 6,732.00 | 67.99 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,372.43 | 3,197.16 | 175.27 | 19.241 | | |
| 8,200.00 | 6,840.00 | 6,732.00 | 6,732.00 | 70.21 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,295.45 | 3,118.20 | 177.25 | 18.592 | | |
| 8,300.00 | 6,840.00 | 6,732.00 | 6,732.00 | 72.45 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,219.73 | 3,040.40 | 179.33 | 17.954 | | |
| 8,400.00 | 6,840.00 | 6,732.00 | 6,732.00 | 74.73 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,145.37 | 2,963.85 | 181.52 | 17.328 | | |
| 8,500.00 | 6,840.00 | 6,732.00 | 6,732.00 | 77.04 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,072.46 | 2,888.65 | 183.81 | 16.715 | | |
| 8,600.00 | 6,840.00 | 6,732.00 | 6,732.00 | 79.38 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,001.11 | 2,814.89 | 186.22 | 16.116 | | |
| 8,700.00 | 6,840.00 | 6,732.00 | 6,732.00 | 81.74 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,931.44 | 2,742.70 | 188.74 | 15.532 | | |
| 8,800.00 | 6,840.00 | 6,732.00 | 6,732.00 | 84.12 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,863.57 | 2,672.20 | 191.37 | 14.964 | | |
| 8,900.00 | 6,840.00 | 6,732.00 | 6,732.00 | 86.52 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,797.63 | 2,603.52 | 194.11 | 14.413 | | |
| 9,000.00 | 6,840.00 | 6,732.00 | 6,732.00 | 88.94 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,733.75 | 2,536.81 | 196.95 | 13.881 | | |
| 9,100.00 | 6,840.00 | 6,732.00 | 6,732.00 | 91.38 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,672.09 | 2,472.21 | 199.89 | 13.368 | | |
| 9,200.00 | 6,840.00 | 6,732.00 | 6,732.00 | 93.83 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,612.81 | 2,409.89 | 202.92 | 12.876 | | |
| 9,300.00 | 6,840.00 | 6,732.00 | 6,732.00 | 96.30 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,556.06 | 2,350.02 | 206.04 | 12.406 | | |
| 9,400.00 | 6,840.00 | 6,732.00 | 6,732.00 | 98.79 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,502.02 | 2,292.79 | 209.23 | 11.958 | | |
| 9,500.00 | 6,840.00 | 6,732.00 | 6,732.00 | 101.28 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,450.88 | 2,238.40 | 212.48 | 11.535 | | |
| 9,600.00 | 6,840.00 | 6,732.00 | 6,732.00 | 103.79 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,402.81 | 2,187.04 | 215.77 | 11.136 | | |
| 9,700.00 | 6,840.00 | 6,732.00 | 6,732.00 | 106.30 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,358.00 | 2,138.92 | 219.08 | 10.763 | | |
| 9,800.00 | 6,840.00 | 6,732.00 | 6,732.00 | 108.83 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,316.64 | 2,094.25 | 222.39 | 10.417 | | |
| 9,900.00 | 6,840.00 | 6,732.00 | 6,732.00 | 111.37 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,278.93 | 2,053.25 | 225.67 | 10.098 | | |
| 10,000.00 | 6,840.00 | 6,732.00 | 6,732.00 | 113.91 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,245.04 | 2,016.13 | 228.91 | 9.808 | | |
| 10,100.00 | 6,840.00 | 6,732.00 | 6,732.00 | 116.47 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,215.14 | 1,983.09 | 232.06 | 9.546 | | |
| 10,200.00 | 6,840.00 | 6,732.00 | 6,732.00 | 119.03 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,189.42 | 1,954.33 | 235.09 | 9.313 | | |
| 10,300.00 | 6,840.00 | 6,732.00 | 6,732.00 | 121.59 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,168.00 | 1,930.02 | 237.98 | 9.110 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT SHELTON R G 26-8 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 6,732.00 | 6,732.00 | 124.17 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,151.02 | 1,910.32 | 240.70 | 8.937 | | |
| 10,500.00 | 6,840.00 | 6,732.00 | 6,732.00 | 126.75 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,138.59 | 1,895.38 | 243.21 | 8.793 | | |
| 10,600.00 | 6,840.00 | 6,732.00 | 6,732.00 | 129.34 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,130.79 | 1,885.29 | 245.50 | 8.679 | | |
| 10,700.00 | 6,840.00 | 6,732.00 | 6,732.00 | 131.93 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,127.66 | 1,880.12 | 247.54 | 8.595 | | |
| 10,716.61 | 6,840.00 | 6,732.00 | 6,732.00 | 132.36 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,127.60 | 1,879.74 | 247.85 | 8.584 CC, ES | | |
| 10,800.00 | 6,840.00 | 6,732.00 | 6,732.00 | 134.53 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,129.23 | 1,879.92 | 249.31 | 8.540 | | |
| 10,900.00 | 6,840.00 | 6,732.00 | 6,732.00 | 137.13 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,135.48 | 1,884.68 | 250.81 | 8.515 SF | | |
| 11,000.00 | 6,840.00 | 6,732.00 | 6,732.00 | 139.73 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,146.39 | 1,894.37 | 252.02 | 8.517 | | |
| 11,100.00 | 6,840.00 | 6,732.00 | 6,732.00 | 142.35 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,161.86 | 1,908.92 | 252.95 | 8.547 | | |
| 11,200.00 | 6,840.00 | 6,732.00 | 6,732.00 | 144.96 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,181.82 | 1,928.22 | 253.60 | 8.603 | | |
| 11,300.00 | 6,840.00 | 6,732.00 | 6,732.00 | 147.58 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,206.13 | 1,952.14 | 253.99 | 8.686 | | |
| 11,400.00 | 6,840.00 | 6,732.00 | 6,732.00 | 150.20 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,234.66 | 1,980.54 | 254.12 | 8.794 | | |
| 11,500.00 | 6,840.00 | 6,732.00 | 6,732.00 | 152.83 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,267.24 | 2,013.22 | 254.02 | 8.925 | | |
| 11,600.00 | 6,840.00 | 6,732.00 | 6,732.00 | 155.46 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,303.70 | 2,049.99 | 253.71 | 9.080 | | |
| 11,700.00 | 6,840.00 | 6,732.00 | 6,732.00 | 158.09 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,343.87 | 2,090.66 | 253.20 | 9.257 | | |
| 11,800.00 | 6,840.00 | 6,732.00 | 6,732.00 | 160.73 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,387.55 | 2,135.02 | 252.53 | 9.455 | | |
| 11,900.00 | 6,840.00 | 6,732.00 | 6,732.00 | 163.36 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,434.56 | 2,182.85 | 251.71 | 9.672 | | |
| 12,000.00 | 6,840.00 | 6,732.00 | 6,732.00 | 166.01 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,484.71 | 2,233.94 | 250.76 | 9.909 | | |
| 12,100.00 | 6,840.00 | 6,732.00 | 6,732.00 | 168.65 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,537.80 | 2,288.09 | 249.71 | 10.163 | | |
| 12,200.00 | 6,840.00 | 6,732.00 | 6,732.00 | 171.30 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,593.67 | 2,345.10 | 248.57 | 10.434 | | |
| 12,300.00 | 6,840.00 | 6,732.00 | 6,732.00 | 173.94 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,652.13 | 2,404.77 | 247.36 | 10.722 | | |
| 12,400.00 | 6,840.00 | 6,732.00 | 6,732.00 | 176.59 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,713.02 | 2,466.92 | 246.09 | 11.024 | | |
| 12,500.00 | 6,840.00 | 6,732.00 | 6,732.00 | 179.25 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,776.18 | 2,531.38 | 244.79 | 11.341 | | |
| 12,600.00 | 6,840.00 | 6,732.00 | 6,732.00 | 181.90 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,841.45 | 2,597.99 | 243.46 | 11.671 | | |
| 12,700.00 | 6,840.00 | 6,732.00 | 6,732.00 | 184.56 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,908.70 | 2,666.58 | 242.12 | 12.014 | | |
| 12,800.00 | 6,840.00 | 6,732.00 | 6,732.00 | 187.22 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 2,977.78 | 2,737.02 | 240.76 | 12.368 | | |
| 12,900.00 | 6,840.00 | 6,732.00 | 6,732.00 | 189.88 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,048.58 | 2,809.18 | 239.41 | 12.734 | | |
| 13,000.00 | 6,840.00 | 6,732.00 | 6,732.00 | 192.54 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,120.98 | 2,882.92 | 238.06 | 13.110 | | |
| 13,100.00 | 6,840.00 | 6,732.00 | 6,732.00 | 195.20 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,194.87 | 2,958.15 | 236.73 | 13.496 | | |
| 13,200.00 | 6,840.00 | 6,732.00 | 6,732.00 | 197.87 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,270.15 | 3,034.75 | 235.41 | 13.891 | | |
| 13,300.00 | 6,840.00 | 6,732.00 | 6,732.00 | 200.53 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,346.73 | 3,112.62 | 234.11 | 14.295 | | |
| 13,400.00 | 6,840.00 | 6,732.00 | 6,732.00 | 203.20 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,424.51 | 3,191.67 | 232.84 | 14.708 | | |
| 13,500.00 | 6,840.00 | 6,732.00 | 6,732.00 | 205.87 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,503.42 | 3,271.83 | 231.59 | 15.128 | | |
| 13,600.00 | 6,840.00 | 6,732.00 | 6,732.00 | 208.54 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,583.38 | 3,353.01 | 230.37 | 15.555 | | |
| 13,700.00 | 6,840.00 | 6,732.00 | 6,732.00 | 211.22 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,664.33 | 3,435.15 | 229.18 | 15.989 | | |
| 13,800.00 | 6,840.00 | 6,732.00 | 6,732.00 | 213.89 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,746.19 | 3,518.18 | 228.02 | 16.430 | | |
| 13,900.00 | 6,840.00 | 6,732.00 | 6,732.00 | 216.56 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,828.92 | 3,602.04 | 226.88 | 16.876 | | |
| 14,000.00 | 6,840.00 | 6,732.00 | 6,732.00 | 219.24 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,912.46 | 3,686.68 | 225.78 | 17.328 | | |
| 14,100.00 | 6,840.00 | 6,732.00 | 6,732.00 | 221.92 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 3,996.75 | 3,772.04 | 224.71 | 17.786 | | |
| 14,200.00 | 6,840.00 | 6,732.00 | 6,732.00 | 224.59 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 4,081.75 | 3,858.08 | 223.67 | 18.249 | | |
| 14,300.00 | 6,840.00 | 6,732.00 | 6,732.00 | 227.27 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 4,167.42 | 3,944.76 | 222.66 | 18.716 | | |
| 14,400.00 | 6,840.00 | 6,732.00 | 6,732.00 | 229.95 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 4,253.71 | 4,032.03 | 221.68 | 19.188 | | |
| 14,500.00 | 6,840.00 | 6,732.00 | 6,732.00 | 232.63 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 4,340.59 | 4,119.86 | 220.73 | 19.665 | | |
| 14,600.00 | 6,840.00 | 6,732.00 | 6,732.00 | 235.31 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 4,428.02 | 4,208.22 | 219.81 | 20.145 | | |
| 14,700.00 | 6,840.00 | 6,732.00 | 6,732.00 | 238.00 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 4,515.98 | 4,297.07 | 218.91 | 20.629 | | |
| 14,800.00 | 6,840.00 | 6,732.00 | 6,732.00 | 240.68 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 4,604.43 | 4,386.38 | 218.05 | 21.117 | | |
| 14,900.00 | 6,840.00 | 6,732.00 | 6,732.00 | 243.36 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 4,693.34 | 4,476.14 | 217.20 | 21.608 | | |
| 15,000.00 | 6,840.00 | 6,732.00 | 6,732.00 | 246.05 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 4,782.69 | 4,566.30 | 216.39 | 22.102 | | |
| 15,100.00 | 6,840.00 | 6,732.00 | 6,732.00 | 248.74 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 4,872.45 | 4,656.85 | 215.60 | 22.600 | | |
| 15,200.00 | 6,840.00 | 6,732.00 | 6,732.00 | 251.42 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 4,962.61 | 4,747.77 | 214.83 | 23.100 | | |
| 15,300.00 | 6,840.00 | 6,732.00 | 6,732.00 | 254.11 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 5,053.13 | 4,839.04 | 214.09 | 23.603 | | |
| 15,400.00 | 6,840.00 | 6,732.00 | 6,732.00 | 256.80 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 5,144.01 | 4,930.64 | 213.37 | 24.108 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT SHELTON R G 26-8 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: 0.00 usft | |
|-------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|------------------------------|---------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: 0.00 usft | |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,500.00 | 6,840.00 | 6,732.00 | 6,732.00 | 259.49 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 5,235.22 | 5,022.54 | 212.68 | 24.616 | | |
| 15,600.00 | 6,840.00 | 6,732.00 | 6,732.00 | 262.17 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 5,326.74 | 5,114.74 | 212.00 | 25.126 | | |
| 15,700.00 | 6,840.00 | 6,732.00 | 6,732.00 | 264.86 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 5,418.57 | 5,207.22 | 211.35 | 25.638 | | |
| 15,800.00 | 6,840.00 | 6,732.00 | 6,732.00 | 267.55 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 5,510.68 | 5,299.96 | 210.71 | 26.153 | | |
| 15,900.00 | 6,840.00 | 6,732.00 | 6,732.00 | 270.25 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 5,603.06 | 5,392.96 | 210.10 | 26.669 | | |
| 16,000.00 | 6,840.00 | 6,732.00 | 6,732.00 | 272.94 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 5,695.69 | 5,486.19 | 209.50 | 27.187 | | |
| 16,100.00 | 6,840.00 | 6,732.00 | 6,732.00 | 275.63 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 5,788.57 | 5,579.65 | 208.92 | 27.707 | | |
| 16,200.00 | 6,840.00 | 6,732.00 | 6,732.00 | 278.32 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 5,881.69 | 5,673.33 | 208.36 | 28.228 | | |
| 16,300.00 | 6,840.00 | 6,732.00 | 6,732.00 | 281.02 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 5,975.03 | 5,767.21 | 207.82 | 28.751 | | |
| 16,400.00 | 6,840.00 | 6,732.00 | 6,732.00 | 283.71 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 6,068.58 | 5,861.29 | 207.29 | 29.276 | | |
| 16,500.00 | 6,840.00 | 6,732.00 | 6,732.00 | 286.40 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 6,162.33 | 5,955.55 | 206.78 | 29.802 | | |
| 16,600.00 | 6,840.00 | 6,732.00 | 6,732.00 | 289.10 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 6,256.28 | 6,050.00 | 206.28 | 30.329 | | |
| 16,700.00 | 6,840.00 | 6,732.00 | 6,732.00 | 291.79 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 6,350.41 | 6,144.61 | 205.80 | 30.858 | | |
| 16,800.00 | 6,840.00 | 6,732.00 | 6,732.00 | 294.49 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 6,444.71 | 6,239.38 | 205.33 | 31.387 | | |
| 16,900.00 | 6,840.00 | 6,732.00 | 6,732.00 | 297.19 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 6,539.19 | 6,334.32 | 204.88 | 31.918 | | |
| 17,000.00 | 6,840.00 | 6,732.00 | 6,732.00 | 299.88 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 6,633.83 | 6,429.40 | 204.43 | 32.450 | | |
| 17,100.00 | 6,840.00 | 6,732.00 | 6,732.00 | 302.58 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 6,728.62 | 6,524.62 | 204.01 | 32.983 | | |
| 17,200.00 | 6,840.00 | 6,732.00 | 6,732.00 | 305.28 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 6,823.57 | 6,619.98 | 203.59 | 33.516 | | |
| 17,300.00 | 6,840.00 | 6,732.00 | 6,732.00 | 307.97 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 6,918.65 | 6,715.46 | 203.19 | 34.051 | | |
| 17,400.00 | 6,840.00 | 6,732.00 | 6,732.00 | 310.67 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 7,013.87 | 6,811.08 | 202.79 | 34.586 | | |
| 17,500.00 | 6,840.00 | 6,732.00 | 6,732.00 | 313.37 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 7,109.23 | 6,906.81 | 202.41 | 35.122 | | |
| 17,600.00 | 6,840.00 | 6,732.00 | 6,732.00 | 316.07 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 7,204.70 | 7,002.66 | 202.04 | 35.659 | | |
| 17,700.00 | 6,840.00 | 6,732.00 | 6,732.00 | 318.77 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 7,300.30 | 7,098.62 | 201.68 | 36.197 | | |
| 17,800.00 | 6,840.00 | 6,732.00 | 6,732.00 | 321.47 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 7,396.02 | 7,194.69 | 201.33 | 36.735 | | |
| 17,900.00 | 6,840.00 | 6,732.00 | 6,732.00 | 324.17 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 7,491.85 | 7,290.86 | 200.99 | 37.274 | | |
| 18,000.00 | 6,840.00 | 6,732.00 | 6,732.00 | 326.87 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 7,587.78 | 7,387.12 | 200.66 | 37.813 | | |
| 18,100.00 | 6,840.00 | 6,732.00 | 6,732.00 | 329.57 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 7,683.82 | 7,483.48 | 200.34 | 38.353 | | |
| 18,200.00 | 6,840.00 | 6,732.00 | 6,732.00 | 332.27 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 7,779.96 | 7,579.93 | 200.03 | 38.894 | | |
| 18,300.00 | 6,840.00 | 6,732.00 | 6,732.00 | 334.97 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 7,876.20 | 7,676.47 | 199.73 | 39.435 | | |
| 18,400.00 | 6,840.00 | 6,732.00 | 6,732.00 | 337.67 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 7,972.53 | 7,773.09 | 199.43 | 39.976 | | |
| 18,500.00 | 6,840.00 | 6,732.00 | 6,732.00 | 340.38 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 8,068.94 | 7,869.80 | 199.15 | 40.518 | | |
| 18,600.00 | 6,840.00 | 6,732.00 | 6,732.00 | 343.08 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 8,165.45 | 7,966.58 | 198.87 | 41.060 | | |
| 18,700.00 | 6,840.00 | 6,732.00 | 6,732.00 | 345.78 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 8,262.04 | 8,063.44 | 198.60 | 41.602 | | |
| 18,800.00 | 6,840.00 | 6,732.00 | 6,732.00 | 348.48 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 8,358.70 | 8,160.37 | 198.33 | 42.145 | | |
| 18,900.00 | 6,840.00 | 6,732.00 | 6,732.00 | 351.19 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 8,455.45 | 8,257.37 | 198.08 | 42.688 | | |
| 19,000.00 | 6,840.00 | 6,732.00 | 6,732.00 | 353.89 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 8,552.27 | 8,354.44 | 197.83 | 43.231 | | |
| 19,100.00 | 6,840.00 | 6,732.00 | 6,732.00 | 356.59 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 8,649.16 | 8,451.57 | 197.58 | 43.774 | | |
| 19,200.00 | 6,840.00 | 6,732.00 | 6,732.00 | 359.30 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 8,746.12 | 8,548.77 | 197.35 | 44.318 | | |
| 19,300.00 | 6,840.00 | 6,732.00 | 6,732.00 | 362.00 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 8,843.15 | 8,646.03 | 197.12 | 44.862 | | |
| 19,400.00 | 6,840.00 | 6,732.00 | 6,732.00 | 364.71 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 8,940.25 | 8,743.35 | 196.90 | 45.406 | | |
| 19,500.00 | 6,840.00 | 6,732.00 | 6,732.00 | 367.41 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 9,037.40 | 8,840.72 | 196.68 | 45.950 | | |
| 19,600.00 | 6,840.00 | 6,732.00 | 6,732.00 | 370.11 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 9,134.62 | 8,938.16 | 196.47 | 46.494 | | |
| 19,700.00 | 6,840.00 | 6,732.00 | 6,732.00 | 372.82 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 9,231.90 | 9,035.64 | 196.26 | 47.039 | | |
| 19,800.00 | 6,840.00 | 6,732.00 | 6,732.00 | 375.53 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 9,329.24 | 9,133.18 | 196.06 | 47.583 | | |
| 19,900.00 | 6,840.00 | 6,732.00 | 6,732.00 | 378.23 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 9,426.63 | 9,230.76 | 195.87 | 48.127 | | |
| 20,000.00 | 6,840.00 | 6,732.00 | 6,732.00 | 380.94 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 9,524.08 | 9,328.40 | 195.68 | 48.672 | | |
| 20,100.00 | 6,840.00 | 6,732.00 | 6,732.00 | 383.64 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 9,621.58 | 9,426.08 | 195.50 | 49.216 | | |
| 20,200.00 | 6,840.00 | 6,732.00 | 6,732.00 | 386.35 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 9,719.13 | 9,523.81 | 195.32 | 49.761 | | |
| 20,300.00 | 6,840.00 | 6,732.00 | 6,732.00 | 389.05 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 9,816.72 | 9,621.58 | 195.14 | 50.305 | | |
| 20,400.00 | 6,840.00 | 6,732.00 | 6,732.00 | 391.76 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 9,914.37 | 9,719.40 | 194.97 | 50.850 | | |
| 20,442.82 | 6,840.00 | 6,732.00 | 6,732.00 | 392.92 | 116.54 | 90.00 | 1,145.64 | -5,613.65 | 9,956.20 | 9,761.29 | 194.90 | 51.083 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT SHELTON RG 26-7 - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -80.93 | 1,109.55 | -6,952.84 | 7,041.92 | | | | | |
| 100.00 | 100.00 | 0.00 | 0.00 | 0.13 | 0.00 | -80.93 | 1,109.55 | -6,952.84 | 7,040.86 | 7,040.72 | 0.13 | N/A | | |
| 125.00 | 125.00 | 0.00 | 0.00 | 0.22 | 0.00 | -80.93 | 1,109.55 | -6,952.84 | 7,040.81 | 7,040.59 | 0.22 | N/A | | |
| 200.00 | 200.00 | 55.16 | 55.16 | 0.49 | 0.05 | -80.93 | 1,109.61 | -6,952.91 | 7,040.92 | 7,040.37 | 0.54 | N/A | | |
| 300.00 | 300.00 | 131.05 | 131.05 | 0.85 | 0.14 | -80.93 | 1,109.89 | -6,953.22 | 7,041.38 | 7,040.39 | 0.99 | 7,129.239 | | |
| 400.00 | 400.00 | 211.24 | 211.24 | 1.21 | 0.24 | -80.93 | 1,110.29 | -6,953.78 | 7,042.15 | 7,040.70 | 1.45 | 4,851.274 | | |
| 500.00 | 500.00 | 295.64 | 295.63 | 1.57 | 0.32 | -80.92 | 1,110.88 | -6,954.56 | 7,043.17 | 7,041.28 | 1.88 | 3,741.695 | | |
| 600.00 | 599.98 | 396.65 | 396.63 | 1.92 | 0.39 | 34.89 | 1,111.61 | -6,955.59 | 7,042.86 | 7,040.56 | 2.30 | 3,063.303 | | |
| 700.00 | 699.84 | 472.35 | 472.32 | 2.26 | 0.44 | 34.94 | 1,112.09 | -6,956.49 | 7,039.85 | 7,037.16 | 2.69 | 2,618.843 | | |
| 800.00 | 799.45 | 563.36 | 563.33 | 2.62 | 0.49 | 35.05 | 1,112.77 | -6,957.82 | 7,034.26 | 7,031.16 | 3.09 | 2,275.079 | | |
| 900.00 | 898.70 | 661.43 | 661.38 | 2.99 | 0.54 | 35.21 | 1,113.71 | -6,959.25 | 7,025.85 | 7,022.34 | 3.50 | 2,004.883 | | |
| 1,000.00 | 997.47 | 767.75 | 767.68 | 3.39 | 0.60 | 35.43 | 1,115.18 | -6,960.70 | 7,014.60 | 7,010.67 | 3.93 | 1,785.830 | | |
| 1,100.00 | 1,095.62 | 895.85 | 895.76 | 3.81 | 0.66 | 35.73 | 1,116.98 | -6,962.10 | 7,000.29 | 6,995.92 | 4.37 | 1,601.794 | | |
| 1,200.00 | 1,193.06 | 982.45 | 982.34 | 4.27 | 0.70 | 36.04 | 1,118.13 | -6,962.91 | 6,983.03 | 6,978.23 | 4.81 | 1,452.873 | | |
| 1,300.00 | 1,289.64 | 1,075.93 | 1,075.82 | 4.77 | 0.74 | 36.40 | 1,119.35 | -6,963.90 | 6,963.16 | 6,957.89 | 5.26 | 1,323.167 | | |
| 1,400.00 | 1,385.27 | 1,169.69 | 1,169.56 | 5.31 | 0.78 | 36.83 | 1,120.62 | -6,964.91 | 6,940.60 | 6,934.86 | 5.74 | 1,209.559 | | |
| 1,500.00 | 1,479.82 | 1,278.73 | 1,278.59 | 5.91 | 0.83 | 37.34 | 1,122.23 | -6,966.00 | 6,915.33 | 6,909.09 | 6.24 | 1,108.200 | | |
| 1,600.00 | 1,573.19 | 1,372.08 | 1,371.91 | 6.55 | 0.87 | 37.81 | 1,123.77 | -6,966.75 | 6,887.34 | 6,880.58 | 6.76 | 1,018.507 | | |
| 1,700.00 | 1,666.16 | 1,524.71 | 1,524.52 | 7.23 | 0.92 | 38.13 | 1,126.32 | -6,967.50 | 6,858.36 | 6,851.05 | 7.31 | 938.834 | | |
| 1,800.00 | 1,759.13 | 1,710.07 | 1,709.86 | 7.93 | 0.97 | 38.53 | 1,128.71 | -6,966.11 | 6,828.12 | 6,820.28 | 7.84 | 870.493 | | |
| 1,900.00 | 1,852.10 | 1,788.30 | 1,788.07 | 8.64 | 0.99 | 38.69 | 1,129.55 | -6,965.19 | 6,797.60 | 6,789.22 | 8.38 | 811.278 | | |
| 2,000.00 | 1,945.06 | 1,894.18 | 1,893.94 | 9.35 | 1.02 | 38.93 | 1,131.23 | -6,963.82 | 6,767.14 | 6,758.21 | 8.93 | 757.999 | | |
| 2,100.00 | 2,038.03 | 1,967.28 | 1,967.03 | 10.08 | 1.04 | 39.09 | 1,132.29 | -6,962.89 | 6,736.77 | 6,727.29 | 9.48 | 710.440 | | |
| 2,200.00 | 2,131.00 | 2,046.21 | 2,045.95 | 10.81 | 1.06 | 39.26 | 1,132.95 | -6,962.23 | 6,706.75 | 6,696.70 | 10.05 | 667.670 | | |
| 2,300.00 | 2,223.97 | 2,130.96 | 2,130.69 | 11.54 | 1.08 | 39.44 | 1,133.48 | -6,961.65 | 6,676.92 | 6,666.31 | 10.61 | 629.051 | | |
| 2,400.00 | 2,316.94 | 2,213.05 | 2,212.78 | 12.28 | 1.10 | 39.62 | 1,133.95 | -6,961.22 | 6,647.30 | 6,636.11 | 11.19 | 594.037 | | |
| 2,500.00 | 2,409.90 | 2,287.73 | 2,287.46 | 13.02 | 1.13 | 39.78 | 1,134.44 | -6,960.98 | 6,617.96 | 6,606.19 | 11.77 | 562.157 | | |
| 2,600.00 | 2,502.87 | 2,350.87 | 2,350.59 | 13.77 | 1.15 | 39.92 | 1,135.07 | -6,960.95 | 6,589.03 | 6,576.67 | 12.36 | 532.970 | | |
| 2,700.00 | 2,595.84 | 2,416.99 | 2,416.71 | 14.51 | 1.17 | 40.08 | 1,136.23 | -6,961.15 | 6,560.63 | 6,547.67 | 12.96 | 506.220 | | |
| 2,800.00 | 2,688.81 | 2,505.37 | 2,505.07 | 15.26 | 1.20 | 40.28 | 1,137.91 | -6,961.56 | 6,532.50 | 6,518.94 | 13.56 | 481.583 | | |
| 2,900.00 | 2,781.77 | 2,592.80 | 2,592.48 | 16.01 | 1.23 | 40.48 | 1,139.46 | -6,962.06 | 6,504.54 | 6,490.37 | 14.17 | 458.908 | | |
| 3,000.00 | 2,874.74 | 2,722.58 | 2,722.25 | 16.76 | 1.28 | 40.78 | 1,141.07 | -6,962.58 | 6,476.40 | 6,461.61 | 14.79 | 437.973 | | |
| 3,100.00 | 2,967.71 | 2,815.81 | 2,815.47 | 17.52 | 1.31 | 41.00 | 1,142.09 | -6,962.76 | 6,448.14 | 6,432.73 | 15.40 | 418.642 | | |
| 3,200.00 | 3,060.68 | 2,919.67 | 2,919.33 | 18.27 | 1.34 | 41.24 | 1,143.09 | -6,962.88 | 6,419.86 | 6,403.85 | 16.02 | 400.796 | | |
| 3,300.00 | 3,153.65 | 3,013.15 | 3,012.81 | 19.03 | 1.35 | 41.46 | 1,143.27 | -6,963.05 | 6,391.57 | 6,374.94 | 16.63 | 384.366 | | |
| 3,400.00 | 3,246.61 | 3,081.50 | 3,081.16 | 19.78 | 1.36 | 41.61 | 1,143.09 | -6,963.40 | 6,363.57 | 6,346.31 | 17.26 | 368.735 | | |
| 3,500.00 | 3,339.58 | 3,188.27 | 3,187.92 | 20.54 | 1.37 | 41.85 | 1,142.69 | -6,964.16 | 6,335.81 | 6,317.92 | 17.89 | 354.190 | | |
| 3,600.00 | 3,432.55 | 3,262.52 | 3,262.17 | 21.30 | 1.38 | 42.02 | 1,142.25 | -6,964.67 | 6,308.07 | 6,289.54 | 18.52 | 340.551 | | |
| 3,700.00 | 3,525.52 | 3,341.33 | 3,340.97 | 22.06 | 1.39 | 42.19 | 1,141.38 | -6,965.61 | 6,280.73 | 6,261.56 | 19.16 | 327.794 | | |
| 3,800.00 | 3,618.49 | 3,426.06 | 3,425.69 | 22.82 | 1.40 | 42.38 | 1,140.53 | -6,966.70 | 6,253.58 | 6,233.78 | 19.80 | 315.846 | | |
| 3,900.00 | 3,711.45 | 3,501.83 | 3,501.45 | 23.57 | 1.41 | 42.56 | 1,140.78 | -6,967.59 | 6,226.75 | 6,206.30 | 20.44 | 304.609 | | |
| 4,000.00 | 3,804.42 | 3,659.52 | 3,659.13 | 24.33 | 1.46 | 42.95 | 1,142.79 | -6,968.65 | 6,199.86 | 6,178.77 | 21.08 | 294.088 | | |
| 4,100.00 | 3,897.39 | 3,799.74 | 3,799.34 | 25.09 | 1.49 | 43.31 | 1,143.89 | -6,968.11 | 6,171.87 | 6,150.15 | 21.71 | 284.266 | | |
| 4,200.00 | 3,990.36 | 3,858.24 | 3,857.84 | 25.86 | 1.51 | 43.45 | 1,144.33 | -6,967.89 | 6,144.03 | 6,121.67 | 22.37 | 274.709 | | |
| 4,300.00 | 4,083.32 | 3,923.75 | 3,923.35 | 26.62 | 1.52 | 43.62 | 1,144.90 | -6,968.00 | 6,116.81 | 6,093.79 | 23.02 | 265.688 | | |
| 4,400.00 | 4,176.29 | 4,007.12 | 4,006.71 | 27.38 | 1.54 | 43.83 | 1,145.02 | -6,968.54 | 6,089.93 | 6,066.25 | 23.68 | 257.175 | | |
| 4,500.00 | 4,269.26 | 4,091.67 | 4,091.26 | 28.14 | 1.55 | 44.03 | 1,144.85 | -6,969.29 | 6,063.29 | 6,038.94 | 24.35 | 249.016 | | |
| 4,600.00 | 4,362.23 | 4,157.94 | 4,157.52 | 28.90 | 1.56 | 44.20 | 1,144.75 | -6,970.07 | 6,037.01 | 6,011.98 | 25.03 | 241.237 | | |
| 4,700.00 | 4,455.20 | 4,253.22 | 4,252.79 | 29.66 | 1.58 | 44.43 | 1,144.43 | -6,971.62 | 6,011.19 | 5,985.49 | 25.70 | 233.911 | | |
| 4,800.00 | 4,548.16 | 4,360.60 | 4,360.16 | 30.43 | 1.60 | 44.70 | 1,143.75 | -6,973.03 | 5,985.08 | 5,958.71 | 26.37 | 226.955 | | |
| 4,900.00 | 4,641.13 | 4,484.78 | 4,484.33 | 31.19 | 1.62 | 45.01 | 1,143.16 | -6,974.38 | 5,958.96 | 5,931.92 | 27.04 | 220.354 | | |
| 5,000.00 | 4,734.10 | 4,567.01 | 4,566.56 | 31.95 | 1.63 | 45.22 | 1,142.71 | -6,975.00 | 5,932.60 | 5,904.87 | 27.73 | 213.974 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT SHELTON RG 26-7 - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,630.09 | 4,629.63 | 32.71 | 1.64 | 45.37 | 1,142.07 | -6,975.80 | 5,906.68 | 5,878.26 | 28.42 | 207.858 | | |
| 5,200.00 | 4,920.04 | 4,684.31 | 4,683.84 | 33.48 | 1.65 | 45.51 | 1,141.35 | -6,976.92 | 5,881.46 | 5,852.34 | 29.11 | 202.019 | | |
| 5,300.00 | 5,013.00 | 4,775.98 | 4,775.46 | 34.24 | 1.66 | 45.73 | 1,140.04 | -6,979.27 | 5,856.74 | 5,826.94 | 29.80 | 196.515 | | |
| 5,400.00 | 5,105.97 | 4,861.85 | 4,861.30 | 35.00 | 1.68 | 45.95 | 1,139.01 | -6,981.37 | 5,832.09 | 5,801.59 | 30.50 | 191.225 | | |
| 5,500.00 | 5,198.94 | 4,940.91 | 4,940.32 | 35.77 | 1.69 | 46.14 | 1,137.99 | -6,983.52 | 5,807.75 | 5,776.55 | 31.20 | 186.148 | | |
| 5,600.00 | 5,291.91 | 5,068.02 | 5,067.39 | 36.53 | 1.72 | 46.47 | 1,136.89 | -6,986.91 | 5,783.66 | 5,751.77 | 31.89 | 181.354 | | |
| 5,700.00 | 5,384.87 | 5,171.05 | 5,170.40 | 37.29 | 1.74 | 46.74 | 1,136.19 | -6,988.76 | 5,758.88 | 5,726.28 | 32.59 | 176.683 | | |
| 5,800.00 | 5,477.84 | 5,267.96 | 5,267.28 | 38.06 | 1.76 | 46.99 | 1,135.65 | -6,990.56 | 5,734.30 | 5,701.00 | 33.30 | 172.186 | | |
| 5,900.00 | 5,570.81 | 5,389.95 | 5,389.26 | 38.82 | 1.79 | 47.33 | 1,135.39 | -6,992.30 | 5,709.58 | 5,675.57 | 34.01 | 167.884 | | |
| 6,000.00 | 5,663.78 | 5,526.71 | 5,526.02 | 39.59 | 1.81 | 47.71 | 1,135.02 | -6,993.07 | 5,684.10 | 5,649.40 | 34.70 | 163.814 | | |
| 6,100.00 | 5,756.75 | 5,589.65 | 5,588.96 | 40.35 | 1.82 | 47.88 | 1,134.51 | -6,993.58 | 5,658.87 | 5,623.45 | 35.42 | 159.753 | | |
| 6,200.00 | 5,849.71 | 5,692.46 | 5,691.76 | 41.12 | 1.84 | 48.16 | 1,133.90 | -6,994.60 | 5,633.98 | 5,597.84 | 36.14 | 155.897 | | |
| 6,300.00 | 5,942.68 | 5,829.96 | 5,829.26 | 41.88 | 1.84 | 48.56 | 1,133.74 | -6,994.85 | 5,608.63 | 5,571.81 | 36.82 | 152.343 | | |
| 6,400.00 | 6,035.65 | 5,945.65 | 5,944.95 | 42.64 | 1.84 | 48.91 | 1,134.34 | -6,994.22 | 5,583.03 | 5,545.52 | 37.51 | 148.850 | | |
| 6,500.00 | 6,128.62 | 6,067.18 | 6,066.47 | 43.41 | 1.83 | 49.27 | 1,134.45 | -6,992.94 | 5,556.94 | 5,518.74 | 38.20 | 145.476 | | |
| 6,600.00 | 6,221.59 | 6,176.97 | 6,176.25 | 44.17 | 1.83 | 49.61 | 1,134.22 | -6,991.53 | 5,530.71 | 5,491.81 | 38.90 | 142.185 | | |
| 6,700.00 | 6,314.55 | 6,259.02 | 6,258.29 | 44.94 | 1.83 | 49.86 | 1,133.94 | -6,990.40 | 5,504.49 | 5,464.87 | 39.62 | 138.926 | | |
| 6,800.00 | 6,407.52 | 6,344.51 | 6,343.77 | 45.70 | 1.83 | 50.12 | 1,133.59 | -6,989.50 | 5,478.66 | 5,438.32 | 40.35 | 135.789 | | |
| 6,900.00 | 6,499.98 | 6,432.47 | 6,431.73 | 46.49 | 1.82 | 46.77 | 1,133.26 | -6,988.56 | 5,451.66 | 5,410.57 | 41.09 | 132.689 | | |
| 7,000.00 | 6,586.50 | 6,502.68 | 6,501.94 | 47.49 | 1.82 | 42.68 | 1,133.09 | -6,987.96 | 5,412.59 | 5,370.65 | 41.94 | 129.044 | | |
| 7,100.00 | 6,663.58 | 6,588.29 | 6,587.54 | 48.75 | 1.82 | 42.62 | 1,132.82 | -6,987.30 | 5,359.81 | 5,316.92 | 42.89 | 124.974 | | |
| 7,200.00 | 6,728.87 | 6,656.42 | 6,655.66 | 50.23 | 1.82 | 45.54 | 1,132.53 | -6,986.72 | 5,294.87 | 5,250.96 | 43.91 | 120.583 | | |
| 7,300.00 | 6,780.38 | 6,709.17 | 6,708.42 | 51.91 | 1.82 | 51.71 | 1,132.34 | -6,986.23 | 5,219.87 | 5,174.89 | 44.98 | 116.049 | | |
| 7,400.00 | 6,816.56 | 6,739.55 | 6,738.80 | 53.74 | 1.82 | 62.09 | 1,132.23 | -6,985.96 | 5,137.19 | 5,091.13 | 46.07 | 111.514 | | |
| 7,500.00 | 6,836.29 | 6,756.54 | 6,755.79 | 55.65 | 1.82 | 77.97 | 1,132.17 | -6,985.82 | 5,049.35 | 5,002.22 | 47.13 | 107.130 | | |
| 7,600.00 | 6,840.00 | 6,759.16 | 6,758.40 | 57.58 | 1.82 | 91.18 | 1,132.16 | -6,985.80 | 4,959.02 | 4,910.87 | 48.15 | 102.986 | | |
| 7,700.00 | 6,840.00 | 6,758.44 | 6,757.68 | 59.56 | 1.82 | 91.16 | 1,132.16 | -6,985.81 | 4,868.69 | 4,819.49 | 49.20 | 98.953 | | |
| 7,800.00 | 6,840.00 | 6,757.71 | 6,756.96 | 61.60 | 1.82 | 91.14 | 1,132.16 | -6,985.81 | 4,778.75 | 4,728.44 | 50.31 | 94.985 | | |
| 7,900.00 | 6,840.00 | 6,756.98 | 6,756.23 | 63.69 | 1.82 | 91.12 | 1,132.17 | -6,985.82 | 4,689.21 | 4,637.73 | 51.48 | 91.087 | | |
| 8,000.00 | 6,840.00 | 6,756.25 | 6,755.50 | 65.82 | 1.82 | 91.10 | 1,132.17 | -6,985.82 | 4,600.10 | 4,547.39 | 52.72 | 87.263 | | |
| 8,100.00 | 6,840.00 | 6,755.52 | 6,754.76 | 67.99 | 1.82 | 91.08 | 1,132.17 | -6,985.83 | 4,511.45 | 4,457.44 | 54.02 | 83.519 | | |
| 8,200.00 | 6,840.00 | 6,754.78 | 6,754.03 | 70.21 | 1.82 | 91.06 | 1,132.17 | -6,985.83 | 4,423.29 | 4,367.90 | 55.39 | 79.859 | | |
| 8,300.00 | 6,840.00 | 6,754.04 | 6,753.28 | 72.45 | 1.82 | 91.04 | 1,132.18 | -6,985.84 | 4,335.64 | 4,278.80 | 56.83 | 76.286 | | |
| 8,400.00 | 6,840.00 | 6,753.29 | 6,752.54 | 74.73 | 1.82 | 91.02 | 1,132.18 | -6,985.85 | 4,248.53 | 4,190.17 | 58.35 | 72.805 | | |
| 8,500.00 | 6,840.00 | 6,752.54 | 6,751.79 | 77.04 | 1.82 | 91.00 | 1,132.18 | -6,985.85 | 4,162.00 | 4,102.04 | 59.96 | 69.419 | | |
| 8,600.00 | 6,840.00 | 6,751.79 | 6,751.04 | 79.38 | 1.82 | 90.98 | 1,132.19 | -6,985.86 | 4,076.09 | 4,014.45 | 61.64 | 66.129 | | |
| 8,700.00 | 6,840.00 | 6,751.03 | 6,750.28 | 81.74 | 1.82 | 90.96 | 1,132.19 | -6,985.87 | 3,990.83 | 3,927.43 | 63.41 | 62.940 | | |
| 8,800.00 | 6,840.00 | 6,750.27 | 6,749.52 | 84.12 | 1.82 | 90.94 | 1,132.19 | -6,985.87 | 3,906.28 | 3,841.01 | 65.27 | 59.852 | | |
| 8,900.00 | 6,840.00 | 6,749.51 | 6,748.75 | 86.52 | 1.82 | 90.92 | 1,132.19 | -6,985.88 | 3,822.47 | 3,755.25 | 67.22 | 56.868 | | |
| 9,000.00 | 6,840.00 | 6,748.74 | 6,747.99 | 88.94 | 1.82 | 90.90 | 1,132.20 | -6,985.88 | 3,739.45 | 3,670.19 | 69.26 | 53.988 | | |
| 9,100.00 | 6,840.00 | 6,747.97 | 6,747.22 | 91.38 | 1.82 | 90.88 | 1,132.20 | -6,985.89 | 3,657.29 | 3,585.87 | 71.41 | 51.214 | | |
| 9,200.00 | 6,840.00 | 6,747.19 | 6,746.44 | 93.83 | 1.82 | 90.85 | 1,132.20 | -6,985.90 | 3,576.03 | 3,502.37 | 73.66 | 48.545 | | |
| 9,300.00 | 6,840.00 | 6,746.42 | 6,745.66 | 96.30 | 1.82 | 90.83 | 1,132.20 | -6,985.90 | 3,495.75 | 3,419.72 | 76.02 | 45.983 | | |
| 9,400.00 | 6,840.00 | 6,745.63 | 6,744.88 | 98.79 | 1.82 | 90.81 | 1,132.21 | -6,985.91 | 3,416.50 | 3,338.01 | 78.49 | 43.527 | | |
| 9,500.00 | 6,840.00 | 6,744.85 | 6,744.09 | 101.28 | 1.82 | 90.79 | 1,132.21 | -6,985.92 | 3,338.37 | 3,257.30 | 81.07 | 41.177 | | |
| 9,600.00 | 6,840.00 | 6,744.05 | 6,743.30 | 103.79 | 1.82 | 90.77 | 1,132.21 | -6,985.92 | 3,261.44 | 3,177.66 | 83.77 | 38.932 | | |
| 9,700.00 | 6,840.00 | 6,743.26 | 6,742.51 | 106.30 | 1.82 | 90.75 | 1,132.22 | -6,985.93 | 3,185.78 | 3,099.19 | 86.59 | 36.791 | | |
| 9,800.00 | 6,840.00 | 6,742.46 | 6,741.71 | 108.83 | 1.82 | 90.73 | 1,132.22 | -6,985.94 | 3,111.50 | 3,021.97 | 89.53 | 34.754 | | |
| 9,900.00 | 6,840.00 | 6,741.66 | 6,740.90 | 111.37 | 1.82 | 90.70 | 1,132.22 | -6,985.94 | 3,038.70 | 2,946.11 | 92.59 | 32.819 | | |
| 10,000.00 | 6,840.00 | 6,740.85 | 6,740.10 | 113.91 | 1.82 | 90.68 | 1,132.22 | -6,985.95 | 2,967.48 | 2,871.70 | 95.77 | 30.984 | | |
| 10,100.00 | 6,840.00 | 6,740.04 | 6,739.29 | 116.47 | 1.82 | 90.66 | 1,132.23 | -6,985.96 | 2,897.96 | 2,798.88 | 99.08 | 29.249 | | |
| 10,200.00 | 6,840.00 | 6,739.23 | 6,738.47 | 119.03 | 1.82 | 90.64 | 1,132.23 | -6,985.96 | 2,830.26 | 2,727.76 | 102.50 | 27.612 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT SHELTON RG 26-7 - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,738.41 | 6,737.65 | 121.59 | 1.82 | 90.62 | 1,132.23 | -6,985.97 | 2,764.53 | 2,658.49 | 106.04 | 26.071 | | |
| 10,400.00 | 6,840.00 | 6,737.58 | 6,736.83 | 124.17 | 1.82 | 90.59 | 1,132.24 | -6,985.98 | 2,700.90 | 2,591.21 | 109.69 | 24.623 | | |
| 10,500.00 | 6,840.00 | 6,736.76 | 6,736.00 | 126.75 | 1.82 | 90.57 | 1,132.24 | -6,985.98 | 2,639.52 | 2,526.08 | 113.44 | 23.268 | | |
| 10,600.00 | 6,840.00 | 6,735.92 | 6,735.17 | 129.34 | 1.82 | 90.55 | 1,132.24 | -6,985.99 | 2,580.56 | 2,463.28 | 117.28 | 22.003 | | |
| 10,700.00 | 6,840.00 | 6,735.09 | 6,734.33 | 131.93 | 1.82 | 90.53 | 1,132.24 | -6,986.00 | 2,524.19 | 2,402.99 | 121.20 | 20.827 | | |
| 10,800.00 | 6,840.00 | 6,734.25 | 6,733.49 | 134.53 | 1.82 | 90.50 | 1,132.25 | -6,986.01 | 2,470.58 | 2,345.40 | 125.18 | 19.736 | | |
| 10,900.00 | 6,840.00 | 6,733.40 | 6,732.65 | 137.13 | 1.82 | 90.48 | 1,132.25 | -6,986.01 | 2,419.91 | 2,290.71 | 129.20 | 18.729 | | |
| 11,000.00 | 6,840.00 | 6,732.55 | 6,731.80 | 139.73 | 1.82 | 90.46 | 1,132.25 | -6,986.02 | 2,372.38 | 2,239.14 | 133.25 | 17.805 | | |
| 11,100.00 | 6,840.00 | 6,731.70 | 6,730.95 | 142.35 | 1.82 | 90.43 | 1,132.26 | -6,986.03 | 2,328.18 | 2,190.90 | 137.28 | 16.960 | | |
| 11,200.00 | 6,840.00 | 6,730.84 | 6,730.09 | 144.96 | 1.82 | 90.41 | 1,132.26 | -6,986.04 | 2,287.50 | 2,146.22 | 141.27 | 16.192 | | |
| 11,300.00 | 6,840.00 | 6,729.98 | 6,729.23 | 147.58 | 1.82 | 90.39 | 1,132.26 | -6,986.04 | 2,250.52 | 2,105.33 | 145.19 | 15.500 | | |
| 11,400.00 | 6,840.00 | 6,729.11 | 6,728.36 | 150.20 | 1.82 | 90.36 | 1,132.27 | -6,986.05 | 2,217.45 | 2,068.44 | 149.00 | 14.882 | | |
| 11,500.00 | 6,840.00 | 6,728.24 | 6,727.49 | 152.83 | 1.82 | 90.34 | 1,132.27 | -6,986.06 | 2,188.44 | 2,035.78 | 152.67 | 14.335 | | |
| 11,600.00 | 6,840.00 | 6,727.37 | 6,726.61 | 155.46 | 1.82 | 90.32 | 1,132.27 | -6,986.07 | 2,163.68 | 2,007.53 | 156.15 | 13.857 | | |
| 11,700.00 | 6,840.00 | 6,726.48 | 6,725.73 | 158.09 | 1.82 | 90.29 | 1,132.27 | -6,986.07 | 2,143.29 | 1,983.89 | 159.40 | 13.446 | | |
| 11,800.00 | 6,840.00 | 6,725.60 | 6,724.85 | 160.73 | 1.82 | 90.27 | 1,132.28 | -6,986.08 | 2,127.42 | 1,965.03 | 162.40 | 13.100 | | |
| 11,900.00 | 6,840.00 | 6,724.71 | 6,723.96 | 163.36 | 1.82 | 90.24 | 1,132.28 | -6,986.09 | 2,116.16 | 1,951.06 | 165.09 | 12.818 | | |
| 12,000.00 | 6,840.00 | 6,723.81 | 6,723.06 | 166.01 | 1.82 | 90.22 | 1,132.28 | -6,986.10 | 2,109.58 | 1,942.11 | 167.47 | 12.597 | | |
| 12,088.98 | 6,840.00 | 6,723.01 | 6,722.26 | 168.36 | 1.82 | 90.20 | 1,132.29 | -6,986.10 | 2,107.70 | 1,938.41 | 169.30 | 12.450 CC | | |
| 12,100.00 | 6,840.00 | 6,722.92 | 6,722.16 | 168.65 | 1.82 | 90.19 | 1,132.29 | -6,986.11 | 2,107.73 | 1,938.23 | 169.50 | 12.435 ES | | |
| 12,200.00 | 6,840.00 | 6,722.01 | 6,721.26 | 171.30 | 1.82 | 90.17 | 1,132.29 | -6,986.11 | 2,110.63 | 1,939.45 | 171.17 | 12.330 | | |
| 12,300.00 | 6,840.00 | 6,721.10 | 6,720.35 | 173.94 | 1.82 | 90.15 | 1,132.29 | -6,986.12 | 2,118.24 | 1,945.77 | 172.47 | 12.282 SF | | |
| 12,400.00 | 6,840.00 | 6,720.19 | 6,719.44 | 176.59 | 1.82 | 90.12 | 1,132.30 | -6,986.13 | 2,130.53 | 1,957.12 | 173.40 | 12.287 | | |
| 12,500.00 | 6,840.00 | 6,719.27 | 6,718.52 | 179.25 | 1.82 | 90.10 | 1,132.30 | -6,986.14 | 2,147.40 | 1,973.44 | 173.97 | 12.344 | | |
| 12,600.00 | 6,840.00 | 6,718.35 | 6,717.59 | 181.90 | 1.82 | 90.07 | 1,132.30 | -6,986.15 | 2,168.76 | 1,994.58 | 174.18 | 12.451 | | |
| 12,700.00 | 6,840.00 | 6,717.42 | 6,716.66 | 184.56 | 1.82 | 90.05 | 1,132.31 | -6,986.16 | 2,194.48 | 2,020.42 | 174.06 | 12.608 | | |
| 12,800.00 | 6,840.00 | 6,716.48 | 6,715.73 | 187.22 | 1.82 | 90.02 | 1,132.31 | -6,986.16 | 2,224.39 | 2,050.76 | 173.63 | 12.811 | | |
| 12,900.00 | 6,840.00 | 6,715.54 | 6,714.79 | 189.88 | 1.82 | 89.99 | 1,132.31 | -6,986.17 | 2,258.34 | 2,085.42 | 172.92 | 13.060 | | |
| 13,000.00 | 6,840.00 | 6,714.60 | 6,713.85 | 192.54 | 1.82 | 89.97 | 1,132.32 | -6,986.18 | 2,296.15 | 2,124.19 | 171.96 | 13.353 | | |
| 13,100.00 | 6,840.00 | 6,713.65 | 6,712.90 | 195.20 | 1.82 | 89.94 | 1,132.32 | -6,986.19 | 2,337.63 | 2,166.85 | 170.77 | 13.688 | | |
| 13,200.00 | 6,840.00 | 6,712.70 | 6,711.94 | 197.87 | 1.82 | 89.92 | 1,132.32 | -6,986.20 | 2,382.58 | 2,213.18 | 169.40 | 14.065 | | |
| 13,300.00 | 6,840.00 | 6,711.74 | 6,710.98 | 200.53 | 1.82 | 89.89 | 1,132.33 | -6,986.21 | 2,430.82 | 2,262.96 | 167.86 | 14.481 | | |
| 13,400.00 | 6,840.00 | 6,710.77 | 6,710.02 | 203.20 | 1.82 | 89.86 | 1,132.33 | -6,986.22 | 2,482.15 | 2,315.96 | 166.18 | 14.936 | | |
| 13,500.00 | 6,840.00 | 6,709.80 | 6,709.05 | 205.87 | 1.82 | 89.84 | 1,132.33 | -6,986.23 | 2,536.38 | 2,371.98 | 164.40 | 15.428 | | |
| 13,600.00 | 6,840.00 | 6,708.83 | 6,708.07 | 208.54 | 1.82 | 89.81 | 1,132.34 | -6,986.23 | 2,593.34 | 2,430.80 | 162.54 | 15.956 | | |
| 13,700.00 | 6,840.00 | 6,707.85 | 6,707.09 | 211.22 | 1.82 | 89.79 | 1,132.34 | -6,986.24 | 2,652.84 | 2,492.24 | 160.61 | 16.518 | | |
| 13,800.00 | 6,840.00 | 6,706.86 | 6,706.11 | 213.89 | 1.82 | 89.76 | 1,132.34 | -6,986.25 | 2,714.73 | 2,556.10 | 158.63 | 17.113 | | |
| 13,900.00 | 6,840.00 | 6,705.87 | 6,705.11 | 216.56 | 1.82 | 89.73 | 1,132.35 | -6,986.26 | 2,778.84 | 2,622.20 | 156.63 | 17.741 | | |
| 14,000.00 | 6,840.00 | 6,704.87 | 6,704.12 | 219.24 | 1.82 | 89.70 | 1,132.35 | -6,986.27 | 2,845.01 | 2,690.39 | 154.62 | 18.400 | | |
| 14,100.00 | 6,840.00 | 6,703.87 | 6,703.11 | 221.92 | 1.82 | 89.68 | 1,132.35 | -6,986.28 | 2,913.12 | 2,760.52 | 152.61 | 19.089 | | |
| 14,200.00 | 6,840.00 | 6,702.86 | 6,702.11 | 224.59 | 1.82 | 89.65 | 1,132.36 | -6,986.29 | 2,983.03 | 2,832.42 | 150.60 | 19.807 | | |
| 14,300.00 | 6,840.00 | 6,701.84 | 6,701.09 | 227.27 | 1.82 | 89.62 | 1,132.36 | -6,986.30 | 3,054.60 | 2,905.99 | 148.62 | 20.554 | | |
| 14,400.00 | 6,840.00 | 6,700.82 | 6,700.07 | 229.95 | 1.82 | 89.59 | 1,132.36 | -6,986.31 | 3,127.74 | 2,981.08 | 146.66 | 21.327 | | |
| 14,500.00 | 6,840.00 | 6,699.82 | 6,699.07 | 232.63 | 1.82 | 89.57 | 1,132.37 | -6,986.32 | 3,202.33 | 3,057.60 | 144.73 | 22.126 | | |
| 14,600.00 | 6,840.00 | 6,698.92 | 6,698.17 | 235.31 | 1.82 | 89.54 | 1,132.37 | -6,986.33 | 3,278.28 | 3,135.44 | 142.84 | 22.951 | | |
| 14,700.00 | 6,840.00 | 6,698.02 | 6,697.27 | 238.00 | 1.82 | 89.52 | 1,132.37 | -6,986.34 | 3,355.48 | 3,214.49 | 140.99 | 23.800 | | |
| 14,800.00 | 6,840.00 | 6,697.13 | 6,696.38 | 240.68 | 1.82 | 89.49 | 1,132.38 | -6,986.34 | 3,433.86 | 3,294.68 | 139.18 | 24.673 | | |
| 14,900.00 | 6,840.00 | 6,696.23 | 6,695.48 | 243.36 | 1.82 | 89.47 | 1,132.38 | -6,986.35 | 3,513.34 | 3,375.93 | 137.41 | 25.568 | | |
| 15,000.00 | 6,840.00 | 6,695.34 | 6,694.59 | 246.05 | 1.82 | 89.45 | 1,132.38 | -6,986.36 | 3,593.84 | 3,458.15 | 135.69 | 26.485 | | |
| 15,100.00 | 6,840.00 | 6,694.45 | 6,693.70 | 248.74 | 1.82 | 89.42 | 1,132.39 | -6,986.37 | 3,675.31 | 3,541.29 | 134.02 | 27.424 | | |
| 15,200.00 | 6,840.00 | 6,693.57 | 6,692.81 | 251.42 | 1.82 | 89.40 | 1,132.39 | -6,986.38 | 3,757.66 | 3,625.27 | 132.39 | 28.383 | | |
| 15,300.00 | 6,840.00 | 6,692.68 | 6,691.93 | 254.11 | 1.82 | 89.37 | 1,132.39 | -6,986.39 | 3,840.85 | 3,710.04 | 130.81 | 29.361 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - EXIST VERT SHELTON RG 26-7 - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,400.00 | 6,840.00 | 6,691.80 | 6,691.05 | 256.80 | 1.82 | 89.35 | 1,132.39 | -6,986.40 | 3,924.83 | 3,795.55 | 129.28 | 30.359 | | |
| 15,500.00 | 6,840.00 | 6,690.92 | 6,690.17 | 259.49 | 1.82 | 89.32 | 1,132.40 | -6,986.40 | 4,009.55 | 3,881.75 | 127.79 | 31.375 | | |
| 15,600.00 | 6,840.00 | 6,690.04 | 6,689.29 | 262.17 | 1.82 | 89.30 | 1,132.40 | -6,986.41 | 4,094.95 | 3,968.60 | 126.35 | 32.409 | | |
| 15,700.00 | 6,840.00 | 6,689.16 | 6,688.41 | 264.86 | 1.82 | 89.28 | 1,132.40 | -6,986.42 | 4,181.00 | 4,056.04 | 124.95 | 33.460 | | |
| 15,800.00 | 6,840.00 | 6,688.29 | 6,687.54 | 267.55 | 1.82 | 89.25 | 1,132.41 | -6,986.43 | 4,267.66 | 4,144.06 | 123.60 | 34.528 | | |
| 15,900.00 | 6,840.00 | 6,687.42 | 6,686.67 | 270.25 | 1.82 | 89.23 | 1,132.41 | -6,986.44 | 4,354.88 | 4,232.60 | 122.29 | 35.612 | | |
| 16,000.00 | 6,840.00 | 6,686.55 | 6,685.80 | 272.94 | 1.82 | 89.21 | 1,132.41 | -6,986.44 | 4,442.65 | 4,321.63 | 121.02 | 36.711 | | |
| 16,100.00 | 6,840.00 | 6,685.68 | 6,684.93 | 275.63 | 1.82 | 89.18 | 1,132.42 | -6,986.45 | 4,530.93 | 4,411.14 | 119.79 | 37.825 | | |
| 16,200.00 | 6,840.00 | 6,684.82 | 6,684.06 | 278.32 | 1.82 | 89.16 | 1,132.42 | -6,986.46 | 4,619.68 | 4,501.08 | 118.60 | 38.953 | | |
| 16,300.00 | 6,840.00 | 6,683.95 | 6,683.20 | 281.02 | 1.82 | 89.14 | 1,132.42 | -6,986.47 | 4,708.88 | 4,591.44 | 117.44 | 40.095 | | |
| 16,400.00 | 6,840.00 | 6,683.09 | 6,682.34 | 283.71 | 1.82 | 89.11 | 1,132.43 | -6,986.48 | 4,798.51 | 4,682.18 | 116.33 | 41.251 | | |
| 16,500.00 | 6,840.00 | 6,682.23 | 6,681.48 | 286.40 | 1.82 | 89.09 | 1,132.43 | -6,986.48 | 4,888.54 | 4,773.30 | 115.24 | 42.419 | | |
| 16,600.00 | 6,840.00 | 6,681.38 | 6,680.62 | 289.10 | 1.82 | 89.07 | 1,132.43 | -6,986.49 | 4,978.95 | 4,864.75 | 114.20 | 43.600 | | |
| 16,700.00 | 6,840.00 | 6,680.52 | 6,679.77 | 291.79 | 1.82 | 89.04 | 1,132.44 | -6,986.50 | 5,069.72 | 4,956.54 | 113.18 | 44.793 | | |
| 16,800.00 | 6,840.00 | 6,679.67 | 6,678.92 | 294.49 | 1.82 | 89.02 | 1,132.44 | -6,986.51 | 5,160.83 | 5,048.64 | 112.20 | 45.998 | | |
| 16,900.00 | 6,840.00 | 6,678.82 | 6,678.07 | 297.19 | 1.82 | 89.00 | 1,132.44 | -6,986.52 | 5,252.27 | 5,141.02 | 111.25 | 47.213 | | |
| 17,000.00 | 6,840.00 | 6,677.97 | 6,677.22 | 299.88 | 1.82 | 88.97 | 1,132.44 | -6,986.52 | 5,344.01 | 5,233.69 | 110.32 | 48.440 | | |
| 17,100.00 | 6,840.00 | 6,677.12 | 6,676.37 | 302.58 | 1.82 | 88.95 | 1,132.45 | -6,986.53 | 5,436.04 | 5,326.61 | 109.43 | 49.676 | | |
| 17,200.00 | 6,840.00 | 6,676.28 | 6,675.53 | 305.28 | 1.82 | 88.93 | 1,132.45 | -6,986.54 | 5,528.35 | 5,419.79 | 108.56 | 50.923 | | |
| 17,300.00 | 6,840.00 | 6,675.44 | 6,674.69 | 307.97 | 1.82 | 88.90 | 1,132.45 | -6,986.55 | 5,620.92 | 5,513.20 | 107.72 | 52.179 | | |
| 17,400.00 | 6,840.00 | 6,674.60 | 6,673.85 | 310.67 | 1.82 | 88.88 | 1,132.46 | -6,986.56 | 5,713.75 | 5,606.84 | 106.91 | 53.445 | | |
| 17,500.00 | 6,840.00 | 6,673.76 | 6,673.01 | 313.37 | 1.82 | 88.86 | 1,132.46 | -6,986.56 | 5,806.81 | 5,700.69 | 106.12 | 54.720 | | |
| 17,600.00 | 6,840.00 | 6,672.92 | 6,672.17 | 316.07 | 1.82 | 88.84 | 1,132.46 | -6,986.57 | 5,900.10 | 5,794.74 | 105.35 | 56.003 | | |
| 17,700.00 | 6,840.00 | 6,672.09 | 6,671.34 | 318.77 | 1.82 | 88.81 | 1,132.47 | -6,986.58 | 5,993.60 | 5,888.99 | 104.61 | 57.294 | | |
| 17,800.00 | 6,840.00 | 6,671.26 | 6,670.51 | 321.47 | 1.82 | 88.79 | 1,132.47 | -6,986.59 | 6,087.31 | 5,983.42 | 103.89 | 58.593 | | |
| 17,900.00 | 6,840.00 | 6,670.43 | 6,669.68 | 324.17 | 1.82 | 88.77 | 1,132.47 | -6,986.59 | 6,181.22 | 6,078.03 | 103.19 | 59.900 | | |
| 18,000.00 | 6,840.00 | 6,669.60 | 6,668.85 | 326.87 | 1.82 | 88.75 | 1,132.48 | -6,986.60 | 6,275.31 | 6,172.80 | 102.51 | 61.215 | | |
| 18,100.00 | 6,840.00 | 6,668.77 | 6,668.02 | 329.57 | 1.82 | 88.72 | 1,132.48 | -6,986.61 | 6,369.59 | 6,267.73 | 101.85 | 62.536 | | |
| 18,200.00 | 6,840.00 | 6,667.95 | 6,667.20 | 332.27 | 1.82 | 88.70 | 1,132.48 | -6,986.62 | 6,464.04 | 6,362.82 | 101.22 | 63.864 | | |
| 18,300.00 | 6,840.00 | 6,667.13 | 6,666.38 | 334.97 | 1.82 | 88.68 | 1,132.49 | -6,986.62 | 6,558.65 | 6,458.05 | 100.59 | 65.199 | | |
| 18,400.00 | 6,840.00 | 6,666.31 | 6,665.56 | 337.67 | 1.82 | 88.66 | 1,132.49 | -6,986.63 | 6,653.42 | 6,553.43 | 99.99 | 66.539 | | |
| 18,500.00 | 6,840.00 | 6,665.49 | 6,664.74 | 340.38 | 1.82 | 88.63 | 1,132.49 | -6,986.64 | 6,748.34 | 6,648.93 | 99.41 | 67.886 | | |
| 18,600.00 | 6,840.00 | 6,664.67 | 6,663.92 | 343.08 | 1.82 | 88.61 | 1,132.49 | -6,986.65 | 6,843.40 | 6,744.57 | 98.84 | 69.239 | | |
| 18,700.00 | 6,840.00 | 6,663.86 | 6,663.11 | 345.78 | 1.82 | 88.59 | 1,132.50 | -6,986.65 | 6,938.61 | 6,840.32 | 98.29 | 70.597 | | |
| 18,800.00 | 6,840.00 | 6,663.05 | 6,662.29 | 348.48 | 1.82 | 88.57 | 1,132.50 | -6,986.66 | 7,033.94 | 6,936.20 | 97.75 | 71.960 | | |
| 18,900.00 | 6,840.00 | 6,662.23 | 6,661.48 | 351.19 | 1.82 | 88.55 | 1,132.50 | -6,986.67 | 7,129.41 | 7,032.18 | 97.23 | 73.328 | | |
| 19,000.00 | 6,840.00 | 6,661.43 | 6,660.68 | 353.89 | 1.82 | 88.52 | 1,132.51 | -6,986.68 | 7,224.99 | 7,128.28 | 96.72 | 74.701 | | |
| 19,100.00 | 6,840.00 | 6,660.62 | 6,659.87 | 356.59 | 1.82 | 88.50 | 1,132.51 | -6,986.68 | 7,320.70 | 7,224.47 | 96.22 | 76.079 | | |
| 19,200.00 | 6,840.00 | 6,659.82 | 6,659.06 | 359.30 | 1.82 | 88.48 | 1,132.51 | -6,986.69 | 7,416.52 | 7,320.77 | 95.75 | 77.461 | | |
| 19,300.00 | 6,840.00 | 6,659.01 | 6,658.26 | 362.00 | 1.82 | 88.46 | 1,132.52 | -6,986.70 | 7,512.44 | 7,417.16 | 95.28 | 78.847 | | |
| 19,400.00 | 6,840.00 | 6,658.21 | 6,657.46 | 364.71 | 1.82 | 88.44 | 1,132.52 | -6,986.70 | 7,608.47 | 7,513.65 | 94.82 | 80.237 | | |
| 19,500.00 | 6,840.00 | 6,657.41 | 6,656.66 | 367.41 | 1.82 | 88.41 | 1,132.52 | -6,986.71 | 7,704.61 | 7,610.22 | 94.38 | 81.631 | | |
| 19,600.00 | 6,840.00 | 6,656.62 | 6,655.87 | 370.11 | 1.82 | 88.39 | 1,132.53 | -6,986.72 | 7,800.84 | 7,706.88 | 93.95 | 83.029 | | |
| 19,700.00 | 6,840.00 | 6,655.82 | 6,655.07 | 372.82 | 1.82 | 88.37 | 1,132.53 | -6,986.73 | 7,897.16 | 7,803.62 | 93.54 | 84.430 | | |
| 19,800.00 | 6,840.00 | 6,655.03 | 6,654.28 | 375.53 | 1.82 | 88.35 | 1,132.53 | -6,986.73 | 7,993.57 | 7,900.44 | 93.13 | 85.834 | | |
| 19,900.00 | 6,840.00 | 6,654.24 | 6,653.49 | 378.23 | 1.82 | 88.33 | 1,132.54 | -6,986.74 | 8,090.07 | 7,997.34 | 92.73 | 87.241 | | |
| 20,000.00 | 6,840.00 | 6,653.45 | 6,652.70 | 380.94 | 1.82 | 88.31 | 1,132.54 | -6,986.75 | 8,186.66 | 8,094.31 | 92.35 | 88.651 | | |
| 20,100.00 | 6,840.00 | 6,652.66 | 6,651.91 | 383.64 | 1.82 | 88.29 | 1,132.54 | -6,986.75 | 8,283.32 | 8,191.35 | 91.97 | 90.064 | | |
| 20,200.00 | 6,840.00 | 6,651.87 | 6,651.12 | 386.35 | 1.82 | 88.26 | 1,132.54 | -6,986.76 | 8,380.07 | 8,288.46 | 91.61 | 91.479 | | |
| 20,300.00 | 6,840.00 | 6,651.09 | 6,650.34 | 389.05 | 1.82 | 88.24 | 1,132.55 | -6,986.77 | 8,476.89 | 8,385.63 | 91.25 | 92.897 | | |
| 20,400.00 | 6,840.00 | 6,650.31 | 6,649.56 | 391.76 | 1.82 | 88.22 | 1,132.55 | -6,986.77 | 8,573.78 | 8,482.87 | 90.90 | 94.316 | | |
| 20,442.82 | 6,840.00 | 6,649.97 | 6,649.22 | 392.92 | 1.82 | 88.21 | 1,132.55 | -6,986.78 | 8,615.28 | 8,524.53 | 90.76 | 94.925 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - SI VERT DUPPER 1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -73.59 | 2,479.79 | -8,419.89 | 8,778.50 | | | | | |
| 100.00 | 100.00 | 0.00 | 0.00 | 0.13 | 0.00 | -73.59 | 2,479.79 | -8,419.89 | 8,777.53 | 8,777.40 | 0.13 | N/A | | |
| 151.28 | 151.28 | 16.28 | 16.28 | 0.32 | 0.13 | -73.59 | 2,479.79 | -8,419.89 | 8,777.46 | 8,777.02 | 0.45 | N/A | | |
| 200.00 | 200.00 | 65.00 | 65.00 | 0.49 | 0.51 | -73.59 | 2,479.79 | -8,419.89 | 8,777.46 | 8,776.46 | 1.00 | 8,747.650 | | |
| 300.00 | 300.00 | 165.00 | 165.00 | 0.85 | 1.92 | -73.59 | 2,479.79 | -8,419.89 | 8,777.46 | 8,774.69 | 2.77 | 3,167.349 | | |
| 400.00 | 400.00 | 265.00 | 265.00 | 1.21 | 3.67 | -73.59 | 2,479.79 | -8,419.89 | 8,777.46 | 8,772.59 | 4.88 | 1,800.492 | | |
| 500.00 | 500.00 | 365.00 | 365.00 | 1.57 | 5.41 | -73.59 | 2,479.79 | -8,419.89 | 8,777.46 | 8,770.48 | 6.98 | 1,257.726 | | |
| 600.00 | 599.98 | 464.98 | 464.98 | 1.92 | 7.16 | 42.23 | 2,479.79 | -8,419.89 | 8,776.17 | 8,767.10 | 9.07 | 967.549 | | |
| 700.00 | 699.84 | 564.84 | 564.84 | 2.26 | 8.90 | 42.31 | 2,479.79 | -8,419.89 | 8,772.29 | 8,761.14 | 11.16 | 786.292 | | |
| 800.00 | 799.45 | 664.45 | 664.45 | 2.62 | 10.64 | 42.43 | 2,479.79 | -8,419.89 | 8,765.84 | 8,752.60 | 13.25 | 661.678 | | |
| 900.00 | 898.70 | 763.70 | 763.70 | 2.99 | 12.37 | 42.61 | 2,479.79 | -8,419.89 | 8,756.83 | 8,741.49 | 15.34 | 570.716 | | |
| 1,000.00 | 997.47 | 862.47 | 862.47 | 3.39 | 14.09 | 42.84 | 2,479.79 | -8,419.89 | 8,745.27 | 8,727.83 | 17.44 | 501.341 | | |
| 1,100.00 | 1,095.62 | 960.62 | 960.62 | 3.81 | 15.81 | 43.11 | 2,479.79 | -8,419.89 | 8,731.19 | 8,711.64 | 19.55 | 446.629 | | |
| 1,200.00 | 1,193.06 | 1,058.06 | 1,058.06 | 4.27 | 17.51 | 43.44 | 2,479.79 | -8,419.89 | 8,714.62 | 8,692.96 | 21.66 | 402.325 | | |
| 1,300.00 | 1,289.64 | 1,154.64 | 1,154.64 | 4.77 | 19.19 | 43.83 | 2,479.79 | -8,419.89 | 8,695.58 | 8,671.80 | 23.78 | 365.674 | | |
| 1,400.00 | 1,385.27 | 1,250.27 | 1,250.27 | 5.31 | 20.86 | 44.26 | 2,479.79 | -8,419.89 | 8,674.11 | 8,648.21 | 25.91 | 334.814 | | |
| 1,500.00 | 1,479.82 | 1,344.82 | 1,344.82 | 5.91 | 22.51 | 44.76 | 2,479.79 | -8,419.89 | 8,650.27 | 8,622.22 | 28.04 | 308.445 | | |
| 1,600.00 | 1,573.19 | 1,438.19 | 1,438.19 | 6.55 | 24.14 | 45.23 | 2,479.79 | -8,419.89 | 8,624.13 | 8,593.93 | 30.19 | 285.616 | | |
| 1,700.00 | 1,666.16 | 1,531.16 | 1,531.16 | 7.23 | 25.76 | 45.39 | 2,479.79 | -8,419.89 | 8,597.28 | 8,564.93 | 32.35 | 265.733 | | |
| 1,800.00 | 1,759.13 | 1,624.13 | 1,624.13 | 7.93 | 27.39 | 45.56 | 2,479.79 | -8,419.89 | 8,570.51 | 8,535.99 | 34.53 | 248.234 | | |
| 1,900.00 | 1,852.10 | 1,717.10 | 1,717.10 | 8.64 | 29.01 | 45.73 | 2,479.79 | -8,419.89 | 8,543.82 | 8,507.11 | 36.71 | 232.735 | | |
| 2,000.00 | 1,945.06 | 1,810.06 | 1,810.06 | 9.35 | 30.63 | 45.90 | 2,479.79 | -8,419.89 | 8,517.20 | 8,478.29 | 38.90 | 218.924 | | |
| 2,100.00 | 2,038.03 | 1,903.03 | 1,903.03 | 10.08 | 32.25 | 46.08 | 2,479.79 | -8,419.89 | 8,490.66 | 8,449.55 | 41.11 | 206.547 | | |
| 2,200.00 | 2,131.00 | 2,004.00 | 1,996.00 | 10.81 | 34.02 | 46.25 | 2,479.79 | -8,419.89 | 8,464.19 | 8,420.73 | 43.46 | 194.770 | | |
| 2,300.00 | 2,223.97 | 2,088.97 | 2,088.97 | 11.54 | 35.50 | 46.42 | 2,479.79 | -8,419.89 | 8,437.80 | 8,392.27 | 45.53 | 185.306 | | |
| 2,400.00 | 2,316.94 | 2,181.94 | 2,181.94 | 12.28 | 37.12 | 46.60 | 2,479.79 | -8,419.89 | 8,411.50 | 8,363.74 | 47.76 | 176.132 | | |
| 2,500.00 | 2,409.90 | 2,274.90 | 2,274.90 | 13.02 | 38.74 | 46.77 | 2,479.79 | -8,419.89 | 8,385.27 | 8,335.28 | 49.98 | 167.759 | | |
| 2,600.00 | 2,502.87 | 2,367.87 | 2,367.87 | 13.77 | 40.37 | 46.95 | 2,479.79 | -8,419.89 | 8,359.12 | 8,306.90 | 52.22 | 160.086 | | |
| 2,700.00 | 2,595.84 | 2,460.84 | 2,460.84 | 14.51 | 41.99 | 47.13 | 2,479.79 | -8,419.89 | 8,333.05 | 8,278.59 | 54.45 | 153.032 | | |
| 2,800.00 | 2,688.81 | 2,553.81 | 2,553.81 | 15.26 | 43.61 | 47.31 | 2,479.79 | -8,419.89 | 8,307.06 | 8,250.37 | 56.69 | 146.526 | | |
| 2,900.00 | 2,781.77 | 2,646.77 | 2,646.77 | 16.01 | 45.24 | 47.49 | 2,479.79 | -8,419.89 | 8,281.15 | 8,222.22 | 58.94 | 140.506 | | |
| 3,000.00 | 2,874.74 | 2,739.74 | 2,739.74 | 16.76 | 46.86 | 47.67 | 2,479.79 | -8,419.89 | 8,255.33 | 8,194.15 | 61.19 | 134.921 | | |
| 3,100.00 | 2,967.71 | 2,832.71 | 2,832.71 | 17.52 | 48.48 | 47.85 | 2,479.79 | -8,419.89 | 8,229.59 | 8,166.16 | 63.44 | 129.726 | | |
| 3,200.00 | 3,060.68 | 2,925.68 | 2,925.68 | 18.27 | 50.10 | 48.04 | 2,479.79 | -8,419.89 | 8,203.94 | 8,138.25 | 65.69 | 124.883 | | |
| 3,300.00 | 3,153.65 | 3,018.65 | 3,018.65 | 19.03 | 51.73 | 48.22 | 2,479.79 | -8,419.89 | 8,178.37 | 8,110.42 | 67.95 | 120.356 | | |
| 3,400.00 | 3,246.61 | 3,111.61 | 3,111.61 | 19.78 | 53.35 | 48.41 | 2,479.79 | -8,419.89 | 8,152.89 | 8,082.68 | 70.21 | 116.117 | | |
| 3,500.00 | 3,339.58 | 3,204.58 | 3,204.58 | 20.54 | 54.97 | 48.59 | 2,479.79 | -8,419.89 | 8,127.50 | 8,055.02 | 72.48 | 112.138 | | |
| 3,600.00 | 3,432.55 | 3,302.45 | 3,297.55 | 21.30 | 56.68 | 48.78 | 2,479.79 | -8,419.89 | 8,102.19 | 8,027.36 | 74.83 | 108.274 | | |
| 3,700.00 | 3,525.52 | 3,409.48 | 3,390.52 | 22.06 | 58.55 | 48.97 | 2,479.79 | -8,419.89 | 8,076.97 | 7,999.62 | 77.35 | 104.426 | | |
| 3,800.00 | 3,618.49 | 3,483.49 | 3,483.49 | 22.82 | 59.84 | 49.16 | 2,479.79 | -8,419.89 | 8,051.84 | 7,972.55 | 79.29 | 101.550 | | |
| 3,900.00 | 3,711.45 | 3,576.45 | 3,576.45 | 23.57 | 61.46 | 49.35 | 2,479.79 | -8,419.89 | 8,026.80 | 7,945.24 | 81.57 | 98.409 | | |
| 4,000.00 | 3,804.42 | 3,669.42 | 3,669.42 | 24.33 | 63.08 | 49.54 | 2,479.79 | -8,419.89 | 8,001.86 | 7,918.01 | 83.84 | 95.437 | | |
| 4,100.00 | 3,897.39 | 3,762.39 | 3,762.39 | 25.09 | 64.71 | 49.74 | 2,479.79 | -8,419.89 | 7,977.00 | 7,890.88 | 86.13 | 92.620 | | |
| 4,200.00 | 3,990.36 | 3,855.36 | 3,855.36 | 25.86 | 66.33 | 49.93 | 2,479.79 | -8,419.89 | 7,952.24 | 7,863.83 | 88.41 | 89.946 | | |
| 4,300.00 | 4,083.32 | 3,948.32 | 3,948.32 | 26.62 | 67.95 | 50.13 | 2,479.79 | -8,419.89 | 7,927.57 | 7,836.87 | 90.70 | 87.406 | | |
| 4,400.00 | 4,176.29 | 4,041.29 | 4,041.29 | 27.38 | 69.57 | 50.32 | 2,479.79 | -8,419.89 | 7,903.00 | 7,810.01 | 92.99 | 84.989 | | |
| 4,500.00 | 4,269.26 | 4,134.26 | 4,134.26 | 28.14 | 71.20 | 50.52 | 2,479.79 | -8,419.89 | 7,878.52 | 7,783.24 | 95.28 | 82.687 | | |
| 4,600.00 | 4,362.23 | 4,227.23 | 4,227.23 | 28.90 | 72.82 | 50.72 | 2,479.79 | -8,419.89 | 7,854.14 | 7,756.56 | 97.58 | 80.492 | | |
| 4,700.00 | 4,455.20 | 4,320.20 | 4,320.20 | 29.66 | 74.44 | 50.92 | 2,479.79 | -8,419.89 | 7,829.86 | 7,729.98 | 99.88 | 78.397 | | |
| 4,800.00 | 4,548.16 | 4,413.16 | 4,413.16 | 30.43 | 76.06 | 51.12 | 2,479.79 | -8,419.89 | 7,805.67 | 7,703.50 | 102.18 | 76.394 | | |
| 4,900.00 | 4,641.13 | 4,506.13 | 4,506.13 | 31.19 | 77.69 | 51.32 | 2,479.79 | -8,419.89 | 7,781.58 | 7,677.11 | 104.48 | 74.480 | | |
| 5,000.00 | 4,734.10 | 4,600.90 | 4,599.10 | 31.95 | 79.34 | 51.53 | 2,479.79 | -8,419.89 | 7,757.60 | 7,650.78 | 106.82 | 72.625 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - SI VERT DUPPER 1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,707.93 | 4,692.07 | 32.71 | 81.21 | 51.73 | 2,479.79 | -8,419.89 | 7,733.71 | 7,624.34 | 109.37 | 70.711 | | |
| 5,200.00 | 4,920.04 | 4,785.04 | 4,785.04 | 33.48 | 82.55 | 51.94 | 2,479.79 | -8,419.89 | 7,709.93 | 7,598.52 | 111.41 | 69.206 | | |
| 5,300.00 | 5,013.00 | 4,878.00 | 4,878.00 | 34.24 | 84.18 | 52.14 | 2,479.79 | -8,419.89 | 7,686.25 | 7,572.53 | 113.72 | 67.589 | | |
| 5,400.00 | 5,105.97 | 4,970.97 | 4,970.97 | 35.00 | 85.80 | 52.35 | 2,479.79 | -8,419.89 | 7,662.67 | 7,546.64 | 116.04 | 66.037 | | |
| 5,500.00 | 5,198.94 | 5,063.94 | 5,063.94 | 35.77 | 87.42 | 52.56 | 2,479.79 | -8,419.89 | 7,639.20 | 7,520.85 | 118.36 | 64.544 | | |
| 5,600.00 | 5,291.91 | 5,156.91 | 5,156.91 | 36.53 | 89.05 | 52.77 | 2,479.79 | -8,419.89 | 7,615.84 | 7,495.16 | 120.68 | 63.109 | | |
| 5,700.00 | 5,384.87 | 5,249.87 | 5,249.87 | 37.29 | 90.67 | 52.98 | 2,479.79 | -8,419.89 | 7,592.58 | 7,469.58 | 123.00 | 61.727 | | |
| 5,800.00 | 5,477.84 | 5,342.84 | 5,342.84 | 38.06 | 92.29 | 53.19 | 2,479.79 | -8,419.89 | 7,569.43 | 7,444.10 | 125.33 | 60.396 | | |
| 5,900.00 | 5,570.81 | 5,435.81 | 5,435.81 | 38.82 | 93.91 | 53.41 | 2,479.79 | -8,419.89 | 7,546.39 | 7,418.73 | 127.66 | 59.114 | | |
| 6,000.00 | 5,663.78 | 5,528.78 | 5,528.78 | 39.59 | 95.54 | 53.62 | 2,479.79 | -8,419.89 | 7,523.45 | 7,393.46 | 129.99 | 57.877 | | |
| 6,100.00 | 5,756.75 | 5,621.75 | 5,621.75 | 40.35 | 97.16 | 53.84 | 2,479.79 | -8,419.89 | 7,500.63 | 7,368.31 | 132.33 | 56.683 | | |
| 6,200.00 | 5,849.71 | 5,714.71 | 5,714.71 | 41.12 | 98.78 | 54.06 | 2,479.79 | -8,419.89 | 7,477.92 | 7,343.26 | 134.66 | 55.530 | | |
| 6,300.00 | 5,942.68 | 5,807.68 | 5,807.68 | 41.88 | 100.40 | 54.28 | 2,479.79 | -8,419.89 | 7,455.32 | 7,318.32 | 137.00 | 54.417 | | |
| 6,400.00 | 6,035.65 | 5,900.65 | 5,900.65 | 42.64 | 102.03 | 54.50 | 2,479.79 | -8,419.89 | 7,432.84 | 7,293.50 | 139.35 | 53.341 | | |
| 6,500.00 | 6,128.62 | 6,006.38 | 6,006.38 | 43.41 | 103.87 | 54.72 | 2,479.79 | -8,419.89 | 7,410.47 | 7,268.56 | 141.91 | 52.218 | | |
| 6,600.00 | 6,221.59 | 6,086.59 | 6,086.59 | 44.17 | 105.27 | 54.94 | 2,479.79 | -8,419.89 | 7,388.22 | 7,244.18 | 144.04 | 51.293 | | |
| 6,700.00 | 6,314.55 | 6,179.55 | 6,179.55 | 44.94 | 106.89 | 55.16 | 2,479.79 | -8,419.89 | 7,366.09 | 7,219.70 | 146.39 | 50.318 | | |
| 6,800.00 | 6,407.52 | 6,272.52 | 6,272.52 | 45.70 | 108.52 | 55.39 | 2,479.79 | -8,419.89 | 7,344.07 | 7,195.33 | 148.74 | 49.374 | | |
| 6,900.00 | 6,499.98 | 6,364.98 | 6,364.98 | 46.49 | 110.13 | 52.01 | 2,479.79 | -8,419.89 | 7,320.91 | 7,169.81 | 151.10 | 48.450 | | |
| 7,000.00 | 6,586.50 | 6,451.50 | 6,451.50 | 47.49 | 111.64 | 48.02 | 2,479.79 | -8,419.89 | 7,285.83 | 7,132.34 | 153.49 | 47.469 | | |
| 7,100.00 | 6,663.58 | 6,528.58 | 6,528.58 | 48.75 | 112.99 | 47.98 | 2,479.79 | -8,419.89 | 7,237.33 | 7,081.50 | 155.83 | 46.443 | | |
| 7,200.00 | 6,728.87 | 6,606.13 | 6,593.87 | 50.23 | 114.34 | 50.85 | 2,479.79 | -8,419.89 | 7,176.98 | 7,018.69 | 158.29 | 45.342 | | |
| 7,300.00 | 6,780.38 | 6,645.38 | 6,645.38 | 51.91 | 115.02 | 56.68 | 2,479.79 | -8,419.89 | 7,106.68 | 6,946.54 | 160.14 | 44.379 | | |
| 7,400.00 | 6,816.56 | 6,681.56 | 6,681.56 | 53.74 | 115.66 | 66.01 | 2,479.79 | -8,419.89 | 7,028.62 | 6,866.66 | 161.96 | 43.396 | | |
| 7,500.00 | 6,836.29 | 6,701.29 | 6,701.29 | 55.65 | 116.00 | 79.33 | 2,479.79 | -8,419.89 | 6,945.20 | 6,781.71 | 163.49 | 42.480 | | |
| 7,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 57.58 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,859.02 | 6,694.32 | 164.70 | 41.645 | | |
| 7,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 59.56 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,772.76 | 6,606.89 | 165.88 | 40.830 | | |
| 7,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 61.60 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,686.89 | 6,519.79 | 167.10 | 40.017 | | |
| 7,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 63.69 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,601.41 | 6,433.03 | 168.38 | 39.206 | | |
| 8,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 65.82 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,516.35 | 6,346.64 | 169.71 | 38.397 | | |
| 8,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 67.99 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,431.72 | 6,260.62 | 171.09 | 37.592 | | |
| 8,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 70.21 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,347.53 | 6,174.99 | 172.54 | 36.790 | | |
| 8,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 72.45 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,263.81 | 6,089.77 | 174.03 | 35.992 | | |
| 8,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 74.73 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,180.57 | 6,004.98 | 175.59 | 35.199 | | |
| 8,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 77.04 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,097.84 | 5,920.63 | 177.20 | 34.412 | | |
| 8,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 79.38 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,015.63 | 5,836.75 | 178.88 | 33.630 | | |
| 8,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 81.74 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,933.97 | 5,753.36 | 180.61 | 32.855 | | |
| 8,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 84.12 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,852.87 | 5,670.47 | 182.40 | 32.087 | | |
| 8,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 86.52 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,772.37 | 5,588.11 | 184.26 | 31.327 | | |
| 9,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 88.94 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,692.49 | 5,506.31 | 186.18 | 30.575 | | |
| 9,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 91.38 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,613.25 | 5,425.09 | 188.17 | 29.831 | | |
| 9,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 93.83 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,534.69 | 5,344.47 | 190.22 | 29.097 | | |
| 9,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 96.30 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,456.83 | 5,264.49 | 192.33 | 28.372 | | |
| 9,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 98.79 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,379.69 | 5,185.18 | 194.51 | 27.657 | | |
| 9,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 101.28 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,303.33 | 5,106.56 | 196.76 | 26.953 | | |
| 9,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 103.79 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,227.76 | 5,028.67 | 199.08 | 26.259 | | |
| 9,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 106.30 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,153.02 | 4,951.55 | 201.47 | 25.577 | | |
| 9,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 108.83 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,079.15 | 4,875.22 | 203.93 | 24.907 | | |
| 9,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 111.37 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,006.19 | 4,799.73 | 206.46 | 24.248 | | |
| 10,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 113.91 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,934.18 | 4,725.12 | 209.06 | 23.602 | | |
| 10,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 116.47 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,863.15 | 4,651.43 | 211.73 | 22.969 | | |
| 10,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 119.03 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,793.16 | 4,578.70 | 214.47 | 22.349 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - SI VERT DUPPER 1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|-------------------------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Highside Toolface (°) | Distance | | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | | | | | | |
| 10,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 121.59 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,724.26 | 4,506.97 | 217.28 | 21.743 | | |
| 10,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 124.17 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,656.47 | 4,436.31 | 220.16 | 21.150 | | |
| 10,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 126.75 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,589.87 | 4,366.75 | 223.12 | 20.572 | | |
| 10,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 129.34 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,524.50 | 4,298.36 | 226.14 | 20.008 | | |
| 10,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 131.93 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,460.41 | 4,231.18 | 229.23 | 19.458 | | |
| 10,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 134.53 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,397.66 | 4,165.28 | 232.38 | 18.924 | | |
| 10,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 137.13 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,336.31 | 4,100.71 | 235.60 | 18.405 | | |
| 11,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 139.73 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,276.42 | 4,037.53 | 238.88 | 17.902 | | |
| 11,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 142.35 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,218.05 | 3,975.82 | 242.22 | 17.414 | | |
| 11,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 144.96 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,161.26 | 3,915.64 | 245.62 | 16.942 | | |
| 11,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 147.58 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,106.12 | 3,857.06 | 249.06 | 16.486 | | |
| 11,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 150.20 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,052.70 | 3,800.15 | 252.55 | 16.047 | | |
| 11,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 152.83 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,001.07 | 3,744.99 | 256.08 | 15.624 | | |
| 11,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 155.46 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,951.29 | 3,691.65 | 259.65 | 15.218 | | |
| 11,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 158.09 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,903.45 | 3,640.21 | 263.24 | 14.829 | | |
| 11,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 160.73 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,857.60 | 3,590.75 | 266.85 | 14.456 | | |
| 11,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 163.36 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,813.82 | 3,543.35 | 270.47 | 14.100 | | |
| 12,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 166.01 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,772.19 | 3,498.09 | 274.10 | 13.762 | | |
| 12,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 168.65 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,732.77 | 3,455.05 | 277.72 | 13.441 | | |
| 12,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 171.30 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,695.64 | 3,414.31 | 281.32 | 13.137 | | |
| 12,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 173.94 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,660.86 | 3,375.96 | 284.90 | 12.850 | | |
| 12,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 176.59 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,628.50 | 3,340.07 | 288.44 | 12.580 | | |
| 12,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 179.25 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,598.64 | 3,306.72 | 291.92 | 12.327 | | |
| 12,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 181.90 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,571.33 | 3,275.98 | 295.35 | 12.092 | | |
| 12,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 184.56 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,546.62 | 3,247.93 | 298.70 | 11.874 | | |
| 12,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 187.22 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,524.59 | 3,222.62 | 301.96 | 11.672 | | |
| 12,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 189.88 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,505.26 | 3,200.14 | 305.13 | 11.488 | | |
| 13,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 192.54 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,488.70 | 3,180.52 | 308.18 | 11.320 | | |
| 13,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 195.20 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,474.94 | 3,163.82 | 311.12 | 11.169 | | |
| 13,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 197.87 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,464.01 | 3,150.09 | 313.92 | 11.035 | | |
| 13,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 200.53 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,455.94 | 3,139.36 | 316.58 | 10.917 | | |
| 13,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 203.20 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,450.75 | 3,131.67 | 319.09 | 10.814 | | |
| 13,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 205.87 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,448.46 | 3,127.02 | 321.44 | 10.728 | | |
| 13,529.18 | 6,840.00 | 6,705.00 | 6,705.00 | 206.65 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,448.33 | 3,126.24 | 322.09 | 10.706 CC | | |
| 13,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 208.54 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,449.06 | 3,125.44 | 323.62 | 10.658 ES | | |
| 13,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 211.22 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,452.56 | 3,126.93 | 325.63 | 10.603 | | |
| 13,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 213.89 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,458.95 | 3,131.48 | 327.47 | 10.563 | | |
| 13,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 216.56 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,468.22 | 3,139.08 | 329.13 | 10.537 | | |
| 14,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 219.24 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,480.33 | 3,149.71 | 330.61 | 10.527 SF | | |
| 14,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 221.92 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,495.26 | 3,163.35 | 331.92 | 10.531 | | |
| 14,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 224.59 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,512.98 | 3,179.94 | 333.04 | 10.548 | | |
| 14,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 227.27 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,533.44 | 3,199.45 | 333.99 | 10.580 | | |
| 14,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 229.95 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,556.59 | 3,221.83 | 334.76 | 10.624 | | |
| 14,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 232.63 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,582.39 | 3,247.02 | 335.37 | 10.682 | | |
| 14,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 235.31 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,610.77 | 3,274.95 | 335.82 | 10.752 | | |
| 14,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 238.00 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,641.68 | 3,305.57 | 336.11 | 10.835 | | |
| 14,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 240.68 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,675.05 | 3,338.79 | 336.26 | 10.929 | | |
| 14,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 243.36 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,710.82 | 3,374.56 | 336.26 | 11.036 | | |
| 15,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 246.05 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,748.91 | 3,412.78 | 336.13 | 11.153 | | |
| 15,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 248.74 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,789.26 | 3,453.38 | 335.88 | 11.282 | | |
| 15,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 251.42 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,831.80 | 3,496.29 | 335.51 | 11.421 | | |
| 15,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 254.11 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,876.44 | 3,541.41 | 335.03 | 11.570 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - SI VERT DUPPER 1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 256.80 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,923.14 | 3,588.68 | 334.46 | 11.730 | | |
| 15,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 259.49 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 3,971.79 | 3,638.01 | 333.79 | 11.899 | | |
| 15,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 262.17 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,022.35 | 3,689.31 | 333.04 | 12.078 | | |
| 15,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 264.86 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,074.74 | 3,742.52 | 332.21 | 12.265 | | |
| 15,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 267.55 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,128.88 | 3,797.56 | 331.32 | 12.462 | | |
| 15,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 270.25 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,184.71 | 3,854.34 | 330.37 | 12.667 | | |
| 16,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 272.94 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,242.17 | 3,912.80 | 329.36 | 12.880 | | |
| 16,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 275.63 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,301.18 | 3,972.87 | 328.31 | 13.101 | | |
| 16,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 278.32 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,361.69 | 4,034.47 | 327.22 | 13.330 | | |
| 16,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 281.02 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,423.63 | 4,097.54 | 326.09 | 13.566 | | |
| 16,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 283.71 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,486.94 | 4,162.01 | 324.93 | 13.809 | | |
| 16,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 286.40 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,551.57 | 4,227.82 | 323.75 | 14.059 | | |
| 16,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 289.10 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,617.46 | 4,294.92 | 322.54 | 14.316 | | |
| 16,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 291.79 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,684.56 | 4,363.24 | 321.32 | 14.579 | | |
| 16,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 294.49 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,752.82 | 4,432.73 | 320.09 | 14.848 | | |
| 16,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 297.19 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,822.18 | 4,503.34 | 318.85 | 15.124 | | |
| 17,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 299.88 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,892.61 | 4,575.01 | 317.60 | 15.405 | | |
| 17,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 302.58 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 4,964.05 | 4,647.70 | 316.35 | 15.692 | | |
| 17,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 305.28 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,036.46 | 4,721.37 | 315.10 | 15.984 | | |
| 17,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 307.97 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,109.81 | 4,795.96 | 313.85 | 16.281 | | |
| 17,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 310.67 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,184.04 | 4,871.44 | 312.60 | 16.584 | | |
| 17,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 313.37 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,259.13 | 4,947.77 | 311.36 | 16.891 | | |
| 17,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 316.07 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,335.04 | 5,024.91 | 310.13 | 17.203 | | |
| 17,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 318.77 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,411.73 | 5,102.82 | 308.90 | 17.519 | | |
| 17,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 321.47 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,489.17 | 5,181.48 | 307.69 | 17.840 | | |
| 17,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 324.17 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,567.33 | 5,260.84 | 306.49 | 18.165 | | |
| 18,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 326.87 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,646.17 | 5,340.88 | 305.30 | 18.494 | | |
| 18,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 329.57 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,725.68 | 5,421.56 | 304.12 | 18.827 | | |
| 18,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 332.27 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,805.82 | 5,502.87 | 302.96 | 19.164 | | |
| 18,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 334.97 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,886.58 | 5,584.77 | 301.81 | 19.504 | | |
| 18,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 337.67 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 5,967.91 | 5,667.23 | 300.67 | 19.848 | | |
| 18,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 340.38 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,049.80 | 5,750.25 | 299.56 | 20.196 | | |
| 18,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 343.08 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,132.23 | 5,833.78 | 298.45 | 20.547 | | |
| 18,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 345.78 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,215.18 | 5,917.81 | 297.37 | 20.901 | | |
| 18,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 348.48 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,298.62 | 6,002.32 | 296.30 | 21.258 | | |
| 18,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 351.19 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,382.54 | 6,087.29 | 295.24 | 21.618 | | |
| 19,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 353.89 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,466.91 | 6,172.70 | 294.21 | 21.981 | | |
| 19,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 356.59 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,551.72 | 6,258.54 | 293.18 | 22.347 | | |
| 19,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 359.30 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,636.96 | 6,344.78 | 292.18 | 22.715 | | |
| 19,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 362.00 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,722.60 | 6,431.41 | 291.19 | 23.086 | | |
| 19,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 364.71 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,808.64 | 6,518.42 | 290.22 | 23.460 | | |
| 19,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 367.41 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,895.05 | 6,605.79 | 289.27 | 23.836 | | |
| 19,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 370.11 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 6,981.83 | 6,693.50 | 288.33 | 24.215 | | |
| 19,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 372.82 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 7,068.95 | 6,781.55 | 287.41 | 24.596 | | |
| 19,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 375.53 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 7,156.41 | 6,869.91 | 286.50 | 24.979 | | |
| 19,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 378.23 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 7,244.20 | 6,958.59 | 285.61 | 25.364 | | |
| 20,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 380.94 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 7,332.30 | 7,047.56 | 284.73 | 25.751 | | |
| 20,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 383.64 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 7,420.70 | 7,136.82 | 283.87 | 26.141 | | |
| 20,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 386.35 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 7,509.39 | 7,226.36 | 283.03 | 26.532 | | |
| 20,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 389.05 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 7,598.36 | 7,316.16 | 282.20 | 26.925 | | |
| 20,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 391.76 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 7,687.60 | 7,406.21 | 281.39 | 27.320 | | |
| 20,442.82 | 6,840.00 | 6,705.00 | 6,705.00 | 392.92 | 116.06 | 90.00 | 2,479.79 | -8,419.89 | 7,725.89 | 7,444.85 | 281.04 | 27.490 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - SI VERT SHELTON R G 26-2 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INCL-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -71.79 | 2,355.53 | -7,161.72 | 7,540.36 | | | | | |
| 100.00 | 100.00 | 0.00 | 0.00 | 0.13 | 0.00 | -71.79 | 2,355.53 | -7,161.72 | 7,539.23 | 7,539.10 | 0.13 | N/A | | |
| 151.28 | 151.28 | 16.28 | 16.28 | 0.32 | 0.13 | -71.79 | 2,355.53 | -7,161.72 | 7,539.15 | 7,538.71 | 0.45 | N/A | | |
| 200.00 | 200.00 | 65.00 | 65.00 | 0.49 | 0.51 | -71.79 | 2,355.53 | -7,161.72 | 7,539.15 | 7,538.15 | 1.00 | 7,513.545 | | |
| 300.00 | 300.00 | 165.00 | 165.00 | 0.85 | 1.92 | -71.79 | 2,355.53 | -7,161.72 | 7,539.15 | 7,536.38 | 2.77 | 2,720.504 | | |
| 400.00 | 400.00 | 265.00 | 265.00 | 1.21 | 3.67 | -71.79 | 2,355.53 | -7,161.72 | 7,539.15 | 7,534.28 | 4.88 | 1,546.482 | | |
| 500.00 | 500.00 | 365.00 | 365.00 | 1.57 | 5.41 | -71.79 | 2,355.53 | -7,161.72 | 7,539.15 | 7,532.17 | 6.98 | 1,080.288 | | |
| 600.00 | 599.98 | 464.98 | 464.98 | 1.92 | 7.16 | 44.03 | 2,355.53 | -7,161.72 | 7,537.90 | 7,528.83 | 9.07 | 831.033 | | |
| 700.00 | 699.84 | 564.84 | 564.84 | 2.26 | 8.90 | 44.11 | 2,355.53 | -7,161.72 | 7,534.13 | 7,522.98 | 11.16 | 675.311 | | |
| 800.00 | 799.45 | 664.45 | 664.45 | 2.62 | 10.64 | 44.24 | 2,355.53 | -7,161.72 | 7,527.87 | 7,514.62 | 13.25 | 568.223 | | |
| 900.00 | 898.70 | 763.70 | 763.70 | 2.99 | 12.37 | 44.43 | 2,355.53 | -7,161.72 | 7,519.12 | 7,503.78 | 15.34 | 490.023 | | |
| 1,000.00 | 997.47 | 862.47 | 862.47 | 3.39 | 14.09 | 44.67 | 2,355.53 | -7,161.72 | 7,507.91 | 7,490.46 | 17.45 | 430.355 | | |
| 1,100.00 | 1,095.62 | 960.62 | 960.62 | 3.81 | 15.81 | 44.97 | 2,355.53 | -7,161.72 | 7,494.25 | 7,474.69 | 19.55 | 383.274 | | |
| 1,200.00 | 1,193.06 | 1,058.06 | 1,058.06 | 4.27 | 17.51 | 45.32 | 2,355.53 | -7,161.72 | 7,478.17 | 7,456.51 | 21.67 | 345.126 | | |
| 1,300.00 | 1,289.64 | 1,154.64 | 1,154.64 | 4.77 | 19.19 | 45.73 | 2,355.53 | -7,161.72 | 7,459.72 | 7,435.93 | 23.79 | 313.548 | | |
| 1,400.00 | 1,385.27 | 1,250.27 | 1,250.27 | 5.31 | 20.86 | 46.19 | 2,355.53 | -7,161.72 | 7,438.93 | 7,413.01 | 25.92 | 286.942 | | |
| 1,500.00 | 1,479.82 | 1,344.82 | 1,344.82 | 5.91 | 22.51 | 46.71 | 2,355.53 | -7,161.72 | 7,415.85 | 7,387.78 | 28.07 | 264.190 | | |
| 1,600.00 | 1,573.19 | 1,438.19 | 1,438.19 | 6.55 | 24.14 | 47.21 | 2,355.53 | -7,161.72 | 7,390.56 | 7,360.33 | 30.23 | 244.481 | | |
| 1,700.00 | 1,666.16 | 1,531.16 | 1,531.16 | 7.23 | 25.76 | 47.41 | 2,355.53 | -7,161.72 | 7,364.62 | 7,332.22 | 32.40 | 227.309 | | |
| 1,800.00 | 1,759.13 | 1,624.13 | 1,624.13 | 7.93 | 27.39 | 47.62 | 2,355.53 | -7,161.72 | 7,338.77 | 7,304.18 | 34.58 | 212.202 | | |
| 1,900.00 | 1,852.10 | 1,717.10 | 1,717.10 | 8.64 | 29.01 | 47.82 | 2,355.53 | -7,161.72 | 7,313.01 | 7,276.23 | 36.78 | 198.825 | | |
| 2,000.00 | 1,945.06 | 1,810.06 | 1,810.06 | 9.35 | 30.63 | 48.03 | 2,355.53 | -7,161.72 | 7,287.35 | 7,248.36 | 38.99 | 186.909 | | |
| 2,100.00 | 2,038.03 | 1,903.03 | 1,903.03 | 10.08 | 32.25 | 48.24 | 2,355.53 | -7,161.72 | 7,261.78 | 7,220.58 | 41.21 | 176.235 | | |
| 2,200.00 | 2,131.00 | 2,004.00 | 1,996.00 | 10.81 | 34.02 | 48.45 | 2,355.53 | -7,161.72 | 7,236.32 | 7,192.75 | 43.57 | 166.088 | | |
| 2,300.00 | 2,223.97 | 2,088.97 | 2,088.97 | 11.54 | 35.50 | 48.66 | 2,355.53 | -7,161.72 | 7,210.95 | 7,165.29 | 45.66 | 157.925 | | |
| 2,400.00 | 2,316.94 | 2,181.94 | 2,181.94 | 12.28 | 37.12 | 48.87 | 2,355.53 | -7,161.72 | 7,185.67 | 7,137.78 | 47.90 | 150.020 | | |
| 2,500.00 | 2,409.90 | 2,274.90 | 2,274.90 | 13.02 | 38.74 | 49.08 | 2,355.53 | -7,161.72 | 7,160.50 | 7,110.36 | 50.14 | 142.808 | | |
| 2,600.00 | 2,502.87 | 2,367.87 | 2,367.87 | 13.77 | 40.37 | 49.30 | 2,355.53 | -7,161.72 | 7,135.44 | 7,083.05 | 52.39 | 136.201 | | |
| 2,700.00 | 2,595.84 | 2,460.84 | 2,460.84 | 14.51 | 41.99 | 49.51 | 2,355.53 | -7,161.72 | 7,110.47 | 7,055.83 | 54.64 | 130.128 | | |
| 2,800.00 | 2,688.81 | 2,553.81 | 2,553.81 | 15.26 | 43.61 | 49.73 | 2,355.53 | -7,161.72 | 7,085.61 | 7,028.71 | 56.90 | 124.529 | | |
| 2,900.00 | 2,781.77 | 2,646.77 | 2,646.77 | 16.01 | 45.24 | 49.95 | 2,355.53 | -7,161.72 | 7,060.85 | 7,001.69 | 59.16 | 119.349 | | |
| 3,000.00 | 2,874.74 | 2,739.74 | 2,739.74 | 16.76 | 46.86 | 50.17 | 2,355.53 | -7,161.72 | 7,036.19 | 6,974.77 | 61.43 | 114.546 | | |
| 3,100.00 | 2,967.71 | 2,832.71 | 2,832.71 | 17.52 | 48.48 | 50.39 | 2,355.53 | -7,161.72 | 7,011.65 | 6,947.95 | 63.70 | 110.079 | | |
| 3,200.00 | 3,060.68 | 2,925.68 | 2,925.68 | 18.27 | 50.10 | 50.61 | 2,355.53 | -7,161.72 | 6,987.21 | 6,921.24 | 65.97 | 105.915 | | |
| 3,300.00 | 3,153.65 | 3,018.65 | 3,018.65 | 19.03 | 51.73 | 50.84 | 2,355.53 | -7,161.72 | 6,962.88 | 6,894.63 | 68.25 | 102.024 | | |
| 3,400.00 | 3,246.61 | 3,111.61 | 3,111.61 | 19.78 | 53.35 | 51.07 | 2,355.53 | -7,161.72 | 6,938.66 | 6,868.13 | 70.53 | 98.382 | | |
| 3,500.00 | 3,339.58 | 3,204.58 | 3,204.58 | 20.54 | 54.97 | 51.29 | 2,355.53 | -7,161.72 | 6,914.55 | 6,841.74 | 72.81 | 94.964 | | |
| 3,600.00 | 3,432.55 | 3,302.45 | 3,297.55 | 21.30 | 56.68 | 51.52 | 2,355.53 | -7,161.72 | 6,890.56 | 6,815.37 | 75.19 | 91.648 | | |
| 3,700.00 | 3,525.52 | 3,409.48 | 3,390.52 | 22.06 | 58.55 | 51.75 | 2,355.53 | -7,161.72 | 6,866.68 | 6,788.96 | 77.72 | 88.349 | | |
| 3,800.00 | 3,618.49 | 3,483.49 | 3,483.49 | 22.82 | 59.84 | 51.98 | 2,355.53 | -7,161.72 | 6,842.91 | 6,763.23 | 79.69 | 85.874 | | |
| 3,900.00 | 3,711.45 | 3,576.45 | 3,576.45 | 23.57 | 61.46 | 52.22 | 2,355.53 | -7,161.72 | 6,819.26 | 6,737.28 | 81.98 | 83.179 | | |
| 4,000.00 | 3,804.42 | 3,669.42 | 3,669.42 | 24.33 | 63.08 | 52.45 | 2,355.53 | -7,161.72 | 6,795.73 | 6,711.45 | 84.28 | 80.629 | | |
| 4,100.00 | 3,897.39 | 3,762.39 | 3,762.39 | 25.09 | 64.71 | 52.69 | 2,355.53 | -7,161.72 | 6,772.32 | 6,685.73 | 86.59 | 78.214 | | |
| 4,200.00 | 3,990.36 | 3,855.36 | 3,855.36 | 25.86 | 66.33 | 52.93 | 2,355.53 | -7,161.72 | 6,749.02 | 6,660.13 | 88.89 | 75.922 | | |
| 4,300.00 | 4,083.32 | 3,948.32 | 3,948.32 | 26.62 | 67.95 | 53.16 | 2,355.53 | -7,161.72 | 6,725.85 | 6,634.65 | 91.20 | 73.745 | | |
| 4,400.00 | 4,176.29 | 4,041.29 | 4,041.29 | 27.38 | 69.57 | 53.41 | 2,355.53 | -7,161.72 | 6,702.80 | 6,609.28 | 93.52 | 71.674 | | |
| 4,500.00 | 4,269.26 | 4,134.26 | 4,134.26 | 28.14 | 71.20 | 53.65 | 2,355.53 | -7,161.72 | 6,679.87 | 6,584.04 | 95.83 | 69.702 | | |
| 4,600.00 | 4,362.23 | 4,227.23 | 4,227.23 | 28.90 | 72.82 | 53.89 | 2,355.53 | -7,161.72 | 6,657.07 | 6,558.92 | 98.15 | 67.823 | | |
| 4,700.00 | 4,455.20 | 4,320.20 | 4,320.20 | 29.66 | 74.44 | 54.14 | 2,355.53 | -7,161.72 | 6,634.40 | 6,533.92 | 100.48 | 66.029 | | |
| 4,800.00 | 4,548.16 | 4,413.16 | 4,413.16 | 30.43 | 76.06 | 54.38 | 2,355.53 | -7,161.72 | 6,611.85 | 6,509.05 | 102.80 | 64.316 | | |
| 4,900.00 | 4,641.13 | 4,506.13 | 4,506.13 | 31.19 | 77.69 | 54.63 | 2,355.53 | -7,161.72 | 6,589.43 | 6,484.30 | 105.13 | 62.679 | | |
| 5,000.00 | 4,734.10 | 4,600.90 | 4,599.10 | 31.95 | 79.34 | 54.88 | 2,355.53 | -7,161.72 | 6,567.14 | 6,459.65 | 107.49 | 61.093 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - SI VERT SHELTON R G 26-2 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INCL-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,707.93 | 4,692.07 | 32.71 | 81.21 | 55.13 | 2,355.53 | -7,161.72 | 6,544.98 | 6,434.91 | 110.07 | 59.460 | | |
| 5,200.00 | 4,920.04 | 4,785.04 | 4,785.04 | 33.48 | 82.55 | 55.39 | 2,355.53 | -7,161.72 | 6,522.96 | 6,410.82 | 112.13 | 58.171 | | |
| 5,300.00 | 5,013.00 | 4,878.00 | 4,878.00 | 34.24 | 84.18 | 55.64 | 2,355.53 | -7,161.72 | 6,501.06 | 6,386.59 | 114.47 | 56.790 | | |
| 5,400.00 | 5,105.97 | 4,970.97 | 4,970.97 | 35.00 | 85.80 | 55.90 | 2,355.53 | -7,161.72 | 6,479.31 | 6,362.49 | 116.82 | 55.465 | | |
| 5,500.00 | 5,198.94 | 5,063.94 | 5,063.94 | 35.77 | 87.42 | 56.15 | 2,355.53 | -7,161.72 | 6,457.69 | 6,338.53 | 119.16 | 54.191 | | |
| 5,600.00 | 5,291.91 | 5,156.91 | 5,156.91 | 36.53 | 89.05 | 56.41 | 2,355.53 | -7,161.72 | 6,436.21 | 6,314.70 | 121.51 | 52.967 | | |
| 5,700.00 | 5,384.87 | 5,249.87 | 5,249.87 | 37.29 | 90.67 | 56.67 | 2,355.53 | -7,161.72 | 6,414.87 | 6,291.00 | 123.87 | 51.789 | | |
| 5,800.00 | 5,477.84 | 5,342.84 | 5,342.84 | 38.06 | 92.29 | 56.94 | 2,355.53 | -7,161.72 | 6,393.67 | 6,267.45 | 126.22 | 50.654 | | |
| 5,900.00 | 5,570.81 | 5,435.81 | 5,435.81 | 38.82 | 93.91 | 57.20 | 2,355.53 | -7,161.72 | 6,372.61 | 6,244.03 | 128.58 | 49.562 | | |
| 6,000.00 | 5,663.78 | 5,528.78 | 5,528.78 | 39.59 | 95.54 | 57.47 | 2,355.53 | -7,161.72 | 6,351.70 | 6,220.76 | 130.94 | 48.508 | | |
| 6,100.00 | 5,756.75 | 5,621.75 | 5,621.75 | 40.35 | 97.16 | 57.73 | 2,355.53 | -7,161.72 | 6,330.93 | 6,197.62 | 133.30 | 47.492 | | |
| 6,200.00 | 5,849.71 | 5,714.71 | 5,714.71 | 41.12 | 98.78 | 58.00 | 2,355.53 | -7,161.72 | 6,310.31 | 6,174.64 | 135.67 | 46.512 | | |
| 6,300.00 | 5,942.68 | 5,807.68 | 5,807.68 | 41.88 | 100.40 | 58.27 | 2,355.53 | -7,161.72 | 6,289.83 | 6,151.79 | 138.04 | 45.565 | | |
| 6,400.00 | 6,035.65 | 5,900.65 | 5,900.65 | 42.64 | 102.03 | 58.54 | 2,355.53 | -7,161.72 | 6,269.51 | 6,129.10 | 140.41 | 44.651 | | |
| 6,500.00 | 6,128.62 | 6,006.38 | 5,993.62 | 43.41 | 103.87 | 58.82 | 2,355.53 | -7,161.72 | 6,249.34 | 6,106.32 | 143.01 | 43.698 | | |
| 6,600.00 | 6,221.59 | 6,086.59 | 6,086.59 | 44.17 | 105.27 | 59.09 | 2,355.53 | -7,161.72 | 6,229.32 | 6,084.15 | 145.17 | 42.912 | | |
| 6,700.00 | 6,314.55 | 6,179.55 | 6,179.55 | 44.94 | 106.89 | 59.37 | 2,355.53 | -7,161.72 | 6,209.45 | 6,061.90 | 147.55 | 42.085 | | |
| 6,800.00 | 6,407.52 | 6,272.52 | 6,272.52 | 45.70 | 108.52 | 59.65 | 2,355.53 | -7,161.72 | 6,189.74 | 6,039.81 | 149.93 | 41.284 | | |
| 6,900.00 | 6,499.98 | 6,364.98 | 6,364.98 | 46.49 | 110.13 | 56.34 | 2,355.53 | -7,161.72 | 6,168.97 | 6,016.65 | 152.32 | 40.499 | | |
| 7,000.00 | 6,586.50 | 6,451.50 | 6,451.50 | 47.49 | 111.64 | 52.47 | 2,355.53 | -7,161.72 | 6,136.76 | 5,982.00 | 154.76 | 39.654 | | |
| 7,100.00 | 6,663.58 | 6,528.58 | 6,528.58 | 48.75 | 112.99 | 52.57 | 2,355.53 | -7,161.72 | 6,091.68 | 5,934.50 | 157.18 | 38.755 | | |
| 7,200.00 | 6,728.87 | 6,606.13 | 6,593.87 | 50.23 | 114.34 | 55.52 | 2,355.53 | -7,161.72 | 6,035.24 | 5,875.49 | 159.75 | 37.780 | | |
| 7,300.00 | 6,780.38 | 6,645.38 | 6,645.38 | 51.91 | 115.02 | 61.18 | 2,355.53 | -7,161.72 | 5,969.26 | 5,807.52 | 161.74 | 36.907 | | |
| 7,400.00 | 6,816.56 | 6,681.56 | 6,681.56 | 53.74 | 115.66 | 69.73 | 2,355.53 | -7,161.72 | 5,895.85 | 5,732.12 | 163.73 | 36.009 | | |
| 7,500.00 | 6,836.29 | 6,701.29 | 6,701.29 | 55.65 | 116.00 | 81.19 | 2,355.53 | -7,161.72 | 5,817.29 | 5,651.83 | 165.45 | 35.160 | | |
| 7,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 57.58 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,736.06 | 5,569.18 | 166.88 | 34.373 | | |
| 7,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 59.56 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,654.94 | 5,486.66 | 168.28 | 33.605 | | |
| 7,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 61.60 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,574.43 | 5,404.69 | 169.74 | 32.841 | | |
| 7,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 63.69 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,494.56 | 5,323.28 | 171.27 | 32.081 | | |
| 8,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 65.82 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,415.35 | 5,242.48 | 172.87 | 31.326 | | |
| 8,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 67.99 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,336.85 | 5,162.31 | 174.54 | 30.577 | | |
| 8,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 70.21 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,259.08 | 5,082.80 | 176.27 | 29.835 | | |
| 8,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 72.45 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,182.07 | 5,003.98 | 178.08 | 29.100 | | |
| 8,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 74.73 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,105.85 | 4,925.89 | 179.96 | 28.373 | | |
| 8,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 77.04 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,030.47 | 4,848.56 | 181.91 | 27.654 | | |
| 8,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 79.38 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,955.96 | 4,772.04 | 183.92 | 26.946 | | |
| 8,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 81.74 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,882.36 | 4,696.34 | 186.02 | 26.247 | | |
| 8,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 84.12 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,809.72 | 4,621.53 | 188.18 | 25.559 | | |
| 8,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 86.52 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,738.07 | 4,547.65 | 190.42 | 24.882 | | |
| 9,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 88.94 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,667.46 | 4,474.73 | 192.73 | 24.217 | | |
| 9,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 91.38 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,597.95 | 4,402.83 | 195.12 | 23.565 | | |
| 9,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 93.83 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,529.57 | 4,332.00 | 197.57 | 22.926 | | |
| 9,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 96.30 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,462.39 | 4,262.29 | 200.10 | 22.300 | | |
| 9,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 98.79 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,396.46 | 4,193.75 | 202.71 | 21.689 | | |
| 9,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 101.28 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,331.83 | 4,126.45 | 205.38 | 21.092 | | |
| 9,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 103.79 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,268.57 | 4,060.45 | 208.12 | 20.510 | | |
| 9,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 106.30 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,206.73 | 3,995.80 | 210.93 | 19.943 | | |
| 9,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 108.83 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,146.38 | 3,932.57 | 213.81 | 19.393 | | |
| 9,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 111.37 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,087.59 | 3,870.84 | 216.75 | 18.859 | | |
| 10,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 113.91 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,030.42 | 3,810.68 | 219.75 | 18.341 | | |
| 10,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 116.47 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,974.95 | 3,752.15 | 222.80 | 17.841 | | |
| 10,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 119.03 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,921.24 | 3,695.34 | 225.91 | 17.358 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - SI VERT SHELTON R G 26-2 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 121.59 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,869.37 | 3,640.31 | 229.06 | 16.892 | | |
| 10,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 124.17 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,819.42 | 3,587.16 | 232.26 | 16.445 | | |
| 10,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 126.75 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,771.46 | 3,535.97 | 235.49 | 16.016 | | |
| 10,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 129.34 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,725.56 | 3,486.81 | 238.75 | 15.605 | | |
| 10,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 131.93 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,681.81 | 3,439.78 | 242.03 | 15.212 | | |
| 10,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 134.53 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,640.28 | 3,394.96 | 245.32 | 14.839 | | |
| 10,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 137.13 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,601.05 | 3,352.43 | 248.61 | 14.484 | | |
| 11,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 139.73 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,564.19 | 3,312.29 | 251.90 | 14.149 | | |
| 11,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 142.35 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,529.78 | 3,274.61 | 255.18 | 13.833 | | |
| 11,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 144.96 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,497.90 | 3,239.47 | 258.42 | 13.536 | | |
| 11,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 147.58 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,468.60 | 3,206.97 | 261.63 | 13.258 | | |
| 11,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 150.20 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,441.96 | 3,177.17 | 264.79 | 12.999 | | |
| 11,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 152.83 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,418.04 | 3,150.16 | 267.88 | 12.759 | | |
| 11,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 155.46 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,396.90 | 3,125.99 | 270.91 | 12.539 | | |
| 11,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 158.09 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,378.59 | 3,104.74 | 273.85 | 12.338 | | |
| 11,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 160.73 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,363.15 | 3,086.46 | 276.69 | 12.155 | | |
| 11,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 163.36 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,350.62 | 3,071.20 | 279.42 | 11.991 | | |
| 12,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 166.01 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,341.04 | 3,059.00 | 282.04 | 11.846 | | |
| 12,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 168.65 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,334.44 | 3,049.91 | 284.53 | 11.719 | | |
| 12,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 171.30 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,330.83 | 3,043.94 | 286.89 | 11.610 | | |
| 12,270.44 | 6,840.00 | 6,705.00 | 6,705.00 | 173.16 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,330.08 | 3,041.62 | 288.46 | 11.544 CC | | |
| 12,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 173.94 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,330.21 | 3,041.11 | 289.10 | 11.519 ES | | |
| 12,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 176.59 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,332.60 | 3,041.44 | 291.16 | 11.446 | | |
| 12,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 179.25 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,337.99 | 3,044.91 | 293.07 | 11.390 | | |
| 12,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 181.90 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,346.35 | 3,051.53 | 294.82 | 11.350 | | |
| 12,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 184.56 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,357.67 | 3,061.26 | 296.41 | 11.328 | | |
| 12,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 187.22 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,371.93 | 3,074.09 | 297.84 | 11.321 SF | | |
| 12,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 189.88 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,389.07 | 3,089.97 | 299.11 | 11.331 | | |
| 13,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 192.54 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,409.06 | 3,108.85 | 300.21 | 11.356 | | |
| 13,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 195.20 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,431.85 | 3,130.70 | 301.16 | 11.396 | | |
| 13,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 197.87 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,457.39 | 3,155.44 | 301.95 | 11.450 | | |
| 13,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 200.53 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,485.61 | 3,183.01 | 302.59 | 11.519 | | |
| 13,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 203.20 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,516.44 | 3,213.35 | 303.09 | 11.602 | | |
| 13,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 205.87 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,549.83 | 3,246.37 | 303.46 | 11.698 | | |
| 13,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 208.54 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,585.69 | 3,282.01 | 303.69 | 11.807 | | |
| 13,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 211.22 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,623.96 | 3,320.17 | 303.79 | 11.929 | | |
| 13,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 213.89 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,664.56 | 3,360.78 | 303.78 | 12.063 | | |
| 13,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 216.56 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,707.42 | 3,403.75 | 303.66 | 12.209 | | |
| 14,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 219.24 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,752.44 | 3,449.00 | 303.44 | 12.366 | | |
| 14,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 221.92 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,799.57 | 3,496.45 | 303.12 | 12.535 | | |
| 14,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 224.59 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,848.72 | 3,546.00 | 302.72 | 12.714 | | |
| 14,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 227.27 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,899.82 | 3,597.57 | 302.24 | 12.903 | | |
| 14,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 229.95 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 3,952.78 | 3,651.09 | 301.69 | 13.102 | | |
| 14,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 232.63 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,007.54 | 3,706.47 | 301.08 | 13.311 | | |
| 14,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 235.31 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,064.03 | 3,763.63 | 300.40 | 13.529 | | |
| 14,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 238.00 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,122.16 | 3,822.49 | 299.68 | 13.755 | | |
| 14,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 240.68 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,181.88 | 3,882.98 | 298.91 | 13.991 | | |
| 14,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 243.36 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,243.12 | 3,945.02 | 298.09 | 14.234 | | |
| 15,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 246.05 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,305.81 | 4,008.56 | 297.25 | 14.486 | | |
| 15,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 248.74 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,369.88 | 4,073.51 | 296.37 | 14.745 | | |
| 15,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 251.42 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,435.29 | 4,139.82 | 295.47 | 15.011 | | |
| 15,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 254.11 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,501.97 | 4,207.42 | 294.55 | 15.284 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - SI VERT SHELTON R G 26-2 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 256.80 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,569.86 | 4,276.25 | 293.61 | 15.564 | | |
| 15,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 259.49 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,638.92 | 4,346.26 | 292.66 | 15.851 | | |
| 15,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 262.17 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,709.08 | 4,417.39 | 291.70 | 16.144 | | |
| 15,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 264.86 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,780.31 | 4,489.59 | 290.72 | 16.443 | | |
| 15,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 267.55 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,852.55 | 4,562.81 | 289.75 | 16.748 | | |
| 15,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 270.25 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,925.77 | 4,637.00 | 288.77 | 17.058 | | |
| 16,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 272.94 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 4,999.91 | 4,712.12 | 287.79 | 17.374 | | |
| 16,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 275.63 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,074.94 | 4,788.13 | 286.81 | 17.695 | | |
| 16,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 278.32 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,150.82 | 4,864.98 | 285.83 | 18.020 | | |
| 16,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 281.02 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,227.51 | 4,942.65 | 284.86 | 18.351 | | |
| 16,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 283.71 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,304.97 | 5,021.08 | 283.90 | 18.686 | | |
| 16,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 286.40 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,383.18 | 5,100.25 | 282.94 | 19.026 | | |
| 16,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 289.10 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,462.10 | 5,180.12 | 281.99 | 19.370 | | |
| 16,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 291.79 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,541.70 | 5,260.66 | 281.05 | 19.718 | | |
| 16,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 294.49 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,621.96 | 5,341.84 | 280.11 | 20.070 | | |
| 16,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 297.19 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,702.83 | 5,423.64 | 279.19 | 20.426 | | |
| 17,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 299.88 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,784.31 | 5,506.03 | 278.28 | 20.786 | | |
| 17,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 302.58 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,866.36 | 5,588.97 | 277.39 | 21.149 | | |
| 17,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 305.28 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 5,948.95 | 5,672.46 | 276.50 | 21.515 | | |
| 17,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 307.97 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 6,032.08 | 5,756.45 | 275.62 | 21.885 | | |
| 17,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 310.67 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 6,115.71 | 5,840.94 | 274.76 | 22.258 | | |
| 17,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 313.37 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 6,199.82 | 5,925.91 | 273.91 | 22.634 | | |
| 17,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 316.07 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 6,284.40 | 6,011.32 | 273.08 | 23.013 | | |
| 17,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 318.77 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 6,369.43 | 6,097.17 | 272.26 | 23.395 | | |
| 17,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 321.47 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 6,454.88 | 6,183.44 | 271.45 | 23.780 | | |
| 17,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 324.17 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 6,540.75 | 6,270.10 | 270.65 | 24.167 | | |
| 18,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 326.87 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 6,627.02 | 6,357.15 | 269.87 | 24.557 | | |
| 18,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 329.57 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 6,713.66 | 6,444.57 | 269.10 | 24.949 | | |
| 18,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 332.27 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 6,800.68 | 6,532.34 | 268.34 | 25.344 | | |
| 18,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 334.97 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 6,888.04 | 6,620.45 | 267.59 | 25.741 | | |
| 18,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 337.67 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 6,975.74 | 6,708.88 | 266.86 | 26.140 | | |
| 18,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 340.38 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 7,063.78 | 6,797.63 | 266.15 | 26.541 | | |
| 18,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 343.08 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 7,152.12 | 6,886.68 | 265.44 | 26.944 | | |
| 18,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 345.78 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 7,240.77 | 6,976.02 | 264.75 | 27.350 | | |
| 18,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 348.48 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 7,329.71 | 7,065.64 | 264.07 | 27.757 | | |
| 18,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 351.19 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 7,418.93 | 7,155.54 | 263.40 | 28.166 | | |
| 19,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 353.89 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 7,508.43 | 7,245.69 | 262.74 | 28.577 | | |
| 19,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 356.59 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 7,598.18 | 7,336.09 | 262.10 | 28.990 | | |
| 19,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 359.30 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 7,688.19 | 7,426.73 | 261.47 | 29.404 | | |
| 19,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 362.00 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 7,778.45 | 7,517.60 | 260.84 | 29.820 | | |
| 19,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 364.71 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 7,868.94 | 7,608.70 | 260.24 | 30.238 | | |
| 19,500.00 | 6,840.00 | 6,705.00 | 6,705.00 | 367.41 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 7,959.65 | 7,700.01 | 259.64 | 30.657 | | |
| 19,600.00 | 6,840.00 | 6,705.00 | 6,705.00 | 370.11 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 8,050.59 | 7,791.54 | 259.05 | 31.077 | | |
| 19,700.00 | 6,840.00 | 6,705.00 | 6,705.00 | 372.82 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 8,141.74 | 7,883.26 | 258.47 | 31.499 | | |
| 19,800.00 | 6,840.00 | 6,705.00 | 6,705.00 | 375.53 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 8,233.09 | 7,975.18 | 257.91 | 31.923 | | |
| 19,900.00 | 6,840.00 | 6,705.00 | 6,705.00 | 378.23 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 8,324.64 | 8,067.29 | 257.35 | 32.347 | | |
| 20,000.00 | 6,840.00 | 6,705.00 | 6,705.00 | 380.94 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 8,416.39 | 8,159.58 | 256.81 | 32.773 | | |
| 20,100.00 | 6,840.00 | 6,705.00 | 6,705.00 | 383.64 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 8,508.32 | 8,252.05 | 256.27 | 33.200 | | |
| 20,200.00 | 6,840.00 | 6,705.00 | 6,705.00 | 386.35 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 8,600.43 | 8,344.69 | 255.75 | 33.629 | | |
| 20,300.00 | 6,840.00 | 6,705.00 | 6,705.00 | 389.05 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 8,692.72 | 8,437.49 | 255.23 | 34.058 | | |
| 20,400.00 | 6,840.00 | 6,705.00 | 6,705.00 | 391.76 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 8,785.17 | 8,530.45 | 254.73 | 34.489 | | |
| 20,442.82 | 6,840.00 | 6,705.00 | 6,705.00 | 392.92 | 116.06 | 90.00 | 2,355.53 | -7,161.72 | 8,824.81 | 8,570.30 | 254.51 | 34.673 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - SI VERT SHELTON RG 26-1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -66.65 | 2,420.70 | -5,607.78 | 6,109.01 | | | | | |
| 100.00 | 100.00 | 0.00 | 0.00 | 0.13 | 0.00 | -66.65 | 2,420.70 | -5,607.78 | 6,107.97 | 6,107.83 | 0.13 | N/A | | |
| 138.76 | 138.76 | 24.76 | 24.76 | 0.27 | 0.19 | -66.65 | 2,420.70 | -5,607.78 | 6,107.95 | 6,107.48 | 0.47 | N/A | | |
| 200.00 | 200.00 | 86.00 | 86.00 | 0.49 | 0.67 | -66.65 | 2,420.70 | -5,607.78 | 6,107.95 | 6,106.79 | 1.16 | 5,261.678 | | |
| 300.00 | 300.00 | 186.00 | 186.00 | 0.85 | 2.28 | -66.65 | 2,420.70 | -5,607.78 | 6,107.95 | 6,104.82 | 3.13 | 1,952.029 | | |
| 400.00 | 400.00 | 286.00 | 286.00 | 1.21 | 4.02 | -66.65 | 2,420.70 | -5,607.78 | 6,107.95 | 6,102.72 | 5.23 | 1,167.237 | | |
| 500.00 | 500.00 | 386.00 | 386.00 | 1.57 | 5.77 | -66.65 | 2,420.70 | -5,607.78 | 6,107.95 | 6,100.61 | 7.34 | 832.528 | | |
| 600.00 | 599.98 | 485.98 | 485.98 | 1.92 | 7.51 | 49.17 | 2,420.70 | -5,607.78 | 6,106.81 | 6,097.38 | 9.43 | 647.711 | | |
| 700.00 | 699.84 | 585.84 | 585.84 | 2.26 | 9.26 | 49.26 | 2,420.70 | -5,607.78 | 6,103.39 | 6,091.87 | 11.51 | 530.069 | | |
| 800.00 | 799.45 | 685.45 | 685.45 | 2.62 | 10.99 | 49.41 | 2,420.70 | -5,607.78 | 6,097.69 | 6,084.09 | 13.61 | 448.145 | | |
| 900.00 | 898.70 | 784.70 | 784.70 | 2.99 | 12.73 | 49.62 | 2,420.70 | -5,607.78 | 6,089.75 | 6,074.04 | 15.70 | 387.768 | | |
| 1,000.00 | 997.47 | 883.47 | 883.47 | 3.39 | 14.45 | 49.89 | 2,420.70 | -5,607.78 | 6,079.57 | 6,061.76 | 17.81 | 341.366 | | |
| 1,100.00 | 1,095.62 | 981.62 | 981.62 | 3.81 | 16.16 | 50.22 | 2,420.70 | -5,607.78 | 6,067.18 | 6,047.26 | 19.92 | 304.535 | | |
| 1,200.00 | 1,193.06 | 1,079.06 | 1,079.06 | 4.27 | 17.86 | 50.60 | 2,420.70 | -5,607.78 | 6,052.63 | 6,030.58 | 22.05 | 274.543 | | |
| 1,300.00 | 1,289.64 | 1,175.64 | 1,175.64 | 4.77 | 19.55 | 51.05 | 2,420.70 | -5,607.78 | 6,035.94 | 6,011.76 | 24.18 | 249.608 | | |
| 1,400.00 | 1,385.27 | 1,271.27 | 1,271.27 | 5.31 | 21.22 | 51.56 | 2,420.70 | -5,607.78 | 6,017.16 | 5,990.83 | 26.33 | 228.517 | | |
| 1,500.00 | 1,479.82 | 1,365.82 | 1,365.82 | 5.91 | 22.87 | 52.13 | 2,420.70 | -5,607.78 | 5,996.36 | 5,967.86 | 28.50 | 210.418 | | |
| 1,600.00 | 1,573.19 | 1,459.19 | 1,459.19 | 6.55 | 24.50 | 52.69 | 2,420.70 | -5,607.78 | 5,973.61 | 5,942.93 | 30.68 | 194.693 | | |
| 1,700.00 | 1,666.16 | 1,552.16 | 1,552.16 | 7.23 | 26.12 | 52.96 | 2,420.70 | -5,607.78 | 5,950.33 | 5,917.45 | 32.88 | 180.962 | | |
| 1,800.00 | 1,759.13 | 1,645.13 | 1,645.13 | 7.93 | 27.74 | 53.23 | 2,420.70 | -5,607.78 | 5,927.18 | 5,892.08 | 35.10 | 168.877 | | |
| 1,900.00 | 1,852.10 | 1,738.10 | 1,738.10 | 8.64 | 29.37 | 53.50 | 2,420.70 | -5,607.78 | 5,904.17 | 5,866.85 | 37.33 | 158.174 | | |
| 2,000.00 | 1,945.06 | 1,831.06 | 1,831.06 | 9.35 | 30.99 | 53.78 | 2,420.70 | -5,607.78 | 5,881.31 | 5,841.74 | 39.57 | 148.637 | | |
| 2,100.00 | 2,038.03 | 1,924.03 | 1,924.03 | 10.08 | 32.61 | 54.06 | 2,420.70 | -5,607.78 | 5,858.58 | 5,816.76 | 41.82 | 140.094 | | |
| 2,200.00 | 2,131.00 | 2,017.00 | 2,017.00 | 10.81 | 34.23 | 54.34 | 2,420.70 | -5,607.78 | 5,836.00 | 5,791.92 | 44.08 | 132.401 | | |
| 2,300.00 | 2,223.97 | 2,109.97 | 2,109.97 | 11.54 | 35.86 | 54.62 | 2,420.70 | -5,607.78 | 5,813.56 | 5,767.22 | 46.35 | 125.440 | | |
| 2,400.00 | 2,316.94 | 2,202.94 | 2,202.94 | 12.28 | 37.48 | 54.90 | 2,420.70 | -5,607.78 | 5,791.28 | 5,742.66 | 48.62 | 119.115 | | |
| 2,500.00 | 2,409.90 | 2,304.10 | 2,295.90 | 13.02 | 39.25 | 55.19 | 2,420.70 | -5,607.78 | 5,769.14 | 5,718.09 | 51.04 | 113.027 | | |
| 2,600.00 | 2,502.87 | 2,388.87 | 2,388.87 | 13.77 | 40.73 | 55.47 | 2,420.70 | -5,607.78 | 5,747.15 | 5,693.96 | 53.19 | 108.060 | | |
| 2,700.00 | 2,595.84 | 2,481.84 | 2,481.84 | 14.51 | 42.35 | 55.76 | 2,420.70 | -5,607.78 | 5,725.31 | 5,669.84 | 55.48 | 103.203 | | |
| 2,800.00 | 2,688.81 | 2,574.81 | 2,574.81 | 15.26 | 43.97 | 56.05 | 2,420.70 | -5,607.78 | 5,703.63 | 5,645.86 | 57.77 | 98.725 | | |
| 2,900.00 | 2,781.77 | 2,667.77 | 2,667.77 | 16.01 | 45.59 | 56.35 | 2,420.70 | -5,607.78 | 5,682.11 | 5,622.03 | 60.07 | 94.585 | | |
| 3,000.00 | 2,874.74 | 2,760.74 | 2,760.74 | 16.76 | 47.22 | 56.64 | 2,420.70 | -5,607.78 | 5,660.74 | 5,598.36 | 62.38 | 90.747 | | |
| 3,100.00 | 2,967.71 | 2,853.71 | 2,853.71 | 17.52 | 48.84 | 56.94 | 2,420.70 | -5,607.78 | 5,639.53 | 5,574.84 | 64.69 | 87.178 | | |
| 3,200.00 | 3,060.68 | 2,946.68 | 2,946.68 | 18.27 | 50.46 | 57.24 | 2,420.70 | -5,607.78 | 5,618.49 | 5,551.48 | 67.00 | 83.853 | | |
| 3,300.00 | 3,153.65 | 3,039.65 | 3,039.65 | 19.03 | 52.08 | 57.54 | 2,420.70 | -5,607.78 | 5,597.60 | 5,528.28 | 69.32 | 80.747 | | |
| 3,400.00 | 3,246.61 | 3,132.61 | 3,132.61 | 19.78 | 53.71 | 57.84 | 2,420.70 | -5,607.78 | 5,576.88 | 5,505.24 | 71.65 | 77.840 | | |
| 3,500.00 | 3,339.58 | 3,225.58 | 3,225.58 | 20.54 | 55.33 | 58.15 | 2,420.70 | -5,607.78 | 5,556.33 | 5,482.36 | 73.97 | 75.114 | | |
| 3,600.00 | 3,432.55 | 3,318.55 | 3,318.55 | 21.30 | 56.95 | 58.46 | 2,420.70 | -5,607.78 | 5,535.95 | 5,459.65 | 76.30 | 72.553 | | |
| 3,700.00 | 3,525.52 | 3,411.52 | 3,411.52 | 22.06 | 58.57 | 58.77 | 2,420.70 | -5,607.78 | 5,515.74 | 5,437.10 | 78.64 | 70.142 | | |
| 3,800.00 | 3,618.49 | 3,504.49 | 3,504.49 | 22.82 | 60.20 | 59.08 | 2,420.70 | -5,607.78 | 5,495.70 | 5,414.73 | 80.97 | 67.870 | | |
| 3,900.00 | 3,711.45 | 3,602.55 | 3,597.45 | 23.57 | 61.91 | 59.39 | 2,420.70 | -5,607.78 | 5,475.84 | 5,392.43 | 83.40 | 65.654 | | |
| 4,000.00 | 3,804.42 | 3,709.58 | 3,690.42 | 24.33 | 63.78 | 59.71 | 2,420.70 | -5,607.78 | 5,456.15 | 5,370.15 | 86.00 | 63.447 | | |
| 4,100.00 | 3,897.39 | 3,783.39 | 3,783.39 | 25.09 | 65.06 | 60.03 | 2,420.70 | -5,607.78 | 5,436.64 | 5,348.63 | 88.01 | 61.773 | | |
| 4,200.00 | 3,990.36 | 3,876.36 | 3,876.36 | 25.86 | 66.69 | 60.35 | 2,420.70 | -5,607.78 | 5,417.31 | 5,326.95 | 90.36 | 59.952 | | |
| 4,300.00 | 4,083.32 | 3,969.32 | 3,969.32 | 26.62 | 68.31 | 60.67 | 2,420.70 | -5,607.78 | 5,398.16 | 5,305.45 | 92.72 | 58.222 | | |
| 4,400.00 | 4,176.29 | 4,062.29 | 4,062.29 | 27.38 | 69.93 | 60.99 | 2,420.70 | -5,607.78 | 5,379.20 | 5,284.13 | 95.08 | 56.578 | | |
| 4,500.00 | 4,269.26 | 4,155.26 | 4,155.26 | 28.14 | 71.55 | 61.32 | 2,420.70 | -5,607.78 | 5,360.42 | 5,262.99 | 97.44 | 55.014 | | |
| 4,600.00 | 4,362.23 | 4,248.23 | 4,248.23 | 28.90 | 73.18 | 61.64 | 2,420.70 | -5,607.78 | 5,341.84 | 5,242.03 | 99.80 | 53.524 | | |
| 4,700.00 | 4,455.20 | 4,341.20 | 4,341.20 | 29.66 | 74.80 | 61.97 | 2,420.70 | -5,607.78 | 5,323.44 | 5,221.27 | 102.17 | 52.103 | | |
| 4,800.00 | 4,548.16 | 4,434.16 | 4,434.16 | 30.43 | 76.42 | 62.31 | 2,420.70 | -5,607.78 | 5,305.23 | 5,200.69 | 104.54 | 50.747 | | |
| 4,900.00 | 4,641.13 | 4,527.13 | 4,527.13 | 31.19 | 78.04 | 62.64 | 2,420.70 | -5,607.78 | 5,287.22 | 5,180.30 | 106.92 | 49.452 | | |
| 5,000.00 | 4,734.10 | 4,620.10 | 4,620.10 | 31.95 | 79.67 | 62.98 | 2,420.70 | -5,607.78 | 5,269.40 | 5,160.11 | 109.29 | 48.213 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - SI VERT SHELTON RG 26-1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,100.00 | 4,827.07 | 4,713.07 | 4,713.07 | 32.71 | 81.29 | 63.31 | 2,420.70 | -5,607.78 | 5,251.78 | 5,140.11 | 111.67 | 47.027 | | |
| 5,200.00 | 4,920.04 | 4,806.04 | 4,806.04 | 33.48 | 82.91 | 63.65 | 2,420.70 | -5,607.78 | 5,234.36 | 5,120.30 | 114.06 | 45.892 | | |
| 5,300.00 | 5,013.00 | 4,901.00 | 4,899.00 | 34.24 | 84.57 | 64.00 | 2,420.70 | -5,607.78 | 5,217.15 | 5,100.67 | 116.48 | 44.790 | | |
| 5,400.00 | 5,105.97 | 5,008.03 | 4,991.97 | 35.00 | 86.44 | 64.34 | 2,420.70 | -5,607.78 | 5,200.13 | 5,081.02 | 119.11 | 43.657 | | |
| 5,500.00 | 5,198.94 | 5,084.94 | 5,084.94 | 35.77 | 87.78 | 64.69 | 2,420.70 | -5,607.78 | 5,183.32 | 5,062.10 | 121.23 | 42.757 | | |
| 5,600.00 | 5,291.91 | 5,177.91 | 5,177.91 | 36.53 | 89.40 | 65.04 | 2,420.70 | -5,607.78 | 5,166.73 | 5,043.10 | 123.62 | 41.795 | | |
| 5,700.00 | 5,384.87 | 5,270.87 | 5,270.87 | 37.29 | 91.03 | 65.39 | 2,420.70 | -5,607.78 | 5,150.34 | 5,024.32 | 126.02 | 40.869 | | |
| 5,800.00 | 5,477.84 | 5,363.84 | 5,363.84 | 38.06 | 92.65 | 65.74 | 2,420.70 | -5,607.78 | 5,134.16 | 5,005.74 | 128.42 | 39.980 | | |
| 5,900.00 | 5,570.81 | 5,456.81 | 5,456.81 | 38.82 | 94.27 | 66.09 | 2,420.70 | -5,607.78 | 5,118.20 | 4,987.37 | 130.82 | 39.123 | | |
| 6,000.00 | 5,663.78 | 5,549.78 | 5,549.78 | 39.59 | 95.89 | 66.45 | 2,420.70 | -5,607.78 | 5,102.45 | 4,969.22 | 133.23 | 38.299 | | |
| 6,100.00 | 5,756.75 | 5,642.75 | 5,642.75 | 40.35 | 97.52 | 66.81 | 2,420.70 | -5,607.78 | 5,086.92 | 4,951.28 | 135.64 | 37.504 | | |
| 6,200.00 | 5,849.71 | 5,735.71 | 5,735.71 | 41.12 | 99.14 | 67.16 | 2,420.70 | -5,607.78 | 5,071.61 | 4,933.56 | 138.05 | 36.739 | | |
| 6,300.00 | 5,942.68 | 5,828.68 | 5,828.68 | 41.88 | 100.76 | 67.53 | 2,420.70 | -5,607.78 | 5,056.52 | 4,916.07 | 140.46 | 36.000 | | |
| 6,400.00 | 6,035.65 | 5,921.65 | 5,921.65 | 42.64 | 102.38 | 67.89 | 2,420.70 | -5,607.78 | 5,041.66 | 4,898.79 | 142.87 | 35.288 | | |
| 6,500.00 | 6,128.62 | 6,014.62 | 6,014.62 | 43.41 | 104.01 | 68.26 | 2,420.70 | -5,607.78 | 5,027.02 | 4,881.73 | 145.29 | 34.600 | | |
| 6,600.00 | 6,221.59 | 6,107.59 | 6,107.59 | 44.17 | 105.63 | 68.62 | 2,420.70 | -5,607.78 | 5,012.61 | 4,864.90 | 147.71 | 33.936 | | |
| 6,700.00 | 6,314.55 | 6,200.55 | 6,200.55 | 44.94 | 107.25 | 68.99 | 2,420.70 | -5,607.78 | 4,998.43 | 4,848.30 | 150.13 | 33.294 | | |
| 6,800.00 | 6,407.52 | 6,306.48 | 6,293.52 | 45.70 | 109.10 | 69.36 | 2,420.70 | -5,607.78 | 4,984.49 | 4,831.71 | 152.78 | 32.625 | | |
| 6,900.00 | 6,499.98 | 6,385.98 | 6,385.98 | 46.49 | 110.49 | 69.69 | 2,420.70 | -5,607.78 | 4,969.70 | 4,814.71 | 154.99 | 32.065 | | |
| 7,000.00 | 6,586.50 | 6,472.50 | 6,472.50 | 47.49 | 112.00 | 62.22 | 2,420.70 | -5,607.78 | 4,944.84 | 4,787.34 | 157.50 | 31.395 | | |
| 7,100.00 | 6,663.58 | 6,549.58 | 6,549.58 | 48.75 | 113.34 | 62.24 | 2,420.70 | -5,607.78 | 4,908.67 | 4,748.61 | 160.06 | 30.668 | | |
| 7,200.00 | 6,728.87 | 6,614.87 | 6,614.87 | 50.23 | 114.48 | 64.85 | 2,420.70 | -5,607.78 | 4,862.55 | 4,699.95 | 162.59 | 29.906 | | |
| 7,300.00 | 6,780.38 | 6,666.38 | 6,666.38 | 51.91 | 115.38 | 69.56 | 2,420.70 | -5,607.78 | 4,808.12 | 4,643.08 | 165.04 | 29.133 | | |
| 7,400.00 | 6,816.56 | 6,702.56 | 6,702.56 | 53.74 | 116.01 | 76.11 | 2,420.70 | -5,607.78 | 4,747.26 | 4,579.94 | 167.32 | 28.372 | | |
| 7,500.00 | 6,836.29 | 6,722.29 | 6,722.29 | 55.65 | 116.36 | 84.15 | 2,420.70 | -5,607.78 | 4,681.97 | 4,512.58 | 169.38 | 27.641 | | |
| 7,600.00 | 6,840.00 | 6,726.00 | 6,726.00 | 57.58 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,614.41 | 4,443.23 | 171.18 | 26.957 | | |
| 7,700.00 | 6,840.00 | 6,726.00 | 6,726.00 | 59.56 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,547.46 | 4,374.50 | 172.96 | 26.292 | | |
| 7,800.00 | 6,840.00 | 6,726.00 | 6,726.00 | 61.60 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,481.75 | 4,306.92 | 174.83 | 25.635 | | |
| 7,900.00 | 6,840.00 | 6,726.00 | 6,726.00 | 63.69 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,417.32 | 4,240.55 | 176.77 | 24.989 | | |
| 8,000.00 | 6,840.00 | 6,726.00 | 6,726.00 | 65.82 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,354.23 | 4,175.44 | 178.79 | 24.354 | | |
| 8,100.00 | 6,840.00 | 6,726.00 | 6,726.00 | 67.99 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,292.55 | 4,111.66 | 180.89 | 23.731 | | |
| 8,200.00 | 6,840.00 | 6,726.00 | 6,726.00 | 70.21 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,232.33 | 4,049.27 | 183.06 | 23.120 | | |
| 8,300.00 | 6,840.00 | 6,726.00 | 6,726.00 | 72.45 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,173.63 | 3,988.34 | 185.30 | 22.524 | | |
| 8,400.00 | 6,840.00 | 6,726.00 | 6,726.00 | 74.73 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,116.53 | 3,928.93 | 187.61 | 21.942 | | |
| 8,500.00 | 6,840.00 | 6,726.00 | 6,726.00 | 77.04 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,061.09 | 3,871.11 | 189.98 | 21.376 | | |
| 8,600.00 | 6,840.00 | 6,726.00 | 6,726.00 | 79.38 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,007.38 | 3,814.96 | 192.42 | 20.826 | | |
| 8,700.00 | 6,840.00 | 6,726.00 | 6,726.00 | 81.74 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,955.47 | 3,760.55 | 194.92 | 20.293 | | |
| 8,800.00 | 6,840.00 | 6,726.00 | 6,726.00 | 84.12 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,905.43 | 3,707.96 | 197.47 | 19.777 | | |
| 8,900.00 | 6,840.00 | 6,726.00 | 6,726.00 | 86.52 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,857.33 | 3,657.26 | 200.08 | 19.279 | | |
| 9,000.00 | 6,840.00 | 6,726.00 | 6,726.00 | 88.94 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,811.26 | 3,608.53 | 202.73 | 18.800 | | |
| 9,100.00 | 6,840.00 | 6,726.00 | 6,726.00 | 91.38 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,767.27 | 3,561.85 | 205.41 | 18.340 | | |
| 9,200.00 | 6,840.00 | 6,726.00 | 6,726.00 | 93.83 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,725.44 | 3,517.31 | 208.14 | 17.899 | | |
| 9,300.00 | 6,840.00 | 6,726.00 | 6,726.00 | 96.30 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,685.86 | 3,474.98 | 210.88 | 17.478 | | |
| 9,400.00 | 6,840.00 | 6,726.00 | 6,726.00 | 98.79 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,648.59 | 3,434.94 | 213.65 | 17.077 | | |
| 9,500.00 | 6,840.00 | 6,726.00 | 6,726.00 | 101.28 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,613.70 | 3,397.27 | 216.43 | 16.697 | | |
| 9,600.00 | 6,840.00 | 6,726.00 | 6,726.00 | 103.79 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,581.27 | 3,362.06 | 219.21 | 16.337 | | |
| 9,700.00 | 6,840.00 | 6,726.00 | 6,726.00 | 106.30 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,551.35 | 3,329.37 | 221.98 | 15.998 | | |
| 9,800.00 | 6,840.00 | 6,726.00 | 6,726.00 | 108.83 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,524.02 | 3,299.28 | 224.74 | 15.680 | | |
| 9,900.00 | 6,840.00 | 6,726.00 | 6,726.00 | 111.37 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,499.34 | 3,271.86 | 227.48 | 15.383 | | |
| 10,000.00 | 6,840.00 | 6,726.00 | 6,726.00 | 113.91 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,477.36 | 3,247.18 | 230.18 | 15.107 | | |
| 10,100.00 | 6,840.00 | 6,726.00 | 6,726.00 | 116.47 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,458.13 | 3,225.29 | 232.84 | 14.852 | | |
| 10,200.00 | 6,840.00 | 6,726.00 | 6,726.00 | 119.03 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,441.70 | 3,206.25 | 235.45 | 14.618 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - SI VERT SHELTON RG 26-1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,726.00 | 6,726.00 | 121.59 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,428.11 | 3,190.12 | 237.99 | 14.404 | | |
| 10,400.00 | 6,840.00 | 6,726.00 | 6,726.00 | 124.17 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,417.39 | 3,176.92 | 240.47 | 14.212 | | |
| 10,500.00 | 6,840.00 | 6,726.00 | 6,726.00 | 126.75 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,409.57 | 3,166.71 | 242.86 | 14.039 | | |
| 10,600.00 | 6,840.00 | 6,726.00 | 6,726.00 | 129.34 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,404.68 | 3,159.51 | 245.17 | 13.887 | | |
| 10,700.00 | 6,840.00 | 6,726.00 | 6,726.00 | 131.93 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,402.71 | 3,155.33 | 247.38 | 13.755 | | |
| 10,716.82 | 6,840.00 | 6,726.00 | 6,726.00 | 132.37 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,402.67 | 3,154.93 | 247.74 | 13.735 | CC | |
| 10,800.00 | 6,840.00 | 6,726.00 | 6,726.00 | 134.53 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,403.69 | 3,154.20 | 249.49 | 13.642 | ES | |
| 10,900.00 | 6,840.00 | 6,726.00 | 6,726.00 | 137.13 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,407.60 | 3,156.10 | 251.50 | 13.549 | | |
| 11,000.00 | 6,840.00 | 6,726.00 | 6,726.00 | 139.73 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,414.44 | 3,161.04 | 253.39 | 13.475 | | |
| 11,100.00 | 6,840.00 | 6,726.00 | 6,726.00 | 142.35 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,424.18 | 3,169.01 | 255.17 | 13.419 | | |
| 11,200.00 | 6,840.00 | 6,726.00 | 6,726.00 | 144.96 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,436.81 | 3,179.98 | 256.83 | 13.382 | | |
| 11,300.00 | 6,840.00 | 6,726.00 | 6,726.00 | 147.58 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,452.29 | 3,193.92 | 258.36 | 13.362 | | |
| 11,400.00 | 6,840.00 | 6,726.00 | 6,726.00 | 150.20 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,470.58 | 3,210.80 | 259.78 | 13.360 | SF | |
| 11,500.00 | 6,840.00 | 6,726.00 | 6,726.00 | 152.83 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,491.64 | 3,230.56 | 261.08 | 13.374 | | |
| 11,600.00 | 6,840.00 | 6,726.00 | 6,726.00 | 155.46 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,515.42 | 3,253.17 | 262.25 | 13.405 | | |
| 11,700.00 | 6,840.00 | 6,726.00 | 6,726.00 | 158.09 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,541.87 | 3,278.56 | 263.31 | 13.452 | | |
| 11,800.00 | 6,840.00 | 6,726.00 | 6,726.00 | 160.73 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,570.92 | 3,306.67 | 264.24 | 13.514 | | |
| 11,900.00 | 6,840.00 | 6,726.00 | 6,726.00 | 163.36 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,602.51 | 3,337.44 | 265.07 | 13.591 | | |
| 12,000.00 | 6,840.00 | 6,726.00 | 6,726.00 | 166.01 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,636.58 | 3,370.79 | 265.79 | 13.682 | | |
| 12,100.00 | 6,840.00 | 6,726.00 | 6,726.00 | 168.65 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,673.06 | 3,406.66 | 266.40 | 13.788 | | |
| 12,200.00 | 6,840.00 | 6,726.00 | 6,726.00 | 171.30 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,711.87 | 3,444.96 | 266.91 | 13.907 | | |
| 12,300.00 | 6,840.00 | 6,726.00 | 6,726.00 | 173.94 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,752.95 | 3,485.63 | 267.32 | 14.039 | | |
| 12,400.00 | 6,840.00 | 6,726.00 | 6,726.00 | 176.59 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,796.22 | 3,528.57 | 267.64 | 14.184 | | |
| 12,500.00 | 6,840.00 | 6,726.00 | 6,726.00 | 179.25 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,841.60 | 3,573.72 | 267.88 | 14.341 | | |
| 12,600.00 | 6,840.00 | 6,726.00 | 6,726.00 | 181.90 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,889.03 | 3,620.99 | 268.04 | 14.509 | | |
| 12,700.00 | 6,840.00 | 6,726.00 | 6,726.00 | 184.56 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,938.42 | 3,670.30 | 268.12 | 14.689 | | |
| 12,800.00 | 6,840.00 | 6,726.00 | 6,726.00 | 187.22 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 3,989.71 | 3,721.58 | 268.14 | 14.879 | | |
| 12,900.00 | 6,840.00 | 6,726.00 | 6,726.00 | 189.88 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,042.83 | 3,774.74 | 268.09 | 15.080 | | |
| 13,000.00 | 6,840.00 | 6,726.00 | 6,726.00 | 192.54 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,097.69 | 3,829.72 | 267.97 | 15.291 | | |
| 13,100.00 | 6,840.00 | 6,726.00 | 6,726.00 | 195.20 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,154.24 | 3,886.43 | 267.81 | 15.512 | | |
| 13,200.00 | 6,840.00 | 6,726.00 | 6,726.00 | 197.87 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,212.40 | 3,944.81 | 267.60 | 15.742 | | |
| 13,300.00 | 6,840.00 | 6,726.00 | 6,726.00 | 200.53 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,272.12 | 4,004.78 | 267.34 | 15.980 | | |
| 13,400.00 | 6,840.00 | 6,726.00 | 6,726.00 | 203.20 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,333.31 | 4,066.28 | 267.04 | 16.227 | | |
| 13,500.00 | 6,840.00 | 6,726.00 | 6,726.00 | 205.87 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,395.94 | 4,129.23 | 266.70 | 16.483 | | |
| 13,600.00 | 6,840.00 | 6,726.00 | 6,726.00 | 208.54 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,459.92 | 4,193.59 | 266.33 | 16.746 | | |
| 13,700.00 | 6,840.00 | 6,726.00 | 6,726.00 | 211.22 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,525.21 | 4,259.28 | 265.93 | 17.016 | | |
| 13,800.00 | 6,840.00 | 6,726.00 | 6,726.00 | 213.89 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,591.75 | 4,326.24 | 265.51 | 17.294 | | |
| 13,900.00 | 6,840.00 | 6,726.00 | 6,726.00 | 216.56 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,659.48 | 4,394.42 | 265.06 | 17.579 | | |
| 14,000.00 | 6,840.00 | 6,726.00 | 6,726.00 | 219.24 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,728.36 | 4,463.77 | 264.59 | 17.870 | | |
| 14,100.00 | 6,840.00 | 6,726.00 | 6,726.00 | 221.92 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,798.34 | 4,534.23 | 264.11 | 18.168 | | |
| 14,200.00 | 6,840.00 | 6,726.00 | 6,726.00 | 224.59 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,869.36 | 4,605.76 | 263.61 | 18.472 | | |
| 14,300.00 | 6,840.00 | 6,726.00 | 6,726.00 | 227.27 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 4,941.39 | 4,678.29 | 263.09 | 18.782 | | |
| 14,400.00 | 6,840.00 | 6,726.00 | 6,726.00 | 229.95 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 5,014.38 | 4,751.80 | 262.57 | 19.097 | | |
| 14,500.00 | 6,840.00 | 6,726.00 | 6,726.00 | 232.63 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 5,088.28 | 4,826.24 | 262.04 | 19.418 | | |
| 14,600.00 | 6,840.00 | 6,726.00 | 6,726.00 | 235.31 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 5,163.06 | 4,901.56 | 261.50 | 19.744 | | |
| 14,700.00 | 6,840.00 | 6,726.00 | 6,726.00 | 238.00 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 5,238.69 | 4,977.73 | 260.96 | 20.075 | | |
| 14,800.00 | 6,840.00 | 6,726.00 | 6,726.00 | 240.68 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 5,315.12 | 5,054.71 | 260.41 | 20.411 | | |
| 14,900.00 | 6,840.00 | 6,726.00 | 6,726.00 | 243.36 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 5,392.32 | 5,132.46 | 259.86 | 20.751 | | |
| 15,000.00 | 6,840.00 | 6,726.00 | 6,726.00 | 246.05 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 5,470.26 | 5,210.96 | 259.31 | 21.096 | | |
| 15,100.00 | 6,840.00 | 6,726.00 | 6,726.00 | 248.74 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 5,548.91 | 5,290.16 | 258.75 | 21.445 | | |
| 15,200.00 | 6,840.00 | 6,726.00 | 6,726.00 | 251.42 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 5,628.24 | 5,370.04 | 258.20 | 21.798 | | |
| 15,300.00 | 6,840.00 | 6,726.00 | 6,726.00 | 254.11 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 5,708.21 | 5,450.56 | 257.65 | 22.155 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 26-T4N-R65W - SI VERT SHELTON RG 26-1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,400.00 | 6,840.00 | 6,726.00 | 6,726.00 | 256.80 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 5,788.81 | 5,531.71 | 257.10 | 22.516 | | |
| 15,500.00 | 6,840.00 | 6,726.00 | 6,726.00 | 259.49 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 5,870.00 | 5,613.45 | 256.55 | 22.880 | | |
| 15,600.00 | 6,840.00 | 6,726.00 | 6,726.00 | 262.17 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 5,951.77 | 5,695.76 | 256.01 | 23.248 | | |
| 15,700.00 | 6,840.00 | 6,726.00 | 6,726.00 | 264.86 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 6,034.09 | 5,778.61 | 255.47 | 23.619 | | |
| 15,800.00 | 6,840.00 | 6,726.00 | 6,726.00 | 267.55 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 6,116.93 | 5,861.99 | 254.94 | 23.994 | | |
| 15,900.00 | 6,840.00 | 6,726.00 | 6,726.00 | 270.25 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 6,200.28 | 5,945.87 | 254.41 | 24.371 | | |
| 16,000.00 | 6,840.00 | 6,726.00 | 6,726.00 | 272.94 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 6,284.12 | 6,030.23 | 253.89 | 24.752 | | |
| 16,100.00 | 6,840.00 | 6,726.00 | 6,726.00 | 275.63 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 6,368.42 | 6,115.05 | 253.37 | 25.135 | | |
| 16,200.00 | 6,840.00 | 6,726.00 | 6,726.00 | 278.32 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 6,453.17 | 6,200.31 | 252.86 | 25.521 | | |
| 16,300.00 | 6,840.00 | 6,726.00 | 6,726.00 | 281.02 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 6,538.35 | 6,286.00 | 252.35 | 25.910 | | |
| 16,400.00 | 6,840.00 | 6,726.00 | 6,726.00 | 283.71 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 6,623.95 | 6,372.10 | 251.85 | 26.301 | | |
| 16,500.00 | 6,840.00 | 6,726.00 | 6,726.00 | 286.40 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 6,709.94 | 6,458.58 | 251.36 | 26.695 | | |
| 16,600.00 | 6,840.00 | 6,726.00 | 6,726.00 | 289.10 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 6,796.32 | 6,545.45 | 250.87 | 27.091 | | |
| 16,700.00 | 6,840.00 | 6,726.00 | 6,726.00 | 291.79 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 6,883.06 | 6,632.68 | 250.39 | 27.490 | | |
| 16,800.00 | 6,840.00 | 6,726.00 | 6,726.00 | 294.49 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 6,970.17 | 6,720.25 | 249.91 | 27.890 | | |
| 16,900.00 | 6,840.00 | 6,726.00 | 6,726.00 | 297.19 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 7,057.61 | 6,808.16 | 249.45 | 28.293 | | |
| 17,000.00 | 6,840.00 | 6,726.00 | 6,726.00 | 299.88 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 7,145.38 | 6,896.39 | 248.99 | 28.698 | | |
| 17,100.00 | 6,840.00 | 6,726.00 | 6,726.00 | 302.58 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 7,233.47 | 6,984.94 | 248.53 | 29.105 | | |
| 17,200.00 | 6,840.00 | 6,726.00 | 6,726.00 | 305.28 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 7,321.87 | 7,073.78 | 248.09 | 29.513 | | |
| 17,300.00 | 6,840.00 | 6,726.00 | 6,726.00 | 307.97 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 7,410.56 | 7,162.91 | 247.65 | 29.924 | | |
| 17,400.00 | 6,840.00 | 6,726.00 | 6,726.00 | 310.67 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 7,499.53 | 7,252.32 | 247.22 | 30.336 | | |
| 17,500.00 | 6,840.00 | 6,726.00 | 6,726.00 | 313.37 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 7,588.78 | 7,341.99 | 246.79 | 30.750 | | |
| 17,600.00 | 6,840.00 | 6,726.00 | 6,726.00 | 316.07 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 7,678.30 | 7,431.93 | 246.37 | 31.166 | | |
| 17,700.00 | 6,840.00 | 6,726.00 | 6,726.00 | 318.77 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 7,768.07 | 7,522.11 | 245.96 | 31.583 | | |
| 17,800.00 | 6,840.00 | 6,726.00 | 6,726.00 | 321.47 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 7,858.09 | 7,612.53 | 245.55 | 32.001 | | |
| 17,900.00 | 6,840.00 | 6,726.00 | 6,726.00 | 324.17 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 7,948.35 | 7,703.19 | 245.16 | 32.422 | | |
| 18,000.00 | 6,840.00 | 6,726.00 | 6,726.00 | 326.87 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 8,038.83 | 7,794.07 | 244.76 | 32.843 | | |
| 18,100.00 | 6,840.00 | 6,726.00 | 6,726.00 | 329.57 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 8,129.54 | 7,885.16 | 244.38 | 33.266 | | |
| 18,200.00 | 6,840.00 | 6,726.00 | 6,726.00 | 332.27 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 8,220.47 | 7,976.47 | 244.00 | 33.691 | | |
| 18,300.00 | 6,840.00 | 6,726.00 | 6,726.00 | 334.97 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 8,311.60 | 8,067.98 | 243.63 | 34.116 | | |
| 18,400.00 | 6,840.00 | 6,726.00 | 6,726.00 | 337.67 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 8,402.94 | 8,159.68 | 243.26 | 34.543 | | |
| 18,500.00 | 6,840.00 | 6,726.00 | 6,726.00 | 340.38 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 8,494.47 | 8,251.57 | 242.90 | 34.971 | | |
| 18,600.00 | 6,840.00 | 6,726.00 | 6,726.00 | 343.08 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 8,586.19 | 8,343.64 | 242.55 | 35.400 | | |
| 18,700.00 | 6,840.00 | 6,726.00 | 6,726.00 | 345.78 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 8,678.09 | 8,435.89 | 242.20 | 35.830 | | |
| 18,800.00 | 6,840.00 | 6,726.00 | 6,726.00 | 348.48 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 8,770.17 | 8,528.31 | 241.86 | 36.262 | | |
| 18,900.00 | 6,840.00 | 6,726.00 | 6,726.00 | 351.19 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 8,862.42 | 8,620.90 | 241.52 | 36.694 | | |
| 19,000.00 | 6,840.00 | 6,726.00 | 6,726.00 | 353.89 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 8,954.84 | 8,713.65 | 241.19 | 37.127 | | |
| 19,100.00 | 6,840.00 | 6,726.00 | 6,726.00 | 356.59 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 9,047.42 | 8,806.55 | 240.87 | 37.562 | | |
| 19,200.00 | 6,840.00 | 6,726.00 | 6,726.00 | 359.30 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 9,140.16 | 8,899.61 | 240.55 | 37.997 | | |
| 19,300.00 | 6,840.00 | 6,726.00 | 6,726.00 | 362.00 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 9,233.04 | 8,992.81 | 240.24 | 38.433 | | |
| 19,400.00 | 6,840.00 | 6,726.00 | 6,726.00 | 364.71 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 9,326.08 | 9,086.15 | 239.93 | 38.870 | | |
| 19,500.00 | 6,840.00 | 6,726.00 | 6,726.00 | 367.41 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 9,419.25 | 9,179.63 | 239.63 | 39.308 | | |
| 19,600.00 | 6,840.00 | 6,726.00 | 6,726.00 | 370.11 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 9,512.57 | 9,273.24 | 239.33 | 39.747 | | |
| 19,700.00 | 6,840.00 | 6,726.00 | 6,726.00 | 372.82 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 9,606.02 | 9,366.98 | 239.04 | 40.186 | | |
| 19,800.00 | 6,840.00 | 6,726.00 | 6,726.00 | 375.53 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 9,699.60 | 9,460.85 | 238.75 | 40.626 | | |
| 19,900.00 | 6,840.00 | 6,726.00 | 6,726.00 | 378.23 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 9,793.31 | 9,554.84 | 238.47 | 41.067 | | |
| 20,000.00 | 6,840.00 | 6,726.00 | 6,726.00 | 380.94 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 9,887.14 | 9,648.94 | 238.19 | 41.509 | | |
| 20,100.00 | 6,840.00 | 6,726.00 | 6,726.00 | 383.64 | 116.42 | 90.00 | 2,420.70 | -5,607.78 | 9,981.09 | 9,743.17 | 237.92 | 41.951 | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT ANDERSON 12-27 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 6,770.00 | 6,770.00 | 124.17 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 9,917.68 | 9,749.31 | 168.37 | 58.905 | | |
| 10,500.00 | 6,840.00 | 6,770.00 | 6,770.00 | 126.75 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 9,819.83 | 9,650.82 | 169.01 | 58.102 | | |
| 10,600.00 | 6,840.00 | 6,770.00 | 6,770.00 | 129.34 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 9,722.02 | 9,552.35 | 169.67 | 57.299 | | |
| 10,700.00 | 6,840.00 | 6,770.00 | 6,770.00 | 131.93 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 9,624.26 | 9,453.91 | 170.35 | 56.497 | | |
| 10,800.00 | 6,840.00 | 6,770.00 | 6,770.00 | 134.53 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 9,526.55 | 9,355.50 | 171.05 | 55.695 | | |
| 10,900.00 | 6,840.00 | 6,770.00 | 6,770.00 | 137.13 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 9,428.89 | 9,257.12 | 171.76 | 54.895 | | |
| 11,000.00 | 6,840.00 | 6,770.00 | 6,770.00 | 139.73 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 9,331.27 | 9,158.77 | 172.50 | 54.095 | | |
| 11,100.00 | 6,840.00 | 6,770.00 | 6,770.00 | 142.35 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 9,233.70 | 9,060.45 | 173.25 | 53.297 | | |
| 11,200.00 | 6,840.00 | 6,770.00 | 6,770.00 | 144.96 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 9,136.19 | 8,962.17 | 174.03 | 52.499 | | |
| 11,300.00 | 6,840.00 | 6,770.00 | 6,770.00 | 147.58 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 9,038.73 | 8,863.91 | 174.82 | 51.703 | | |
| 11,400.00 | 6,840.00 | 6,770.00 | 6,770.00 | 150.20 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 8,941.33 | 8,765.70 | 175.64 | 50.908 | | |
| 11,500.00 | 6,840.00 | 6,770.00 | 6,770.00 | 152.83 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 8,843.99 | 8,667.52 | 176.47 | 50.115 | | |
| 11,600.00 | 6,840.00 | 6,770.00 | 6,770.00 | 155.46 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 8,746.71 | 8,569.37 | 177.34 | 49.323 | | |
| 11,700.00 | 6,840.00 | 6,770.00 | 6,770.00 | 158.09 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 8,649.48 | 8,471.27 | 178.22 | 48.533 | | |
| 11,800.00 | 6,840.00 | 6,770.00 | 6,770.00 | 160.73 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 8,552.33 | 8,373.20 | 179.13 | 47.744 | | |
| 11,900.00 | 6,840.00 | 6,770.00 | 6,770.00 | 163.36 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 8,455.24 | 8,275.18 | 180.06 | 46.958 | | |
| 12,000.00 | 6,840.00 | 6,770.00 | 6,770.00 | 166.01 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 8,358.21 | 8,177.19 | 181.02 | 46.173 | | |
| 12,100.00 | 6,840.00 | 6,770.00 | 6,770.00 | 168.65 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 8,261.26 | 8,079.26 | 182.00 | 45.391 | | |
| 12,200.00 | 6,840.00 | 6,770.00 | 6,770.00 | 171.30 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 8,164.38 | 7,981.37 | 183.01 | 44.611 | | |
| 12,300.00 | 6,840.00 | 6,770.00 | 6,770.00 | 173.94 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 8,067.58 | 7,883.53 | 184.05 | 43.833 | | |
| 12,400.00 | 6,840.00 | 6,770.00 | 6,770.00 | 176.59 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 7,970.86 | 7,785.74 | 185.12 | 43.057 | | |
| 12,500.00 | 6,840.00 | 6,770.00 | 6,770.00 | 179.25 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 7,874.22 | 7,688.00 | 186.22 | 42.284 | | |
| 12,600.00 | 6,840.00 | 6,770.00 | 6,770.00 | 181.90 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 7,777.66 | 7,590.31 | 187.35 | 41.514 | | |
| 12,700.00 | 6,840.00 | 6,770.00 | 6,770.00 | 184.56 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 7,681.19 | 7,492.68 | 188.51 | 40.746 | | |
| 12,800.00 | 6,840.00 | 6,770.00 | 6,770.00 | 187.22 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 7,584.82 | 7,395.11 | 189.71 | 39.982 | | |
| 12,900.00 | 6,840.00 | 6,770.00 | 6,770.00 | 189.88 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 7,488.53 | 7,297.60 | 190.94 | 39.220 | | |
| 13,000.00 | 6,840.00 | 6,770.00 | 6,770.00 | 192.54 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 7,392.35 | 7,200.15 | 192.20 | 38.462 | | |
| 13,100.00 | 6,840.00 | 6,770.00 | 6,770.00 | 195.20 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 7,296.27 | 7,102.77 | 193.50 | 37.707 | | |
| 13,200.00 | 6,840.00 | 6,770.00 | 6,770.00 | 197.87 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 7,200.30 | 7,005.46 | 194.84 | 36.955 | | |
| 13,300.00 | 6,840.00 | 6,770.00 | 6,770.00 | 200.53 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 7,104.44 | 6,908.22 | 196.22 | 36.207 | | |
| 13,400.00 | 6,840.00 | 6,770.00 | 6,770.00 | 203.20 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 7,008.69 | 6,811.05 | 197.64 | 35.463 | | |
| 13,500.00 | 6,840.00 | 6,770.00 | 6,770.00 | 205.87 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 6,913.06 | 6,713.96 | 199.10 | 34.722 | | |
| 13,600.00 | 6,840.00 | 6,770.00 | 6,770.00 | 208.54 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 6,817.56 | 6,616.96 | 200.60 | 33.985 | | |
| 13,700.00 | 6,840.00 | 6,770.00 | 6,770.00 | 211.22 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 6,722.19 | 6,520.04 | 202.15 | 33.253 | | |
| 13,800.00 | 6,840.00 | 6,770.00 | 6,770.00 | 213.89 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 6,626.96 | 6,423.21 | 203.75 | 32.525 | | |
| 13,900.00 | 6,840.00 | 6,770.00 | 6,770.00 | 216.56 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 6,531.87 | 6,326.47 | 205.40 | 31.801 | | |
| 14,000.00 | 6,840.00 | 6,770.00 | 6,770.00 | 219.24 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 6,436.92 | 6,229.83 | 207.10 | 31.082 | | |
| 14,100.00 | 6,840.00 | 6,770.00 | 6,770.00 | 221.92 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 6,342.14 | 6,133.29 | 208.85 | 30.367 | | |
| 14,200.00 | 6,840.00 | 6,770.00 | 6,770.00 | 224.59 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 6,247.51 | 6,036.86 | 210.65 | 29.658 | | |
| 14,300.00 | 6,840.00 | 6,770.00 | 6,770.00 | 227.27 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 6,153.06 | 5,940.54 | 212.52 | 28.953 | | |
| 14,400.00 | 6,840.00 | 6,770.00 | 6,770.00 | 229.95 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 6,058.78 | 5,844.34 | 214.44 | 28.254 | | |
| 14,500.00 | 6,840.00 | 6,770.00 | 6,770.00 | 232.63 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 5,964.69 | 5,748.26 | 216.43 | 27.560 | | |
| 14,600.00 | 6,840.00 | 6,770.00 | 6,770.00 | 235.31 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 5,870.80 | 5,652.32 | 218.48 | 26.871 | | |
| 14,700.00 | 6,840.00 | 6,770.00 | 6,770.00 | 238.00 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 5,777.11 | 5,556.51 | 220.60 | 26.188 | | |
| 14,800.00 | 6,840.00 | 6,770.00 | 6,770.00 | 240.68 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 5,683.63 | 5,460.85 | 222.79 | 25.511 | | |
| 14,900.00 | 6,840.00 | 6,770.00 | 6,770.00 | 243.36 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 5,590.39 | 5,365.33 | 225.05 | 24.840 | | |
| 15,000.00 | 6,840.00 | 6,770.00 | 6,770.00 | 246.05 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 5,497.37 | 5,269.98 | 227.39 | 24.176 | | |
| 15,100.00 | 6,840.00 | 6,770.00 | 6,770.00 | 248.74 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 5,404.61 | 5,174.80 | 229.81 | 23.518 | | |
| 15,200.00 | 6,840.00 | 6,770.00 | 6,770.00 | 251.42 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 5,312.11 | 5,079.80 | 232.32 | 22.866 | | |
| 15,300.00 | 6,840.00 | 6,770.00 | 6,770.00 | 254.11 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 5,219.89 | 4,984.98 | 234.91 | 22.221 | | |
| 15,400.00 | 6,840.00 | 6,770.00 | 6,770.00 | 256.80 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 5,127.96 | 4,890.37 | 237.59 | 21.583 | | |
| 15,500.00 | 6,840.00 | 6,770.00 | 6,770.00 | 259.49 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 5,036.34 | 4,795.97 | 240.37 | 20.953 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT ANDERSON 12-27 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,600.00 | 6,840.00 | 6,770.00 | 6,770.00 | 262.17 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 4,945.04 | 4,701.79 | 243.24 | 20.329 | | |
| 15,700.00 | 6,840.00 | 6,770.00 | 6,770.00 | 264.86 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 4,854.08 | 4,607.86 | 246.23 | 19.714 | | |
| 15,800.00 | 6,840.00 | 6,770.00 | 6,770.00 | 267.55 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 4,763.49 | 4,514.17 | 249.32 | 19.106 | | |
| 15,900.00 | 6,840.00 | 6,770.00 | 6,770.00 | 270.25 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 4,673.28 | 4,420.76 | 252.52 | 18.507 | | |
| 16,000.00 | 6,840.00 | 6,770.00 | 6,770.00 | 272.94 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 4,583.48 | 4,327.63 | 255.84 | 17.915 | | |
| 16,100.00 | 6,840.00 | 6,770.00 | 6,770.00 | 275.63 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 4,494.11 | 4,234.81 | 259.29 | 17.332 | | |
| 16,200.00 | 6,840.00 | 6,770.00 | 6,770.00 | 278.32 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 4,405.19 | 4,142.32 | 262.87 | 16.758 | | |
| 16,300.00 | 6,840.00 | 6,770.00 | 6,770.00 | 281.02 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 4,316.76 | 4,050.17 | 266.58 | 16.193 | | |
| 16,400.00 | 6,840.00 | 6,770.00 | 6,770.00 | 283.71 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 4,228.84 | 3,958.40 | 270.44 | 15.637 | | |
| 16,500.00 | 6,840.00 | 6,770.00 | 6,770.00 | 286.40 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 4,141.48 | 3,867.03 | 274.45 | 15.090 | | |
| 16,600.00 | 6,840.00 | 6,770.00 | 6,770.00 | 289.10 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 4,054.69 | 3,776.09 | 278.60 | 14.554 | | |
| 16,700.00 | 6,840.00 | 6,770.00 | 6,770.00 | 291.79 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 3,968.53 | 3,685.61 | 282.93 | 14.027 | | |
| 16,800.00 | 6,840.00 | 6,770.00 | 6,770.00 | 294.49 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 3,883.04 | 3,595.62 | 287.42 | 13.510 | | |
| 16,900.00 | 6,840.00 | 6,770.00 | 6,770.00 | 297.19 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 3,798.25 | 3,506.17 | 292.08 | 13.004 | | |
| 17,000.00 | 6,840.00 | 6,770.00 | 6,770.00 | 299.88 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 3,714.22 | 3,417.29 | 296.93 | 12.509 | | |
| 17,100.00 | 6,840.00 | 6,770.00 | 6,770.00 | 302.58 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 3,630.99 | 3,329.03 | 301.97 | 12.025 | | |
| 17,200.00 | 6,840.00 | 6,770.00 | 6,770.00 | 305.28 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 3,548.64 | 3,241.44 | 307.20 | 11.552 | | |
| 17,300.00 | 6,840.00 | 6,770.00 | 6,770.00 | 307.97 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 3,467.21 | 3,154.58 | 312.63 | 11.090 | | |
| 17,400.00 | 6,840.00 | 6,770.00 | 6,770.00 | 310.67 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 3,386.78 | 3,068.50 | 318.28 | 10.641 | | |
| 17,500.00 | 6,840.00 | 6,770.00 | 6,770.00 | 313.37 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 3,307.41 | 2,983.27 | 324.14 | 10.204 | | |
| 17,600.00 | 6,840.00 | 6,770.00 | 6,770.00 | 316.07 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 3,229.19 | 2,898.98 | 330.22 | 9.779 | | |
| 17,700.00 | 6,840.00 | 6,770.00 | 6,770.00 | 318.77 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 3,152.21 | 2,815.69 | 336.52 | 9.367 | | |
| 17,800.00 | 6,840.00 | 6,770.00 | 6,770.00 | 321.47 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 3,076.54 | 2,733.50 | 343.04 | 8.968 | | |
| 17,900.00 | 6,840.00 | 6,770.00 | 6,770.00 | 324.17 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 3,002.30 | 2,652.51 | 349.79 | 8.583 | | |
| 18,000.00 | 6,840.00 | 6,770.00 | 6,770.00 | 326.87 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,929.60 | 2,572.83 | 356.77 | 8.211 | | |
| 18,100.00 | 6,840.00 | 6,770.00 | 6,770.00 | 329.57 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,858.54 | 2,494.58 | 363.96 | 7.854 | | |
| 18,200.00 | 6,840.00 | 6,770.00 | 6,770.00 | 332.27 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,789.26 | 2,417.89 | 371.37 | 7.511 | | |
| 18,300.00 | 6,840.00 | 6,770.00 | 6,770.00 | 334.97 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,721.89 | 2,342.91 | 378.98 | 7.182 | | |
| 18,400.00 | 6,840.00 | 6,770.00 | 6,770.00 | 337.67 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,656.58 | 2,269.80 | 386.78 | 6.869 | | |
| 18,500.00 | 6,840.00 | 6,770.00 | 6,770.00 | 340.38 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,593.47 | 2,198.74 | 394.73 | 6.570 | | |
| 18,600.00 | 6,840.00 | 6,770.00 | 6,770.00 | 343.08 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,532.75 | 2,129.92 | 402.83 | 6.287 | | |
| 18,700.00 | 6,840.00 | 6,770.00 | 6,770.00 | 345.78 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,474.58 | 2,063.55 | 411.02 | 6.021 | | |
| 18,800.00 | 6,840.00 | 6,770.00 | 6,770.00 | 348.48 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,419.14 | 1,999.86 | 419.28 | 5.770 | | |
| 18,900.00 | 6,840.00 | 6,770.00 | 6,770.00 | 351.19 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,366.64 | 1,939.08 | 427.55 | 5.535 | | |
| 19,000.00 | 6,840.00 | 6,770.00 | 6,770.00 | 353.89 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,317.26 | 1,881.48 | 435.78 | 5.318 | | |
| 19,100.00 | 6,840.00 | 6,770.00 | 6,770.00 | 356.59 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,271.21 | 1,827.32 | 443.88 | 5.117 | | |
| 19,200.00 | 6,840.00 | 6,770.00 | 6,770.00 | 359.30 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,228.70 | 1,776.89 | 451.81 | 4.933 | | |
| 19,300.00 | 6,840.00 | 6,770.00 | 6,770.00 | 362.00 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,189.94 | 1,730.47 | 459.46 | 4.766 | | |
| 19,400.00 | 6,840.00 | 6,770.00 | 6,770.00 | 364.71 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,155.12 | 1,688.36 | 466.76 | 4.617 | | |
| 19,500.00 | 6,840.00 | 6,770.00 | 6,770.00 | 367.41 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,124.44 | 1,650.83 | 473.61 | 4.486 | | |
| 19,600.00 | 6,840.00 | 6,770.00 | 6,770.00 | 370.11 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,098.08 | 1,618.16 | 479.92 | 4.372 | | |
| 19,700.00 | 6,840.00 | 6,770.00 | 6,770.00 | 372.82 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,076.22 | 1,590.61 | 485.60 | 4.276 | | |
| 19,800.00 | 6,840.00 | 6,770.00 | 6,770.00 | 375.53 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,058.98 | 1,568.40 | 490.58 | 4.197 | | |
| 19,900.00 | 6,840.00 | 6,770.00 | 6,770.00 | 378.23 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,046.48 | 1,551.72 | 494.77 | 4.136 | | |
| 20,000.00 | 6,840.00 | 6,770.00 | 6,770.00 | 380.94 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,038.83 | 1,540.71 | 498.11 | 4.093 | | |
| 20,100.00 | 6,840.00 | 6,770.00 | 6,770.00 | 383.64 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,036.06 | 1,535.49 | 500.57 | 4.067 | | |
| 20,106.43 | 6,840.00 | 6,770.00 | 6,770.00 | 383.82 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,036.05 | 1,535.35 | 500.70 | 4.066 | CC, ES | |
| 20,200.00 | 6,840.00 | 6,770.00 | 6,770.00 | 386.35 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,038.20 | 1,536.08 | 502.11 | 4.059 | SF | |
| 20,300.00 | 6,840.00 | 6,770.00 | 6,770.00 | 389.05 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,045.23 | 1,542.49 | 502.74 | 4.068 | | |
| 20,400.00 | 6,840.00 | 6,770.00 | 6,770.00 | 391.76 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,057.10 | 1,554.64 | 502.46 | 4.094 | | |
| 20,442.82 | 6,840.00 | 6,770.00 | 6,770.00 | 392.92 | 117.20 | 90.00 | 1,098.91 | -15,003.81 | 2,063.65 | 1,561.57 | 502.07 | 4.110 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT ANDERSON 17-27 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 7,200.00 | 6,728.87 | 6,877.67 | 6,875.26 | 50.23 | 1.77 | 38.85 | 1,998.00 | -11,621.82 | 9,949.95 | 9,908.38 | 41.57 | 239.362 | | |
| 7,300.00 | 6,780.38 | 6,943.39 | 6,940.96 | 51.91 | 1.77 | 44.71 | 1,997.71 | -11,620.04 | 9,869.98 | 9,827.60 | 42.38 | 232.872 | | |
| 7,400.00 | 6,816.56 | 7,006.98 | 7,004.52 | 53.74 | 1.78 | 56.31 | 1,997.32 | -11,618.17 | 9,782.22 | 9,739.06 | 43.15 | 226.678 | | |
| 7,500.00 | 6,836.29 | 7,020.26 | 7,017.80 | 55.65 | 1.78 | 76.82 | 1,997.23 | -11,617.77 | 9,689.45 | 9,645.56 | 43.88 | 220.807 | | |
| 7,600.00 | 6,840.00 | 7,020.93 | 7,018.46 | 57.58 | 1.78 | 95.78 | 1,997.22 | -11,617.75 | 9,594.51 | 9,549.99 | 44.53 | 215.483 | | |
| 7,700.00 | 6,840.00 | 7,017.88 | 7,015.42 | 59.56 | 1.78 | 95.72 | 1,997.24 | -11,617.84 | 9,499.46 | 9,454.29 | 45.17 | 210.319 | | |
| 7,800.00 | 6,840.00 | 7,014.83 | 7,012.37 | 61.60 | 1.78 | 95.66 | 1,997.26 | -11,617.93 | 9,404.51 | 9,358.67 | 45.83 | 205.191 | | |
| 7,900.00 | 6,840.00 | 7,011.79 | 7,009.33 | 63.69 | 1.78 | 95.60 | 1,997.29 | -11,618.02 | 9,309.66 | 9,263.13 | 46.52 | 200.102 | | |
| 8,000.00 | 6,840.00 | 7,016.17 | 7,013.70 | 65.82 | 1.78 | 95.68 | 1,997.25 | -11,617.89 | 9,214.92 | 9,167.68 | 47.24 | 195.083 | | |
| 8,100.00 | 6,840.00 | 7,010.57 | 7,008.11 | 67.99 | 1.78 | 95.58 | 1,997.29 | -11,618.06 | 9,120.29 | 9,072.31 | 47.98 | 190.077 | | |
| 8,200.00 | 6,840.00 | 7,005.05 | 7,002.59 | 70.21 | 1.78 | 95.47 | 1,997.33 | -11,618.23 | 9,025.78 | 8,977.02 | 48.76 | 185.124 | | |
| 8,300.00 | 6,840.00 | 6,999.60 | 6,997.15 | 72.45 | 1.77 | 95.37 | 1,997.37 | -11,618.39 | 8,931.38 | 8,881.83 | 49.56 | 180.227 | | |
| 8,400.00 | 6,840.00 | 6,994.24 | 6,991.79 | 74.73 | 1.77 | 95.26 | 1,997.41 | -11,618.56 | 8,837.11 | 8,786.73 | 50.39 | 175.391 | | |
| 8,500.00 | 6,840.00 | 6,988.95 | 6,986.50 | 77.04 | 1.77 | 95.16 | 1,997.44 | -11,618.72 | 8,742.96 | 8,691.72 | 51.24 | 170.617 | | |
| 8,600.00 | 6,840.00 | 6,983.74 | 6,981.29 | 79.38 | 1.77 | 95.06 | 1,997.48 | -11,618.87 | 8,648.95 | 8,596.82 | 52.13 | 165.910 | | |
| 8,700.00 | 6,840.00 | 6,978.60 | 6,976.15 | 81.74 | 1.77 | 94.96 | 1,997.51 | -11,619.03 | 8,555.06 | 8,502.01 | 53.05 | 161.272 | | |
| 8,800.00 | 6,840.00 | 6,973.53 | 6,971.09 | 84.12 | 1.77 | 94.86 | 1,997.54 | -11,619.17 | 8,461.32 | 8,407.32 | 54.00 | 156.704 | | |
| 8,900.00 | 6,840.00 | 6,968.53 | 6,966.09 | 86.52 | 1.77 | 94.77 | 1,997.57 | -11,619.32 | 8,367.71 | 8,312.74 | 54.97 | 152.210 | | |
| 9,000.00 | 6,840.00 | 6,963.60 | 6,961.16 | 88.94 | 1.77 | 94.67 | 1,997.60 | -11,619.46 | 8,274.26 | 8,218.27 | 55.99 | 147.791 | | |
| 9,100.00 | 6,840.00 | 6,958.73 | 6,956.29 | 91.38 | 1.77 | 94.58 | 1,997.63 | -11,619.61 | 8,180.96 | 8,123.93 | 57.03 | 143.449 | | |
| 9,200.00 | 6,840.00 | 6,953.93 | 6,951.50 | 93.83 | 1.77 | 94.49 | 1,997.66 | -11,619.74 | 8,087.81 | 8,029.71 | 58.11 | 139.185 | | |
| 9,300.00 | 6,840.00 | 6,949.19 | 6,946.76 | 96.30 | 1.77 | 94.39 | 1,997.68 | -11,619.88 | 7,994.84 | 7,935.62 | 59.22 | 135.001 | | |
| 9,400.00 | 6,840.00 | 6,944.52 | 6,942.09 | 98.79 | 1.77 | 94.30 | 1,997.71 | -11,620.01 | 7,902.03 | 7,841.66 | 60.37 | 130.898 | | |
| 9,500.00 | 6,840.00 | 6,939.91 | 6,937.48 | 101.28 | 1.77 | 94.21 | 1,997.73 | -11,620.14 | 7,809.39 | 7,747.84 | 61.55 | 126.876 | | |
| 9,600.00 | 6,840.00 | 6,935.36 | 6,932.93 | 103.79 | 1.77 | 94.13 | 1,997.75 | -11,620.27 | 7,716.94 | 7,654.17 | 62.77 | 122.936 | | |
| 9,700.00 | 6,840.00 | 6,930.87 | 6,928.44 | 106.30 | 1.77 | 94.04 | 1,997.78 | -11,620.39 | 7,624.68 | 7,560.65 | 64.03 | 119.079 | | |
| 9,800.00 | 6,840.00 | 6,926.43 | 6,924.01 | 108.83 | 1.77 | 93.95 | 1,997.80 | -11,620.51 | 7,532.61 | 7,467.28 | 65.33 | 115.305 | | |
| 9,900.00 | 6,840.00 | 6,922.06 | 6,919.64 | 111.37 | 1.77 | 93.87 | 1,997.82 | -11,620.63 | 7,440.75 | 7,374.08 | 66.66 | 111.614 | | |
| 10,000.00 | 6,840.00 | 6,917.74 | 6,915.32 | 113.91 | 1.77 | 93.79 | 1,997.84 | -11,620.75 | 7,349.10 | 7,281.05 | 68.04 | 108.007 | | |
| 10,100.00 | 6,840.00 | 6,913.47 | 6,911.05 | 116.47 | 1.77 | 93.70 | 1,997.85 | -11,620.87 | 7,257.66 | 7,188.20 | 69.46 | 104.482 | | |
| 10,200.00 | 6,840.00 | 6,909.26 | 6,906.84 | 119.03 | 1.77 | 93.62 | 1,997.87 | -11,620.98 | 7,166.45 | 7,095.53 | 70.93 | 101.040 | | |
| 10,300.00 | 6,840.00 | 6,905.10 | 6,902.68 | 121.59 | 1.77 | 93.54 | 1,997.89 | -11,621.09 | 7,075.48 | 7,003.05 | 72.43 | 97.681 | | |
| 10,400.00 | 6,840.00 | 6,900.99 | 6,898.58 | 124.17 | 1.77 | 93.46 | 1,997.91 | -11,621.20 | 6,984.76 | 6,910.77 | 73.99 | 94.404 | | |
| 10,500.00 | 6,840.00 | 6,896.27 | 6,893.86 | 126.75 | 1.77 | 93.41 | 1,997.92 | -11,621.27 | 6,894.29 | 6,818.70 | 75.59 | 91.210 | | |
| 10,600.00 | 6,840.00 | 6,891.98 | 6,889.57 | 129.34 | 1.77 | 93.37 | 1,997.92 | -11,621.33 | 6,804.08 | 6,726.85 | 77.23 | 88.097 | | |
| 10,700.00 | 6,840.00 | 6,887.69 | 6,885.28 | 131.93 | 1.77 | 93.32 | 1,997.93 | -11,621.39 | 6,714.16 | 6,635.23 | 78.93 | 85.063 | | |
| 10,800.00 | 6,840.00 | 6,883.40 | 6,880.99 | 134.53 | 1.77 | 93.28 | 1,997.94 | -11,621.45 | 6,624.52 | 6,543.84 | 80.68 | 82.109 | | |
| 10,900.00 | 6,840.00 | 6,879.10 | 6,876.69 | 137.13 | 1.77 | 93.23 | 1,997.95 | -11,621.52 | 6,535.18 | 6,452.70 | 82.48 | 79.234 | | |
| 11,000.00 | 6,840.00 | 6,874.79 | 6,872.38 | 139.73 | 1.77 | 93.19 | 1,997.96 | -11,621.58 | 6,446.15 | 6,361.81 | 84.33 | 76.435 | | |
| 11,100.00 | 6,840.00 | 6,870.49 | 6,868.08 | 142.35 | 1.77 | 93.14 | 1,997.97 | -11,621.64 | 6,357.45 | 6,271.20 | 86.25 | 73.714 | | |
| 11,200.00 | 6,840.00 | 6,866.18 | 6,863.77 | 144.96 | 1.77 | 93.10 | 1,997.98 | -11,621.70 | 6,269.08 | 6,180.87 | 88.21 | 71.067 | | |
| 11,300.00 | 6,840.00 | 6,861.86 | 6,859.45 | 147.58 | 1.77 | 93.05 | 1,997.99 | -11,621.76 | 6,181.07 | 6,090.83 | 90.24 | 68.496 | | |
| 11,400.00 | 6,840.00 | 6,857.55 | 6,855.14 | 150.20 | 1.77 | 93.01 | 1,998.00 | -11,621.82 | 6,093.43 | 6,001.10 | 92.33 | 65.998 | | |
| 11,500.00 | 6,840.00 | 6,853.23 | 6,850.82 | 152.83 | 1.77 | 92.96 | 1,998.01 | -11,621.88 | 6,006.18 | 5,911.70 | 94.48 | 63.572 | | |
| 11,600.00 | 6,840.00 | 6,848.90 | 6,846.49 | 155.46 | 1.77 | 92.92 | 1,998.02 | -11,621.95 | 5,919.32 | 5,822.63 | 96.69 | 61.217 | | |
| 11,700.00 | 6,840.00 | 6,844.57 | 6,842.16 | 158.09 | 1.77 | 92.87 | 1,998.03 | -11,622.01 | 5,832.89 | 5,733.91 | 98.98 | 58.932 | | |
| 11,800.00 | 6,840.00 | 6,840.24 | 6,837.83 | 160.73 | 1.77 | 92.83 | 1,998.05 | -11,622.07 | 5,746.89 | 5,645.57 | 101.33 | 56.717 | | |
| 11,900.00 | 6,840.00 | 6,835.90 | 6,833.49 | 163.36 | 1.77 | 92.78 | 1,998.06 | -11,622.13 | 5,661.36 | 5,555.61 | 103.75 | 54.569 | | |
| 12,000.00 | 6,840.00 | 6,831.56 | 6,829.15 | 166.01 | 1.77 | 92.74 | 1,998.07 | -11,622.20 | 5,576.30 | 5,470.06 | 106.24 | 52.488 | | |
| 12,100.00 | 6,840.00 | 6,827.22 | 6,824.81 | 168.65 | 1.77 | 92.69 | 1,998.08 | -11,622.26 | 5,491.75 | 5,382.94 | 108.81 | 50.472 | | |
| 12,200.00 | 6,840.00 | 6,822.87 | 6,820.46 | 171.30 | 1.77 | 92.65 | 1,998.09 | -11,622.32 | 5,407.72 | 5,296.27 | 111.45 | 48.520 | | |
| 12,300.00 | 6,840.00 | 6,818.52 | 6,816.11 | 173.94 | 1.77 | 92.60 | 1,998.11 | -11,622.39 | 5,324.25 | 5,210.07 | 114.18 | 46.632 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT ANDERSON 17-27 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 12,400.00 | 6,840.00 | 6,854.16 | 6,851.77 | 176.59 | 1.77 | 92.56 | 1,998.12 | -11,622.45 | 5,241.35 | 5,124.37 | 116.98 | 44.805 | | |
| 12,500.00 | 6,840.00 | 6,851.80 | 6,849.41 | 179.25 | 1.77 | 92.51 | 1,998.13 | -11,622.51 | 5,159.06 | 5,039.19 | 119.87 | 43.039 | | |
| 12,600.00 | 6,840.00 | 6,849.44 | 6,847.04 | 181.90 | 1.77 | 92.46 | 1,998.14 | -11,622.58 | 5,077.40 | 4,954.55 | 122.84 | 41.333 | | |
| 12,700.00 | 6,840.00 | 6,847.07 | 6,844.68 | 184.56 | 1.77 | 92.42 | 1,998.16 | -11,622.64 | 4,996.40 | 4,870.50 | 125.90 | 39.685 | | |
| 12,800.00 | 6,840.00 | 6,844.70 | 6,842.31 | 187.22 | 1.77 | 92.37 | 1,998.17 | -11,622.70 | 4,916.11 | 4,787.06 | 129.05 | 38.094 | | |
| 12,900.00 | 6,840.00 | 6,842.32 | 6,839.93 | 189.88 | 1.77 | 92.33 | 1,998.18 | -11,622.77 | 4,836.55 | 4,704.25 | 132.29 | 36.559 | | |
| 13,000.00 | 6,840.00 | 6,839.95 | 6,837.55 | 192.54 | 1.77 | 92.28 | 1,998.20 | -11,622.83 | 4,757.75 | 4,622.13 | 135.63 | 35.079 | | |
| 13,100.00 | 6,840.00 | 6,837.56 | 6,835.17 | 195.20 | 1.77 | 92.23 | 1,998.21 | -11,622.90 | 4,679.77 | 4,540.71 | 139.06 | 33.653 | | |
| 13,200.00 | 6,840.00 | 6,835.18 | 6,832.79 | 197.87 | 1.77 | 92.19 | 1,998.22 | -11,622.96 | 4,602.64 | 4,460.05 | 142.59 | 32.280 | | |
| 13,300.00 | 6,840.00 | 6,832.78 | 6,830.40 | 200.53 | 1.77 | 92.14 | 1,998.24 | -11,623.02 | 4,526.40 | 4,380.19 | 146.21 | 30.958 | | |
| 13,400.00 | 6,840.00 | 6,830.39 | 6,828.00 | 203.20 | 1.77 | 92.10 | 1,998.25 | -11,623.09 | 4,451.10 | 4,301.17 | 149.93 | 29.687 | | |
| 13,500.00 | 6,840.00 | 6,827.99 | 6,825.60 | 205.87 | 1.77 | 92.05 | 1,998.27 | -11,623.15 | 4,376.79 | 4,223.03 | 153.76 | 28.465 | | |
| 13,600.00 | 6,840.00 | 6,825.59 | 6,823.20 | 208.54 | 1.77 | 92.00 | 1,998.28 | -11,623.22 | 4,303.52 | 4,145.83 | 157.68 | 27.292 | | |
| 13,700.00 | 6,840.00 | 6,823.18 | 6,820.80 | 211.22 | 1.77 | 91.96 | 1,998.30 | -11,623.28 | 4,231.34 | 4,069.63 | 161.71 | 26.166 | | |
| 13,800.00 | 6,840.00 | 6,820.77 | 6,818.39 | 213.89 | 1.77 | 91.91 | 1,998.31 | -11,623.35 | 4,160.31 | 3,994.47 | 165.84 | 25.087 | | |
| 13,900.00 | 6,840.00 | 6,818.36 | 6,815.97 | 216.56 | 1.77 | 91.86 | 1,998.33 | -11,623.42 | 4,090.49 | 3,920.42 | 170.06 | 24.053 | | |
| 14,000.00 | 6,840.00 | 6,815.94 | 6,813.56 | 219.24 | 1.77 | 91.82 | 1,998.35 | -11,623.48 | 4,021.94 | 3,847.55 | 174.39 | 23.063 | | |
| 14,100.00 | 6,840.00 | 6,813.51 | 6,811.13 | 221.92 | 1.77 | 91.77 | 1,998.36 | -11,623.55 | 3,954.73 | 3,775.92 | 178.81 | 22.117 | | |
| 14,200.00 | 6,840.00 | 6,811.09 | 6,808.71 | 224.59 | 1.77 | 91.72 | 1,998.38 | -11,623.61 | 3,888.93 | 3,705.61 | 183.33 | 21.213 | | |
| 14,300.00 | 6,840.00 | 6,808.66 | 6,806.28 | 227.27 | 1.77 | 91.67 | 1,998.40 | -11,623.68 | 3,824.62 | 3,636.69 | 187.93 | 20.351 | | |
| 14,400.00 | 6,840.00 | 6,806.22 | 6,803.84 | 229.95 | 1.77 | 91.63 | 1,998.41 | -11,623.75 | 3,761.85 | 3,569.24 | 192.62 | 19.530 | | |
| 14,500.00 | 6,840.00 | 6,803.78 | 6,801.41 | 232.63 | 1.77 | 91.58 | 1,998.43 | -11,623.81 | 3,700.73 | 3,503.34 | 197.39 | 18.749 | | |
| 14,600.00 | 6,840.00 | 6,801.34 | 6,798.96 | 235.31 | 1.77 | 91.53 | 1,998.45 | -11,623.88 | 3,641.32 | 3,439.10 | 202.22 | 18.006 | | |
| 14,700.00 | 6,840.00 | 6,800.00 | 6,797.62 | 238.00 | 1.77 | 91.51 | 1,998.46 | -11,623.92 | 3,583.72 | 3,376.60 | 207.13 | 17.302 | | |
| 14,800.00 | 6,840.00 | 6,800.00 | 6,797.62 | 240.68 | 1.77 | 91.51 | 1,998.46 | -11,623.92 | 3,528.02 | 3,315.94 | 212.08 | 16.635 | | |
| 14,900.00 | 6,840.00 | 6,794.86 | 6,792.49 | 243.36 | 1.77 | 91.41 | 1,998.49 | -11,624.06 | 3,474.29 | 3,257.21 | 217.08 | 16.005 | | |
| 15,000.00 | 6,840.00 | 6,792.79 | 6,790.41 | 246.05 | 1.77 | 91.37 | 1,998.51 | -11,624.11 | 3,422.64 | 3,200.54 | 222.11 | 15.410 | | |
| 15,100.00 | 6,840.00 | 6,790.72 | 6,788.35 | 248.74 | 1.77 | 91.33 | 1,998.53 | -11,624.17 | 3,373.17 | 3,146.02 | 227.15 | 14.850 | | |
| 15,200.00 | 6,840.00 | 6,788.66 | 6,786.29 | 251.42 | 1.77 | 91.29 | 1,998.54 | -11,624.22 | 3,325.96 | 3,093.78 | 232.19 | 14.325 | | |
| 15,300.00 | 6,840.00 | 6,786.61 | 6,784.24 | 254.11 | 1.77 | 91.25 | 1,998.56 | -11,624.28 | 3,281.13 | 3,043.92 | 237.21 | 13.832 | | |
| 15,400.00 | 6,840.00 | 6,784.58 | 6,782.21 | 256.80 | 1.77 | 91.21 | 1,998.58 | -11,624.33 | 3,238.75 | 2,996.56 | 242.19 | 13.373 | | |
| 15,500.00 | 6,840.00 | 6,782.55 | 6,780.18 | 259.49 | 1.77 | 91.17 | 1,998.60 | -11,624.39 | 3,198.95 | 2,951.83 | 247.11 | 12.945 | | |
| 15,600.00 | 6,840.00 | 6,780.53 | 6,778.16 | 262.17 | 1.77 | 91.13 | 1,998.62 | -11,624.44 | 3,161.80 | 2,909.84 | 251.96 | 12.549 | | |
| 15,700.00 | 6,840.00 | 6,778.52 | 6,776.15 | 264.86 | 1.77 | 91.09 | 1,998.64 | -11,624.50 | 3,127.41 | 2,870.71 | 256.70 | 12.183 | | |
| 15,800.00 | 6,840.00 | 6,776.52 | 6,774.15 | 267.55 | 1.77 | 91.05 | 1,998.66 | -11,624.55 | 3,095.87 | 2,834.56 | 261.31 | 11.847 | | |
| 15,900.00 | 6,840.00 | 6,774.52 | 6,772.16 | 270.25 | 1.77 | 91.01 | 1,998.68 | -11,624.60 | 3,067.26 | 2,801.49 | 265.77 | 11.541 | | |
| 16,000.00 | 6,840.00 | 6,772.54 | 6,770.18 | 272.94 | 1.77 | 90.97 | 1,998.70 | -11,624.66 | 3,041.68 | 2,771.62 | 270.06 | 11.263 | | |
| 16,100.00 | 6,840.00 | 6,770.57 | 6,768.20 | 275.63 | 1.77 | 90.94 | 1,998.72 | -11,624.71 | 3,019.18 | 2,745.04 | 274.14 | 11.013 | | |
| 16,200.00 | 6,840.00 | 6,768.60 | 6,766.24 | 278.32 | 1.77 | 90.90 | 1,998.74 | -11,624.76 | 2,999.85 | 2,721.86 | 278.00 | 10.791 | | |
| 16,300.00 | 6,840.00 | 6,766.65 | 6,764.29 | 281.02 | 1.77 | 90.86 | 1,998.76 | -11,624.81 | 2,983.75 | 2,702.14 | 281.61 | 10.595 | | |
| 16,400.00 | 6,840.00 | 6,764.70 | 6,762.34 | 283.71 | 1.77 | 90.82 | 1,998.79 | -11,624.86 | 2,970.93 | 2,685.98 | 284.95 | 10.426 | | |
| 16,500.00 | 6,840.00 | 6,762.77 | 6,760.40 | 286.40 | 1.77 | 90.78 | 1,998.81 | -11,624.91 | 2,961.43 | 2,673.42 | 288.01 | 10.282 | | |
| 16,600.00 | 6,840.00 | 6,760.84 | 6,758.48 | 289.10 | 1.77 | 90.75 | 1,998.83 | -11,624.96 | 2,955.28 | 2,664.52 | 290.76 | 10.164 | | |
| 16,700.00 | 6,840.00 | 6,758.92 | 6,756.56 | 291.79 | 1.77 | 90.71 | 1,998.85 | -11,625.01 | 2,952.50 | 2,659.30 | 293.20 | 10.070 | | |
| 16,731.99 | 6,840.00 | 6,758.30 | 6,755.95 | 292.66 | 1.77 | 90.70 | 1,998.86 | -11,625.03 | 2,952.33 | 2,658.42 | 293.91 | 10.045 CC | | |
| 16,800.00 | 6,840.00 | 6,757.01 | 6,754.65 | 294.49 | 1.77 | 90.67 | 1,998.88 | -11,625.06 | 2,953.11 | 2,657.80 | 295.31 | 10.000 ES | | |
| 16,900.00 | 6,840.00 | 6,755.10 | 6,752.75 | 297.19 | 1.77 | 90.64 | 1,998.90 | -11,625.11 | 2,957.10 | 2,660.02 | 297.09 | 9.954 | | |
| 17,000.00 | 6,840.00 | 6,753.21 | 6,750.85 | 299.88 | 1.77 | 90.60 | 1,998.93 | -11,625.16 | 2,964.46 | 2,665.94 | 298.53 | 9.930 | | |
| 17,100.00 | 6,840.00 | 6,751.32 | 6,748.97 | 302.58 | 1.77 | 90.56 | 1,998.95 | -11,625.21 | 2,975.17 | 2,675.54 | 299.63 | 9.929 SF | | |
| 17,200.00 | 6,840.00 | 6,749.45 | 6,747.09 | 305.28 | 1.77 | 90.53 | 1,998.98 | -11,625.26 | 2,989.18 | 2,688.78 | 300.40 | 9.951 | | |
| 17,300.00 | 6,840.00 | 6,747.58 | 6,745.22 | 307.97 | 1.77 | 90.49 | 1,999.00 | -11,625.31 | 3,006.45 | 2,705.60 | 300.85 | 9.993 | | |
| 17,400.00 | 6,840.00 | 6,745.72 | 6,743.36 | 310.67 | 1.77 | 90.45 | 1,999.03 | -11,625.35 | 3,026.93 | 2,725.95 | 300.97 | 10.057 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT ANDERSON 17-27 GYRO - OWB - GYRO | | | | | | | | | | | Offset Site Error: 0.00 usft | | |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|------------------------------|---------|-------------------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | Offset Well Error: 0.00 usft | | |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | | Separation Factor |
| 17,500.00 | 6,840.00 | 6,743.87 | 6,741.51 | 313.37 | 1.77 | 90.42 | 1,999.05 | -11,625.40 | 3,050.54 | 2,749.75 | 300.79 | 10.142 | |
| 17,600.00 | 6,840.00 | 6,742.02 | 6,739.67 | 316.07 | 1.77 | 90.38 | 1,999.08 | -11,625.45 | 3,077.23 | 2,776.90 | 300.33 | 10.246 | |
| 17,700.00 | 6,840.00 | 6,740.19 | 6,737.84 | 318.77 | 1.77 | 90.35 | 1,999.10 | -11,625.50 | 3,106.90 | 2,807.32 | 299.58 | 10.371 | |
| 17,800.00 | 6,840.00 | 6,738.36 | 6,736.01 | 321.47 | 1.77 | 90.31 | 1,999.13 | -11,625.54 | 3,139.48 | 2,840.90 | 298.59 | 10.515 | |
| 17,900.00 | 6,840.00 | 6,736.54 | 6,734.19 | 324.17 | 1.77 | 90.28 | 1,999.16 | -11,625.59 | 3,174.88 | 2,877.53 | 297.35 | 10.677 | |
| 18,000.00 | 6,840.00 | 6,734.73 | 6,732.38 | 326.87 | 1.77 | 90.24 | 1,999.19 | -11,625.63 | 3,212.99 | 2,917.10 | 295.90 | 10.858 | |
| 18,100.00 | 6,840.00 | 6,732.93 | 6,730.58 | 329.57 | 1.77 | 90.21 | 1,999.21 | -11,625.68 | 3,253.74 | 2,959.49 | 294.25 | 11.058 | |
| 18,200.00 | 6,840.00 | 6,731.13 | 6,728.78 | 332.27 | 1.77 | 90.17 | 1,999.24 | -11,625.72 | 3,297.01 | 3,004.59 | 292.42 | 11.275 | |
| 18,300.00 | 6,840.00 | 6,729.34 | 6,727.00 | 334.97 | 1.77 | 90.14 | 1,999.27 | -11,625.77 | 3,342.71 | 3,052.28 | 290.43 | 11.509 | |
| 18,400.00 | 6,840.00 | 6,727.56 | 6,725.22 | 337.67 | 1.77 | 90.10 | 1,999.30 | -11,625.81 | 3,390.75 | 3,102.44 | 288.30 | 11.761 | |
| 18,500.00 | 6,840.00 | 6,725.79 | 6,723.45 | 340.38 | 1.77 | 90.07 | 1,999.33 | -11,625.86 | 3,441.02 | 3,154.96 | 286.06 | 12.029 | |
| 18,600.00 | 6,840.00 | 6,724.03 | 6,721.68 | 343.08 | 1.77 | 90.03 | 1,999.36 | -11,625.90 | 3,493.43 | 3,209.72 | 283.71 | 12.314 | |
| 18,700.00 | 6,840.00 | 6,722.27 | 6,719.93 | 345.78 | 1.77 | 90.00 | 1,999.38 | -11,625.95 | 3,547.88 | 3,266.62 | 281.27 | 12.614 | |
| 18,800.00 | 6,840.00 | 6,720.52 | 6,718.18 | 348.48 | 1.77 | 89.96 | 1,999.41 | -11,625.99 | 3,604.29 | 3,325.53 | 278.76 | 12.930 | |
| 18,900.00 | 6,840.00 | 6,718.78 | 6,716.44 | 351.19 | 1.77 | 89.93 | 1,999.44 | -11,626.03 | 3,662.55 | 3,386.37 | 276.19 | 13.261 | |
| 19,000.00 | 6,840.00 | 6,717.05 | 6,714.71 | 353.89 | 1.77 | 89.90 | 1,999.47 | -11,626.08 | 3,722.59 | 3,449.02 | 273.57 | 13.607 | |
| 19,100.00 | 6,840.00 | 6,715.32 | 6,712.98 | 356.59 | 1.77 | 89.86 | 1,999.50 | -11,626.12 | 3,784.32 | 3,513.40 | 270.92 | 13.968 | |
| 19,200.00 | 6,840.00 | 6,713.60 | 6,711.26 | 359.30 | 1.77 | 89.83 | 1,999.53 | -11,626.16 | 3,847.66 | 3,579.41 | 268.25 | 14.343 | |
| 19,300.00 | 6,840.00 | 6,711.89 | 6,709.55 | 362.00 | 1.77 | 89.80 | 1,999.56 | -11,626.20 | 3,912.52 | 3,646.96 | 265.57 | 14.733 | |
| 19,400.00 | 6,840.00 | 6,710.19 | 6,707.85 | 364.71 | 1.77 | 89.76 | 1,999.60 | -11,626.25 | 3,978.84 | 3,715.97 | 262.88 | 15.136 | |
| 19,500.00 | 6,840.00 | 6,712.93 | 6,710.59 | 367.41 | 1.77 | 89.82 | 1,999.53 | -11,626.17 | 4,046.54 | 3,786.35 | 260.19 | 15.552 | |
| 19,600.00 | 6,840.00 | 6,710.30 | 6,707.96 | 370.11 | 1.77 | 89.77 | 1,999.58 | -11,626.24 | 4,115.56 | 3,858.05 | 257.51 | 15.982 | |
| 19,700.00 | 6,840.00 | 6,707.70 | 6,705.37 | 372.82 | 1.77 | 89.72 | 1,999.64 | -11,626.30 | 4,185.83 | 3,930.98 | 254.86 | 16.424 | |
| 19,800.00 | 6,840.00 | 6,705.15 | 6,702.82 | 375.53 | 1.77 | 89.67 | 1,999.69 | -11,626.37 | 4,257.29 | 4,005.08 | 252.22 | 16.879 | |
| 19,900.00 | 6,840.00 | 6,702.64 | 6,700.31 | 378.23 | 1.77 | 89.62 | 1,999.74 | -11,626.43 | 4,329.88 | 4,080.28 | 249.60 | 17.347 | |
| 20,000.00 | 6,840.00 | 6,700.17 | 6,697.83 | 380.94 | 1.77 | 89.57 | 1,999.78 | -11,626.49 | 4,403.54 | 4,156.52 | 247.02 | 17.827 | |
| 20,100.00 | 6,840.00 | 6,697.73 | 6,695.40 | 383.64 | 1.77 | 89.52 | 1,999.83 | -11,626.55 | 4,478.23 | 4,233.76 | 244.47 | 18.318 | |
| 20,200.00 | 6,840.00 | 6,695.33 | 6,693.00 | 386.35 | 1.77 | 89.48 | 1,999.88 | -11,626.61 | 4,553.88 | 4,311.92 | 241.95 | 18.821 | |
| 20,300.00 | 6,840.00 | 6,692.96 | 6,690.64 | 389.05 | 1.77 | 89.43 | 1,999.92 | -11,626.66 | 4,630.45 | 4,390.97 | 239.48 | 19.336 | |
| 20,400.00 | 6,840.00 | 6,690.63 | 6,688.31 | 391.76 | 1.77 | 89.39 | 1,999.97 | -11,626.72 | 4,707.90 | 4,470.86 | 237.04 | 19.861 | |
| 20,442.82 | 6,840.00 | 6,689.65 | 6,687.32 | 392.92 | 1.77 | 89.37 | 1,999.98 | -11,626.74 | 4,741.32 | 4,505.32 | 236.01 | 20.090 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT BOHLENDER 1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 124.17 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 9,971.77 | 9,795.57 | 176.20 | 56.593 | | |
| 10,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 126.75 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 9,876.10 | 9,698.95 | 177.15 | 55.750 | | |
| 10,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 129.34 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 9,780.52 | 9,602.40 | 178.12 | 54.909 | | |
| 10,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 131.93 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 9,685.03 | 9,505.91 | 179.12 | 54.070 | | |
| 10,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 134.53 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 9,589.62 | 9,409.48 | 180.14 | 53.234 | | |
| 10,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 137.13 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 9,494.31 | 9,313.13 | 181.19 | 52.400 | | |
| 11,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 139.73 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 9,399.10 | 9,216.84 | 182.26 | 51.569 | | |
| 11,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 142.35 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 9,303.99 | 9,120.63 | 183.36 | 50.741 | | |
| 11,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 144.96 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 9,208.99 | 9,024.50 | 184.49 | 49.916 | | |
| 11,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 147.58 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 9,114.09 | 8,928.44 | 185.64 | 49.094 | | |
| 11,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 150.20 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 9,019.30 | 8,832.47 | 186.83 | 48.276 | | |
| 11,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 152.83 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 8,924.62 | 8,736.58 | 188.04 | 47.461 | | |
| 11,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 155.46 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 8,830.06 | 8,640.78 | 189.29 | 46.649 | | |
| 11,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 158.09 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 8,735.63 | 8,545.07 | 190.56 | 45.842 | | |
| 11,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 160.73 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 8,641.32 | 8,449.45 | 191.87 | 45.038 | | |
| 11,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 163.36 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 8,547.13 | 8,353.93 | 193.21 | 44.238 | | |
| 12,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 166.01 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 8,453.08 | 8,258.50 | 194.58 | 43.443 | | |
| 12,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 168.65 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 8,359.17 | 8,163.18 | 195.99 | 42.651 | | |
| 12,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 171.30 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 8,265.41 | 8,067.97 | 197.43 | 41.865 | | |
| 12,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 173.94 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 8,171.78 | 7,972.87 | 198.91 | 41.083 | | |
| 12,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 176.59 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 8,078.32 | 7,877.89 | 200.43 | 40.305 | | |
| 12,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 179.25 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 7,985.01 | 7,783.02 | 201.98 | 39.533 | | |
| 12,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 181.90 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 7,891.86 | 7,688.28 | 203.58 | 38.765 | | |
| 12,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 184.56 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 7,798.89 | 7,593.67 | 205.22 | 38.003 | | |
| 12,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 187.22 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 7,706.09 | 7,499.19 | 206.90 | 37.246 | | |
| 12,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 189.88 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 7,613.47 | 7,404.85 | 208.62 | 36.495 | | |
| 13,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 192.54 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 7,521.04 | 7,310.66 | 210.38 | 35.749 | | |
| 13,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 195.20 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 7,428.81 | 7,216.62 | 212.20 | 35.009 | | |
| 13,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 197.87 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 7,336.78 | 7,122.73 | 214.06 | 34.275 | | |
| 13,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 200.53 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 7,244.97 | 7,029.00 | 215.97 | 33.547 | | |
| 13,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 203.20 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 7,153.37 | 6,935.44 | 217.92 | 32.825 | | |
| 13,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 205.87 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 7,062.00 | 6,842.06 | 219.94 | 32.109 | | |
| 13,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 208.54 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 6,970.87 | 6,748.87 | 222.00 | 31.400 | | |
| 13,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 211.22 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 6,879.98 | 6,655.86 | 224.12 | 30.698 | | |
| 13,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 213.89 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 6,789.35 | 6,563.05 | 226.30 | 30.002 | | |
| 13,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 216.56 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 6,698.99 | 6,470.45 | 228.53 | 29.313 | | |
| 14,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 219.24 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 6,608.90 | 6,378.07 | 230.83 | 28.631 | | |
| 14,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 221.92 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 6,519.10 | 6,285.92 | 233.19 | 27.957 | | |
| 14,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 224.59 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 6,429.61 | 6,194.00 | 235.61 | 27.289 | | |
| 14,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 227.27 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 6,340.43 | 6,102.33 | 238.10 | 26.629 | | |
| 14,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 229.95 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 6,251.57 | 6,010.91 | 240.66 | 25.977 | | |
| 14,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 232.63 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 6,163.06 | 5,919.77 | 243.29 | 25.332 | | |
| 14,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 235.31 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 6,074.90 | 5,828.91 | 245.99 | 24.695 | | |
| 14,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 238.00 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 5,987.12 | 5,738.35 | 248.77 | 24.067 | | |
| 14,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 240.68 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 5,899.72 | 5,648.10 | 251.63 | 23.446 | | |
| 14,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 243.36 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 5,812.73 | 5,558.17 | 254.56 | 22.834 | | |
| 15,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 246.05 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 5,726.17 | 5,468.59 | 257.58 | 22.230 | | |
| 15,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 248.74 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 5,640.05 | 5,379.36 | 260.69 | 21.635 | | |
| 15,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 251.42 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 5,554.40 | 5,290.51 | 263.88 | 21.049 | | |
| 15,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 254.11 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 5,469.23 | 5,202.06 | 267.17 | 20.471 | | |
| 15,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 256.80 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 5,384.57 | 5,114.03 | 270.55 | 19.903 | | |
| 15,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 259.49 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 5,300.45 | 5,026.43 | 274.02 | 19.343 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT BOHLENDER 1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 262.17 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 5,216.89 | 4,939.29 | 277.59 | 18.793 | | |
| 15,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 264.86 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 5,133.91 | 4,852.64 | 281.27 | 18.253 | | |
| 15,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 267.55 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 5,051.56 | 4,766.51 | 285.05 | 17.722 | | |
| 15,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 270.25 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 4,969.84 | 4,680.91 | 288.93 | 17.201 | | |
| 16,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 272.94 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 4,888.81 | 4,595.88 | 292.93 | 16.689 | | |
| 16,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 275.63 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 4,808.50 | 4,511.46 | 297.04 | 16.188 | | |
| 16,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 278.32 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 4,728.93 | 4,427.67 | 301.26 | 15.697 | | |
| 16,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 281.02 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 4,650.16 | 4,344.55 | 305.60 | 15.216 | | |
| 16,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 283.71 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 4,572.21 | 4,262.15 | 310.06 | 14.746 | | |
| 16,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 286.40 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 4,495.14 | 4,180.50 | 314.64 | 14.287 | | |
| 16,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 289.10 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 4,418.98 | 4,099.64 | 319.34 | 13.838 | | |
| 16,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 291.79 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 4,343.79 | 4,019.63 | 324.16 | 13.400 | | |
| 16,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 294.49 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 4,269.62 | 3,940.51 | 329.11 | 12.973 | | |
| 16,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 297.19 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 4,196.53 | 3,862.35 | 334.18 | 12.558 | | |
| 17,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 299.88 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 4,124.56 | 3,785.18 | 339.37 | 12.153 | | |
| 17,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 302.58 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 4,053.78 | 3,709.09 | 344.69 | 11.761 | | |
| 17,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 305.28 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,984.25 | 3,634.13 | 350.13 | 11.379 | | |
| 17,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 307.97 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,916.05 | 3,560.37 | 355.68 | 11.010 | | |
| 17,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 310.67 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,849.23 | 3,487.88 | 361.35 | 10.652 | | |
| 17,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 313.37 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,783.87 | 3,416.75 | 367.12 | 10.307 | | |
| 17,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 316.07 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,720.06 | 3,347.06 | 373.00 | 9.973 | | |
| 17,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 318.77 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,657.87 | 3,278.90 | 378.97 | 9.652 | | |
| 17,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 321.47 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,597.38 | 3,212.36 | 385.02 | 9.343 | | |
| 17,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 324.17 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,538.69 | 3,147.54 | 391.15 | 9.047 | | |
| 18,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 326.87 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,481.87 | 3,084.54 | 397.33 | 8.763 | | |
| 18,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 329.57 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,427.04 | 3,023.48 | 403.56 | 8.492 | | |
| 18,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 332.27 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,374.28 | 2,964.46 | 409.82 | 8.234 | | |
| 18,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 334.97 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,323.69 | 2,907.60 | 416.09 | 7.988 | | |
| 18,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 337.67 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,275.37 | 2,853.03 | 422.34 | 7.755 | | |
| 18,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 340.38 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,229.42 | 2,800.87 | 428.55 | 7.536 | | |
| 18,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 343.08 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,185.96 | 2,751.25 | 434.71 | 7.329 | | |
| 18,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 345.78 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,145.07 | 2,704.30 | 440.77 | 7.135 | | |
| 18,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 348.48 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,106.87 | 2,660.16 | 446.71 | 6.955 | | |
| 18,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 351.19 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,071.44 | 2,618.95 | 452.50 | 6.788 | | |
| 19,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 353.89 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,038.90 | 2,580.79 | 458.11 | 6.634 | | |
| 19,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 356.59 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 3,009.33 | 2,545.83 | 463.50 | 6.493 | | |
| 19,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 359.30 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 2,982.82 | 2,514.18 | 468.64 | 6.365 | | |
| 19,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 362.00 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 2,959.45 | 2,485.95 | 473.50 | 6.250 | | |
| 19,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 364.71 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 2,939.30 | 2,461.26 | 478.04 | 6.149 | | |
| 19,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 367.41 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 2,922.44 | 2,440.19 | 482.25 | 6.060 | | |
| 19,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 370.11 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 2,908.92 | 2,422.84 | 486.08 | 5.984 | | |
| 19,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 372.82 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 2,898.78 | 2,409.27 | 489.52 | 5.922 | | |
| 19,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 375.53 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 2,892.07 | 2,399.54 | 492.54 | 5.872 | | |
| 19,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 378.23 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 2,888.81 | 2,393.69 | 495.13 | 5.835 | | |
| 19,944.27 | 6,840.00 | 6,760.00 | 6,760.00 | 379.43 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 2,888.47 | 2,392.34 | 496.13 | 5.822 CC | | |
| 20,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 380.94 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 2,889.01 | 2,391.74 | 497.27 | 5.810 ES | | |
| 20,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 383.64 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 2,892.67 | 2,393.71 | 498.96 | 5.797 | | |
| 20,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 386.35 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 2,899.77 | 2,399.58 | 500.20 | 5.797 SF | | |
| 20,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 389.05 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 2,910.30 | 2,409.32 | 500.98 | 5.809 | | |
| 20,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 391.76 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 2,924.20 | 2,422.89 | 501.31 | 5.833 | | |
| 20,442.82 | 6,840.00 | 6,760.00 | 6,760.00 | 392.92 | 117.02 | 90.00 | 1,950.56 | -14,837.57 | 2,931.18 | 2,429.86 | 501.33 | 5.847 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT BOHLENDER 2 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 7,900.00 | 6,840.00 | 6,979.49 | 6,978.81 | 63.69 | 2.26 | 94.20 | 2,474.05 | -12,104.16 | 9,926.39 | 9,878.45 | 47.94 | 207.052 | | |
| 8,000.00 | 6,840.00 | 6,977.77 | 6,977.09 | 65.82 | 2.26 | 94.18 | 2,474.10 | -12,104.19 | 9,832.62 | 9,783.90 | 48.73 | 201.797 | | |
| 8,100.00 | 6,840.00 | 6,976.05 | 6,975.37 | 67.99 | 2.26 | 94.15 | 2,474.14 | -12,104.22 | 9,738.98 | 9,689.45 | 49.54 | 196.602 | | |
| 8,200.00 | 6,840.00 | 6,974.33 | 6,973.65 | 70.21 | 2.26 | 94.12 | 2,474.19 | -12,104.25 | 9,645.47 | 9,595.09 | 50.38 | 191.469 | | |
| 8,300.00 | 6,840.00 | 6,972.61 | 6,971.93 | 72.45 | 2.26 | 94.09 | 2,474.23 | -12,104.28 | 9,552.09 | 9,500.85 | 51.24 | 186.404 | | |
| 8,400.00 | 6,840.00 | 6,970.89 | 6,970.21 | 74.73 | 2.25 | 94.06 | 2,474.28 | -12,104.31 | 9,458.84 | 9,406.70 | 52.14 | 181.409 | | |
| 8,500.00 | 6,840.00 | 6,969.17 | 6,968.49 | 77.04 | 2.25 | 94.03 | 2,474.33 | -12,104.34 | 9,365.74 | 9,312.67 | 53.07 | 176.487 | | |
| 8,600.00 | 6,840.00 | 6,967.45 | 6,966.77 | 79.38 | 2.25 | 94.00 | 2,474.37 | -12,104.37 | 9,272.77 | 9,218.75 | 54.02 | 171.642 | | |
| 8,700.00 | 6,840.00 | 6,965.73 | 6,965.05 | 81.74 | 2.25 | 93.98 | 2,474.42 | -12,104.40 | 9,179.95 | 9,124.94 | 55.01 | 166.875 | | |
| 8,800.00 | 6,840.00 | 6,964.01 | 6,963.33 | 84.12 | 2.25 | 93.95 | 2,474.46 | -12,104.42 | 9,087.29 | 9,031.26 | 56.03 | 162.190 | | |
| 8,900.00 | 6,840.00 | 6,962.28 | 6,961.61 | 86.52 | 2.25 | 93.92 | 2,474.51 | -12,104.45 | 8,994.78 | 8,937.70 | 57.08 | 157.587 | | |
| 9,000.00 | 6,840.00 | 6,960.56 | 6,959.89 | 88.94 | 2.25 | 93.89 | 2,474.56 | -12,104.48 | 8,902.44 | 8,844.28 | 58.16 | 153.069 | | |
| 9,100.00 | 6,840.00 | 6,958.84 | 6,958.17 | 91.38 | 2.25 | 93.86 | 2,474.60 | -12,104.51 | 8,810.26 | 8,750.98 | 59.27 | 148.636 | | |
| 9,200.00 | 6,840.00 | 6,957.12 | 6,956.45 | 93.83 | 2.25 | 93.83 | 2,474.65 | -12,104.54 | 8,718.25 | 8,657.83 | 60.42 | 144.290 | | |
| 9,300.00 | 6,840.00 | 6,955.40 | 6,954.73 | 96.30 | 2.24 | 93.80 | 2,474.70 | -12,104.57 | 8,626.42 | 8,564.82 | 61.60 | 140.032 | | |
| 9,400.00 | 6,840.00 | 6,953.68 | 6,953.01 | 98.79 | 2.24 | 93.77 | 2,474.74 | -12,104.60 | 8,534.77 | 8,471.95 | 62.82 | 135.862 | | |
| 9,500.00 | 6,840.00 | 6,951.96 | 6,951.29 | 101.28 | 2.24 | 93.75 | 2,474.79 | -12,104.63 | 8,443.32 | 8,379.25 | 64.07 | 131.781 | | |
| 9,600.00 | 6,840.00 | 6,950.24 | 6,949.57 | 103.79 | 2.24 | 93.72 | 2,474.83 | -12,104.66 | 8,352.05 | 8,286.70 | 65.36 | 127.789 | | |
| 9,700.00 | 6,840.00 | 6,948.52 | 6,947.85 | 106.30 | 2.24 | 93.69 | 2,474.88 | -12,104.69 | 8,260.99 | 8,194.31 | 66.68 | 123.885 | | |
| 9,800.00 | 6,840.00 | 6,946.80 | 6,946.13 | 108.83 | 2.24 | 93.66 | 2,474.93 | -12,104.72 | 8,170.14 | 8,102.10 | 68.04 | 120.071 | | |
| 9,900.00 | 6,840.00 | 6,945.08 | 6,944.41 | 111.37 | 2.24 | 93.63 | 2,474.97 | -12,104.75 | 8,079.51 | 8,010.06 | 69.44 | 116.344 | | |
| 10,000.00 | 6,840.00 | 6,943.36 | 6,942.69 | 113.91 | 2.24 | 93.60 | 2,475.02 | -12,104.78 | 7,989.10 | 7,918.21 | 70.88 | 112.706 | | |
| 10,100.00 | 6,840.00 | 6,941.64 | 6,940.97 | 116.47 | 2.24 | 93.57 | 2,475.06 | -12,104.81 | 7,898.91 | 7,826.55 | 72.36 | 109.156 | | |
| 10,200.00 | 6,840.00 | 6,939.92 | 6,939.25 | 119.03 | 2.23 | 93.55 | 2,475.11 | -12,104.84 | 7,808.97 | 7,735.09 | 73.88 | 105.692 | | |
| 10,300.00 | 6,840.00 | 6,938.19 | 6,937.54 | 121.59 | 2.23 | 93.52 | 2,475.16 | -12,104.87 | 7,719.28 | 7,643.83 | 75.45 | 102.314 | | |
| 10,400.00 | 6,840.00 | 6,936.47 | 6,935.82 | 124.17 | 2.23 | 93.49 | 2,475.20 | -12,104.89 | 7,629.84 | 7,552.78 | 77.05 | 99.022 | | |
| 10,500.00 | 6,840.00 | 6,934.75 | 6,934.10 | 126.75 | 2.23 | 93.46 | 2,475.25 | -12,104.92 | 7,540.66 | 7,461.96 | 78.70 | 95.814 | | |
| 10,600.00 | 6,840.00 | 6,933.03 | 6,932.38 | 129.34 | 2.23 | 93.43 | 2,475.29 | -12,104.95 | 7,451.76 | 7,371.37 | 80.40 | 92.689 | | |
| 10,700.00 | 6,840.00 | 6,931.31 | 6,930.66 | 131.93 | 2.23 | 93.40 | 2,475.34 | -12,104.98 | 7,363.14 | 7,281.01 | 82.14 | 89.646 | | |
| 10,800.00 | 6,840.00 | 6,929.59 | 6,928.94 | 134.53 | 2.23 | 93.37 | 2,475.39 | -12,105.01 | 7,274.82 | 7,190.90 | 83.92 | 86.685 | | |
| 10,900.00 | 6,840.00 | 6,927.87 | 6,927.22 | 137.13 | 2.23 | 93.34 | 2,475.43 | -12,105.04 | 7,186.81 | 7,101.05 | 85.76 | 83.803 | | |
| 11,000.00 | 6,840.00 | 6,926.15 | 6,925.50 | 139.73 | 2.22 | 93.32 | 2,475.48 | -12,105.07 | 7,099.11 | 7,011.47 | 87.64 | 81.000 | | |
| 11,100.00 | 6,840.00 | 6,924.43 | 6,923.78 | 142.35 | 2.22 | 93.29 | 2,475.52 | -12,105.10 | 7,011.74 | 6,922.16 | 89.58 | 78.275 | | |
| 11,200.00 | 6,840.00 | 6,922.71 | 6,922.06 | 144.96 | 2.22 | 93.26 | 2,475.57 | -12,105.13 | 6,924.71 | 6,833.14 | 91.57 | 75.625 | | |
| 11,300.00 | 6,840.00 | 6,920.99 | 6,920.34 | 147.58 | 2.22 | 93.23 | 2,475.62 | -12,105.16 | 6,838.04 | 6,744.43 | 93.61 | 73.050 | | |
| 11,400.00 | 6,840.00 | 6,919.27 | 6,918.62 | 150.20 | 2.22 | 93.20 | 2,475.66 | -12,105.19 | 6,751.73 | 6,656.03 | 95.70 | 70.549 | | |
| 11,500.00 | 6,840.00 | 6,917.55 | 6,916.90 | 152.83 | 2.22 | 93.17 | 2,475.71 | -12,105.22 | 6,665.81 | 6,567.95 | 97.85 | 68.120 | | |
| 11,600.00 | 6,840.00 | 6,915.83 | 6,915.18 | 155.46 | 2.22 | 93.14 | 2,475.75 | -12,105.25 | 6,580.28 | 6,480.22 | 100.06 | 65.762 | | |
| 11,700.00 | 6,840.00 | 6,914.10 | 6,913.46 | 158.09 | 2.22 | 93.11 | 2,475.80 | -12,105.28 | 6,495.17 | 6,392.84 | 102.33 | 63.474 | | |
| 11,800.00 | 6,840.00 | 6,912.38 | 6,911.74 | 160.73 | 2.22 | 93.09 | 2,475.85 | -12,105.31 | 6,410.48 | 6,305.83 | 104.66 | 61.253 | | |
| 11,900.00 | 6,840.00 | 6,910.66 | 6,910.02 | 163.36 | 2.21 | 93.06 | 2,475.89 | -12,105.34 | 6,326.24 | 6,219.20 | 107.04 | 59.099 | | |
| 12,000.00 | 6,840.00 | 6,908.94 | 6,908.30 | 166.01 | 2.21 | 93.03 | 2,475.94 | -12,105.37 | 6,242.47 | 6,132.98 | 109.50 | 57.011 | | |
| 12,100.00 | 6,840.00 | 6,907.22 | 6,906.58 | 168.65 | 2.21 | 93.00 | 2,475.99 | -12,105.39 | 6,159.18 | 6,047.17 | 112.01 | 54.987 | | |
| 12,200.00 | 6,840.00 | 6,905.50 | 6,904.86 | 171.30 | 2.21 | 92.97 | 2,476.03 | -12,105.42 | 6,076.40 | 5,961.80 | 114.59 | 53.026 | | |
| 12,300.00 | 6,840.00 | 6,903.78 | 6,903.14 | 173.94 | 2.21 | 92.94 | 2,476.08 | -12,105.45 | 5,994.14 | 5,876.89 | 117.24 | 51.126 | | |
| 12,400.00 | 6,840.00 | 6,902.06 | 6,901.42 | 176.59 | 2.21 | 92.91 | 2,476.12 | -12,105.48 | 5,912.42 | 5,792.46 | 119.96 | 49.286 | | |
| 12,500.00 | 6,840.00 | 6,900.34 | 6,899.70 | 179.25 | 2.21 | 92.88 | 2,476.17 | -12,105.51 | 5,831.28 | 5,708.53 | 122.75 | 47.505 | | |
| 12,600.00 | 6,840.00 | 6,898.62 | 6,897.98 | 181.90 | 2.21 | 92.86 | 2,476.22 | -12,105.54 | 5,750.72 | 5,625.11 | 125.61 | 45.782 | | |
| 12,700.00 | 6,840.00 | 6,896.90 | 6,896.26 | 184.56 | 2.21 | 92.83 | 2,476.26 | -12,105.57 | 5,670.79 | 5,542.25 | 128.55 | 44.115 | | |
| 12,800.00 | 6,840.00 | 6,895.18 | 6,894.54 | 187.22 | 2.20 | 92.80 | 2,476.31 | -12,105.60 | 5,591.50 | 5,459.95 | 131.55 | 42.503 | | |
| 12,900.00 | 6,840.00 | 6,893.46 | 6,892.82 | 189.88 | 2.20 | 92.77 | 2,476.35 | -12,105.63 | 5,512.89 | 5,378.25 | 134.64 | 40.946 | | |
| 13,000.00 | 6,840.00 | 6,891.74 | 6,891.10 | 192.54 | 2.20 | 92.74 | 2,476.40 | -12,105.66 | 5,434.98 | 5,297.17 | 137.80 | 39.441 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT BOHLENDER 2 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 13,100.00 | 6,840.00 | 6,890.02 | 6,889.38 | 195.20 | 2.20 | 92.71 | 2,476.45 | -12,105.69 | 5,357.80 | 5,216.75 | 141.04 | 37.987 | | |
| 13,200.00 | 6,840.00 | 6,888.29 | 6,887.66 | 197.87 | 2.20 | 92.68 | 2,476.49 | -12,105.72 | 5,281.38 | 5,137.02 | 144.36 | 36.584 | | |
| 13,300.00 | 6,840.00 | 6,886.57 | 6,885.94 | 200.53 | 2.20 | 92.66 | 2,476.54 | -12,105.75 | 5,205.77 | 5,058.00 | 147.76 | 35.230 | | |
| 13,400.00 | 6,840.00 | 6,884.85 | 6,884.22 | 203.20 | 2.20 | 92.63 | 2,476.58 | -12,105.78 | 5,130.98 | 4,979.74 | 151.25 | 33.925 | | |
| 13,500.00 | 6,840.00 | 6,883.13 | 6,882.50 | 205.87 | 2.20 | 92.60 | 2,476.63 | -12,105.81 | 5,057.07 | 4,902.26 | 154.81 | 32.666 | | |
| 13,600.00 | 6,840.00 | 6,881.41 | 6,880.78 | 208.54 | 2.20 | 92.57 | 2,476.68 | -12,105.84 | 4,984.07 | 4,825.62 | 158.46 | 31.454 | | |
| 13,700.00 | 6,840.00 | 6,879.69 | 6,879.06 | 211.22 | 2.19 | 92.54 | 2,476.72 | -12,105.86 | 4,912.02 | 4,749.84 | 162.19 | 30.286 | | |
| 13,800.00 | 6,840.00 | 6,877.97 | 6,877.34 | 213.89 | 2.19 | 92.51 | 2,476.77 | -12,105.89 | 4,840.97 | 4,674.97 | 166.00 | 29.163 | | |
| 13,900.00 | 6,840.00 | 6,876.25 | 6,875.62 | 216.56 | 2.19 | 92.48 | 2,476.81 | -12,105.92 | 4,770.95 | 4,601.05 | 169.89 | 28.082 | | |
| 14,000.00 | 6,840.00 | 6,874.53 | 6,873.90 | 219.24 | 2.19 | 92.45 | 2,476.86 | -12,105.95 | 4,702.01 | 4,528.14 | 173.87 | 27.043 | | |
| 14,100.00 | 6,840.00 | 6,872.81 | 6,872.18 | 221.92 | 2.19 | 92.43 | 2,476.91 | -12,105.98 | 4,634.20 | 4,456.28 | 177.93 | 26.046 | | |
| 14,200.00 | 6,840.00 | 6,871.09 | 6,870.46 | 224.59 | 2.19 | 92.40 | 2,476.95 | -12,106.01 | 4,567.58 | 4,385.52 | 182.06 | 25.088 | | |
| 14,300.00 | 6,840.00 | 6,869.37 | 6,868.74 | 227.27 | 2.19 | 92.37 | 2,477.00 | -12,106.04 | 4,502.19 | 4,315.92 | 186.27 | 24.170 | | |
| 14,400.00 | 6,840.00 | 6,867.65 | 6,867.02 | 229.95 | 2.19 | 92.34 | 2,477.04 | -12,106.07 | 4,438.10 | 4,247.54 | 190.56 | 23.290 | | |
| 14,500.00 | 6,840.00 | 6,865.93 | 6,865.30 | 232.63 | 2.19 | 92.31 | 2,477.09 | -12,106.10 | 4,375.34 | 4,180.43 | 194.91 | 22.448 | | |
| 14,600.00 | 6,840.00 | 6,864.20 | 6,863.58 | 235.31 | 2.18 | 92.28 | 2,477.14 | -12,106.13 | 4,314.00 | 4,114.66 | 199.34 | 21.642 | | |
| 14,700.00 | 6,840.00 | 6,862.48 | 6,861.86 | 238.00 | 2.18 | 92.25 | 2,477.18 | -12,106.16 | 4,254.11 | 4,050.29 | 203.82 | 20.872 | | |
| 14,800.00 | 6,840.00 | 6,860.76 | 6,860.14 | 240.68 | 2.18 | 92.22 | 2,477.23 | -12,106.19 | 4,195.76 | 3,987.39 | 208.37 | 20.136 | | |
| 14,900.00 | 6,840.00 | 6,859.04 | 6,858.42 | 243.36 | 2.18 | 92.20 | 2,477.28 | -12,106.22 | 4,139.00 | 3,926.04 | 212.96 | 19.435 | | |
| 15,000.00 | 6,840.00 | 6,857.32 | 6,856.70 | 246.05 | 2.18 | 92.17 | 2,477.32 | -12,106.25 | 4,083.90 | 3,866.29 | 217.60 | 18.768 | | |
| 15,100.00 | 6,840.00 | 6,855.60 | 6,854.98 | 248.74 | 2.18 | 92.14 | 2,477.37 | -12,106.28 | 4,030.52 | 3,808.24 | 222.28 | 18.133 | | |
| 15,200.00 | 6,840.00 | 6,853.88 | 6,853.26 | 251.42 | 2.18 | 92.11 | 2,477.41 | -12,106.31 | 3,978.95 | 3,751.96 | 226.99 | 17.529 | | |
| 15,300.00 | 6,840.00 | 6,852.16 | 6,851.54 | 254.11 | 2.18 | 92.08 | 2,477.46 | -12,106.33 | 3,929.24 | 3,697.53 | 231.71 | 16.957 | | |
| 15,400.00 | 6,840.00 | 6,850.44 | 6,849.82 | 256.80 | 2.18 | 92.05 | 2,477.51 | -12,106.36 | 3,881.47 | 3,645.02 | 236.44 | 16.416 | | |
| 15,500.00 | 6,840.00 | 6,848.72 | 6,848.10 | 259.49 | 2.17 | 92.02 | 2,477.55 | -12,106.39 | 3,835.71 | 3,594.54 | 241.17 | 15.904 | | |
| 15,600.00 | 6,840.00 | 6,847.00 | 6,846.38 | 262.17 | 2.17 | 91.99 | 2,477.60 | -12,106.42 | 3,792.04 | 3,546.15 | 245.89 | 15.422 | | |
| 15,700.00 | 6,840.00 | 6,845.28 | 6,844.66 | 264.86 | 2.17 | 91.97 | 2,477.64 | -12,106.45 | 3,750.52 | 3,499.95 | 250.57 | 14.968 | | |
| 15,800.00 | 6,840.00 | 6,843.56 | 6,842.94 | 267.55 | 2.17 | 91.94 | 2,477.69 | -12,106.48 | 3,711.23 | 3,456.02 | 255.21 | 14.542 | | |
| 15,900.00 | 6,840.00 | 6,841.84 | 6,841.22 | 270.25 | 2.17 | 91.91 | 2,477.74 | -12,106.51 | 3,674.25 | 3,414.45 | 259.80 | 14.143 | | |
| 16,000.00 | 6,840.00 | 6,840.12 | 6,839.50 | 272.94 | 2.17 | 91.88 | 2,477.78 | -12,106.54 | 3,639.64 | 3,375.33 | 264.31 | 13.771 | | |
| 16,100.00 | 6,840.00 | 6,838.39 | 6,837.79 | 275.63 | 2.17 | 91.85 | 2,477.83 | -12,106.57 | 3,607.46 | 3,338.74 | 268.73 | 13.424 | | |
| 16,200.00 | 6,840.00 | 6,836.67 | 6,836.07 | 278.32 | 2.17 | 91.82 | 2,477.87 | -12,106.60 | 3,577.80 | 3,304.76 | 273.04 | 13.104 | | |
| 16,300.00 | 6,840.00 | 6,834.95 | 6,834.35 | 281.02 | 2.17 | 91.79 | 2,477.92 | -12,106.63 | 3,550.70 | 3,273.47 | 277.23 | 12.808 | | |
| 16,400.00 | 6,840.00 | 6,833.23 | 6,832.63 | 283.71 | 2.16 | 91.76 | 2,477.97 | -12,106.66 | 3,526.23 | 3,244.95 | 281.28 | 12.536 | | |
| 16,500.00 | 6,840.00 | 6,831.51 | 6,830.91 | 286.40 | 2.16 | 91.74 | 2,478.01 | -12,106.69 | 3,504.44 | 3,219.26 | 285.18 | 12.289 | | |
| 16,600.00 | 6,840.00 | 6,829.79 | 6,829.19 | 289.10 | 2.16 | 91.71 | 2,478.06 | -12,106.72 | 3,485.39 | 3,196.49 | 288.90 | 12.064 | | |
| 16,700.00 | 6,840.00 | 6,828.07 | 6,827.47 | 291.79 | 2.16 | 91.68 | 2,478.10 | -12,106.75 | 3,469.11 | 3,176.68 | 292.43 | 11.863 | | |
| 16,800.00 | 6,840.00 | 6,826.35 | 6,825.75 | 294.49 | 2.16 | 91.65 | 2,478.15 | -12,106.78 | 3,455.65 | 3,159.89 | 295.76 | 11.684 | | |
| 16,900.00 | 6,840.00 | 6,824.63 | 6,824.03 | 297.19 | 2.16 | 91.62 | 2,478.20 | -12,106.81 | 3,445.04 | 3,146.16 | 298.88 | 11.527 | | |
| 17,000.00 | 6,840.00 | 6,822.91 | 6,822.31 | 299.88 | 2.16 | 91.59 | 2,478.24 | -12,106.83 | 3,437.31 | 3,135.54 | 301.77 | 11.391 | | |
| 17,100.00 | 6,840.00 | 6,821.19 | 6,820.59 | 302.58 | 2.16 | 91.56 | 2,478.29 | -12,106.86 | 3,432.47 | 3,128.06 | 304.41 | 11.276 | | |
| 17,200.00 | 6,840.00 | 6,819.47 | 6,818.87 | 305.28 | 2.16 | 91.53 | 2,478.33 | -12,106.89 | 3,430.55 | 3,123.73 | 306.82 | 11.181 | | |
| 17,216.14 | 6,840.00 | 6,819.19 | 6,818.59 | 305.71 | 2.15 | 91.53 | 2,478.34 | -12,106.90 | 3,430.51 | 3,123.33 | 307.18 | 11.168 CC | | |
| 17,300.00 | 6,840.00 | 6,817.75 | 6,817.15 | 307.97 | 2.15 | 91.51 | 2,478.38 | -12,106.92 | 3,431.53 | 3,122.57 | 308.96 | 11.107 ES | | |
| 17,400.00 | 6,840.00 | 6,816.03 | 6,815.43 | 310.67 | 2.15 | 91.48 | 2,478.43 | -12,106.95 | 3,435.43 | 3,124.58 | 310.85 | 11.052 | | |
| 17,500.00 | 6,840.00 | 6,820.08 | 6,819.48 | 313.37 | 2.15 | 91.54 | 2,478.30 | -12,106.88 | 3,442.22 | 3,129.76 | 312.46 | 11.016 | | |
| 17,600.00 | 6,840.00 | 6,817.59 | 6,817.00 | 316.07 | 2.15 | 91.50 | 2,478.37 | -12,106.92 | 3,451.90 | 3,138.08 | 313.83 | 10.999 SF | | |
| 17,700.00 | 6,840.00 | 6,815.13 | 6,814.53 | 318.77 | 2.15 | 91.46 | 2,478.44 | -12,106.96 | 3,464.45 | 3,149.52 | 314.93 | 11.001 | | |
| 17,800.00 | 6,840.00 | 6,812.68 | 6,812.08 | 321.47 | 2.15 | 91.42 | 2,478.51 | -12,107.01 | 3,479.82 | 3,164.05 | 315.77 | 11.020 | | |
| 17,900.00 | 6,840.00 | 6,810.25 | 6,809.66 | 324.17 | 2.15 | 91.38 | 2,478.58 | -12,107.05 | 3,497.99 | 3,181.63 | 316.36 | 11.057 | | |
| 18,000.00 | 6,840.00 | 6,807.84 | 6,807.25 | 326.87 | 2.14 | 91.34 | 2,478.64 | -12,107.09 | 3,518.90 | 3,202.20 | 316.70 | 11.111 | | |
| 18,100.00 | 6,840.00 | 6,805.45 | 6,804.86 | 329.57 | 2.14 | 91.30 | 2,478.71 | -12,107.13 | 3,542.51 | 3,225.71 | 316.79 | 11.182 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT BOHLENDER 2 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning |
| 18,200.00 | 6,840.00 | 6,803.08 | 6,802.49 | 332.27 | 2.14 | 91.26 | 2,478.77 | -12,107.17 | 3,568.77 | 3,252.10 | 316.66 | 11.270 | |
| 18,300.00 | 6,840.00 | 6,800.73 | 6,800.14 | 334.97 | 2.14 | 91.22 | 2,478.84 | -12,107.21 | 3,597.61 | 3,281.30 | 316.31 | 11.374 | |
| 18,400.00 | 6,840.00 | 6,798.40 | 6,797.81 | 337.67 | 2.14 | 91.18 | 2,478.90 | -12,107.25 | 3,628.98 | 3,313.24 | 315.74 | 11.493 | |
| 18,500.00 | 6,840.00 | 6,796.09 | 6,795.50 | 340.38 | 2.14 | 91.14 | 2,478.96 | -12,107.29 | 3,662.81 | 3,347.83 | 314.98 | 11.629 | |
| 18,600.00 | 6,840.00 | 6,793.79 | 6,793.20 | 343.08 | 2.14 | 91.11 | 2,479.02 | -12,107.33 | 3,699.04 | 3,385.00 | 314.04 | 11.779 | |
| 18,700.00 | 6,840.00 | 6,791.51 | 6,790.93 | 345.78 | 2.14 | 91.07 | 2,479.08 | -12,107.37 | 3,737.59 | 3,424.67 | 312.92 | 11.944 | |
| 18,800.00 | 6,840.00 | 6,789.25 | 6,788.67 | 348.48 | 2.14 | 91.03 | 2,479.14 | -12,107.41 | 3,778.39 | 3,466.74 | 311.65 | 12.124 | |
| 18,900.00 | 6,840.00 | 6,787.01 | 6,786.42 | 351.19 | 2.14 | 90.99 | 2,479.20 | -12,107.45 | 3,821.38 | 3,511.15 | 310.23 | 12.318 | |
| 19,000.00 | 6,840.00 | 6,784.78 | 6,784.20 | 353.89 | 2.14 | 90.96 | 2,479.25 | -12,107.48 | 3,866.47 | 3,557.79 | 308.67 | 12.526 | |
| 19,100.00 | 6,840.00 | 6,782.57 | 6,781.99 | 356.59 | 2.14 | 90.92 | 2,479.31 | -12,107.52 | 3,913.59 | 3,606.59 | 307.00 | 12.748 | |
| 19,200.00 | 6,840.00 | 6,780.38 | 6,779.80 | 359.30 | 2.14 | 90.88 | 2,479.36 | -12,107.56 | 3,962.68 | 3,657.46 | 305.22 | 12.983 | |
| 19,300.00 | 6,840.00 | 6,778.21 | 6,777.63 | 362.00 | 2.14 | 90.85 | 2,479.42 | -12,107.59 | 4,013.66 | 3,710.32 | 303.35 | 13.231 | |
| 19,400.00 | 6,840.00 | 6,776.05 | 6,775.47 | 364.71 | 2.13 | 90.81 | 2,479.47 | -12,107.63 | 4,066.46 | 3,765.08 | 301.39 | 13.492 | |
| 19,500.00 | 6,840.00 | 6,773.91 | 6,773.33 | 367.41 | 2.13 | 90.77 | 2,479.53 | -12,107.66 | 4,121.01 | 3,821.66 | 299.36 | 13.766 | |
| 19,600.00 | 6,840.00 | 6,771.78 | 6,771.20 | 370.11 | 2.13 | 90.74 | 2,479.58 | -12,107.70 | 4,177.24 | 3,879.98 | 297.26 | 14.052 | |
| 19,700.00 | 6,840.00 | 6,769.67 | 6,769.09 | 372.82 | 2.13 | 90.70 | 2,479.63 | -12,107.73 | 4,235.09 | 3,939.97 | 295.11 | 14.351 | |
| 19,800.00 | 6,840.00 | 6,767.58 | 6,767.00 | 375.53 | 2.13 | 90.67 | 2,479.68 | -12,107.76 | 4,294.48 | 4,001.56 | 292.92 | 14.661 | |
| 19,900.00 | 6,840.00 | 6,765.50 | 6,764.92 | 378.23 | 2.13 | 90.63 | 2,479.73 | -12,107.80 | 4,355.36 | 4,064.66 | 290.70 | 14.983 | |
| 20,000.00 | 6,840.00 | 6,763.43 | 6,762.86 | 380.94 | 2.13 | 90.60 | 2,479.78 | -12,107.83 | 4,417.66 | 4,129.22 | 288.44 | 15.316 | |
| 20,100.00 | 6,840.00 | 6,761.39 | 6,760.81 | 383.64 | 2.13 | 90.56 | 2,479.83 | -12,107.86 | 4,481.33 | 4,195.17 | 286.16 | 15.660 | |
| 20,200.00 | 6,840.00 | 6,759.35 | 6,758.78 | 386.35 | 2.13 | 90.53 | 2,479.87 | -12,107.90 | 4,546.31 | 4,262.43 | 283.87 | 16.015 | |
| 20,300.00 | 6,840.00 | 6,757.34 | 6,756.76 | 389.05 | 2.13 | 90.50 | 2,479.92 | -12,107.93 | 4,612.53 | 4,330.96 | 281.57 | 16.381 | |
| 20,400.00 | 6,840.00 | 6,755.33 | 6,754.76 | 391.76 | 2.13 | 90.46 | 2,479.97 | -12,107.96 | 4,679.96 | 4,400.69 | 279.27 | 16.758 | |
| 20,442.82 | 6,840.00 | 6,754.48 | 6,753.91 | 392.92 | 2.13 | 90.45 | 2,479.99 | -12,107.97 | 4,709.19 | 4,430.90 | 278.28 | 16.922 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT DUPPER 3 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 3,800.00 | 3,618.49 | 3,507.51 | 3,492.49 | 22.82 | 60.26 | 37.56 | 1,253.00 | -10,772.22 | 9,999.75 | 9,921.72 | 78.02 | 128.166 | | |
| 3,900.00 | 3,711.45 | 3,585.45 | 3,585.45 | 23.57 | 61.62 | 37.69 | 1,253.00 | -10,772.22 | 9,969.80 | 9,889.84 | 79.96 | 124.688 | | |
| 4,000.00 | 3,804.42 | 3,678.42 | 3,678.42 | 24.33 | 63.24 | 37.81 | 1,253.00 | -10,772.22 | 9,939.91 | 9,857.75 | 82.16 | 120.985 | | |
| 4,100.00 | 3,897.39 | 3,771.39 | 3,771.39 | 25.09 | 64.86 | 37.94 | 1,253.00 | -10,772.22 | 9,910.06 | 9,825.70 | 84.36 | 117.472 | | |
| 4,200.00 | 3,990.36 | 3,864.36 | 3,864.36 | 25.86 | 66.49 | 38.07 | 1,253.00 | -10,772.22 | 9,880.25 | 9,793.69 | 86.57 | 114.136 | | |
| 4,300.00 | 4,083.32 | 3,957.32 | 3,957.32 | 26.62 | 68.11 | 38.20 | 1,253.00 | -10,772.22 | 9,850.50 | 9,761.73 | 88.77 | 110.964 | | |
| 4,400.00 | 4,176.29 | 4,050.29 | 4,050.29 | 27.38 | 69.73 | 38.33 | 1,253.00 | -10,772.22 | 9,820.79 | 9,729.81 | 90.98 | 107.944 | | |
| 4,500.00 | 4,269.26 | 4,143.26 | 4,143.26 | 28.14 | 71.35 | 38.46 | 1,253.00 | -10,772.22 | 9,791.13 | 9,697.94 | 93.19 | 105.065 | | |
| 4,600.00 | 4,362.23 | 4,236.23 | 4,236.23 | 28.90 | 72.98 | 38.59 | 1,253.00 | -10,772.22 | 9,761.52 | 9,666.12 | 95.40 | 102.318 | | |
| 4,700.00 | 4,455.20 | 4,329.20 | 4,329.20 | 29.66 | 74.60 | 38.72 | 1,253.00 | -10,772.22 | 9,731.96 | 9,634.34 | 97.62 | 99.693 | | |
| 4,800.00 | 4,548.16 | 4,422.16 | 4,422.16 | 30.43 | 76.22 | 38.85 | 1,253.00 | -10,772.22 | 9,702.45 | 9,602.62 | 99.84 | 97.184 | | |
| 4,900.00 | 4,641.13 | 4,515.13 | 4,515.13 | 31.19 | 77.84 | 38.99 | 1,253.00 | -10,772.22 | 9,672.99 | 9,570.94 | 102.05 | 94.782 | | |
| 5,000.00 | 4,734.10 | 4,608.10 | 4,608.10 | 31.95 | 79.47 | 39.12 | 1,253.00 | -10,772.22 | 9,643.58 | 9,539.31 | 104.28 | 92.481 | | |
| 5,100.00 | 4,827.07 | 4,701.07 | 4,701.07 | 32.71 | 81.09 | 39.25 | 1,253.00 | -10,772.22 | 9,614.22 | 9,507.72 | 106.50 | 90.275 | | |
| 5,200.00 | 4,920.04 | 4,805.96 | 4,794.04 | 33.48 | 82.92 | 39.39 | 1,253.00 | -10,772.22 | 9,584.92 | 9,475.98 | 108.93 | 87.990 | | |
| 5,300.00 | 5,013.00 | 4,887.00 | 4,887.00 | 34.24 | 84.33 | 39.53 | 1,253.00 | -10,772.22 | 9,555.66 | 9,444.71 | 110.95 | 86.125 | | |
| 5,400.00 | 5,105.97 | 4,979.97 | 4,979.97 | 35.00 | 85.96 | 39.66 | 1,253.00 | -10,772.22 | 9,526.46 | 9,413.28 | 113.18 | 84.171 | | |
| 5,500.00 | 5,198.94 | 5,072.94 | 5,072.94 | 35.77 | 87.58 | 39.80 | 1,253.00 | -10,772.22 | 9,497.31 | 9,381.90 | 115.41 | 82.291 | | |
| 5,600.00 | 5,291.91 | 5,165.91 | 5,165.91 | 36.53 | 89.20 | 39.94 | 1,253.00 | -10,772.22 | 9,468.21 | 9,350.57 | 117.64 | 80.482 | | |
| 5,700.00 | 5,384.87 | 5,258.87 | 5,258.87 | 37.29 | 90.82 | 40.08 | 1,253.00 | -10,772.22 | 9,439.17 | 9,319.29 | 119.88 | 78.739 | | |
| 5,800.00 | 5,477.84 | 5,351.84 | 5,351.84 | 38.06 | 92.45 | 40.22 | 1,253.00 | -10,772.22 | 9,410.19 | 9,288.07 | 122.12 | 77.059 | | |
| 5,900.00 | 5,570.81 | 5,444.81 | 5,444.81 | 38.82 | 94.07 | 40.36 | 1,253.00 | -10,772.22 | 9,381.25 | 9,256.90 | 124.36 | 75.438 | | |
| 6,000.00 | 5,663.78 | 5,537.78 | 5,537.78 | 39.59 | 95.69 | 40.50 | 1,253.00 | -10,772.22 | 9,352.38 | 9,225.78 | 126.60 | 73.875 | | |
| 6,100.00 | 5,756.75 | 5,630.75 | 5,630.75 | 40.35 | 97.32 | 40.64 | 1,253.00 | -10,772.22 | 9,323.56 | 9,194.72 | 128.84 | 72.365 | | |
| 6,200.00 | 5,849.71 | 5,723.71 | 5,723.71 | 41.12 | 98.94 | 40.79 | 1,253.00 | -10,772.22 | 9,294.79 | 9,163.71 | 131.09 | 70.905 | | |
| 6,300.00 | 5,942.68 | 5,816.68 | 5,816.68 | 41.88 | 100.56 | 40.93 | 1,253.00 | -10,772.22 | 9,266.09 | 9,132.75 | 133.34 | 69.495 | | |
| 6,400.00 | 6,035.65 | 5,909.65 | 5,909.65 | 42.64 | 102.18 | 41.08 | 1,253.00 | -10,772.22 | 9,237.44 | 9,101.85 | 135.58 | 68.130 | | |
| 6,500.00 | 6,128.62 | 6,002.62 | 6,002.62 | 43.41 | 103.81 | 41.22 | 1,253.00 | -10,772.22 | 9,208.85 | 9,071.01 | 137.84 | 66.810 | | |
| 6,600.00 | 6,221.59 | 6,104.42 | 6,095.59 | 44.17 | 105.58 | 41.37 | 1,253.00 | -10,772.22 | 9,180.32 | 9,040.07 | 140.25 | 65.459 | | |
| 6,700.00 | 6,314.55 | 6,188.55 | 6,188.55 | 44.94 | 107.05 | 41.52 | 1,253.00 | -10,772.22 | 9,151.85 | 9,009.50 | 142.35 | 64.292 | | |
| 6,800.00 | 6,407.52 | 6,281.52 | 6,281.52 | 45.70 | 108.67 | 41.67 | 1,253.00 | -10,772.22 | 9,123.43 | 8,978.83 | 144.61 | 63.092 | | |
| 6,900.00 | 6,499.98 | 6,373.98 | 6,373.98 | 46.49 | 110.29 | 38.05 | 1,253.00 | -10,772.22 | 9,093.72 | 8,946.86 | 146.87 | 61.918 | | |
| 7,000.00 | 6,586.50 | 6,460.50 | 6,460.50 | 47.49 | 111.80 | 33.35 | 1,253.00 | -10,772.22 | 9,051.13 | 8,902.04 | 149.09 | 60.710 | | |
| 7,100.00 | 6,663.58 | 6,537.58 | 6,537.58 | 48.75 | 113.14 | 32.25 | 1,253.00 | -10,772.22 | 8,994.11 | 8,842.92 | 151.19 | 59.487 | | |
| 7,200.00 | 6,728.87 | 6,602.87 | 6,602.87 | 50.23 | 114.28 | 33.82 | 1,253.00 | -10,772.22 | 8,924.42 | 8,771.32 | 153.11 | 58.289 | | |
| 7,300.00 | 6,780.38 | 6,654.38 | 6,654.38 | 51.91 | 115.18 | 38.48 | 1,253.00 | -10,772.22 | 8,844.19 | 8,689.43 | 154.76 | 57.148 | | |
| 7,400.00 | 6,816.56 | 6,709.44 | 6,690.56 | 53.74 | 116.14 | 48.32 | 1,253.00 | -10,772.22 | 8,755.84 | 8,599.42 | 156.42 | 55.975 | | |
| 7,500.00 | 6,836.29 | 6,710.29 | 6,710.29 | 55.65 | 116.16 | 68.42 | 1,253.00 | -10,772.22 | 8,662.07 | 8,505.00 | 157.07 | 55.148 | | |
| 7,600.00 | 6,840.00 | 6,714.00 | 6,714.00 | 57.58 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 8,565.72 | 8,408.04 | 157.68 | 54.323 | | |
| 7,700.00 | 6,840.00 | 6,714.00 | 6,714.00 | 59.56 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 8,469.14 | 8,310.93 | 158.22 | 53.528 | | |
| 7,800.00 | 6,840.00 | 6,714.00 | 6,714.00 | 61.60 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 8,372.65 | 8,213.87 | 158.78 | 52.731 | | |
| 7,900.00 | 6,840.00 | 6,714.00 | 6,714.00 | 63.69 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 8,276.24 | 8,116.88 | 159.36 | 51.933 | | |
| 8,000.00 | 6,840.00 | 6,714.00 | 6,714.00 | 65.82 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 8,179.92 | 8,019.95 | 159.97 | 51.134 | | |
| 8,100.00 | 6,840.00 | 6,714.00 | 6,714.00 | 67.99 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 8,083.68 | 7,923.08 | 160.60 | 50.335 | | |
| 8,200.00 | 6,840.00 | 6,714.00 | 6,714.00 | 70.21 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 7,987.54 | 7,826.29 | 161.25 | 49.534 | | |
| 8,300.00 | 6,840.00 | 6,714.00 | 6,714.00 | 72.45 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 7,891.49 | 7,729.56 | 161.93 | 48.733 | | |
| 8,400.00 | 6,840.00 | 6,714.00 | 6,714.00 | 74.73 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 7,795.55 | 7,632.91 | 162.64 | 47.932 | | |
| 8,500.00 | 6,840.00 | 6,714.00 | 6,714.00 | 77.04 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 7,699.70 | 7,536.33 | 163.37 | 47.130 | | |
| 8,600.00 | 6,840.00 | 6,714.00 | 6,714.00 | 79.38 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 7,603.97 | 7,439.83 | 164.13 | 46.329 | | |
| 8,700.00 | 6,840.00 | 6,714.00 | 6,714.00 | 81.74 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 7,508.34 | 7,343.42 | 164.92 | 45.527 | | |
| 8,800.00 | 6,840.00 | 6,714.00 | 6,714.00 | 84.12 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 7,412.83 | 7,247.09 | 165.74 | 44.726 | | |
| 8,900.00 | 6,840.00 | 6,714.00 | 6,714.00 | 86.52 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 7,317.44 | 7,150.85 | 166.59 | 43.926 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT DUPPER 3 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 9,000.00 | 6,840.00 | 6,714.00 | 6,714.00 | 88.94 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 7,222.17 | 7,054.71 | 167.47 | 43.126 | | |
| 9,100.00 | 6,840.00 | 6,714.00 | 6,714.00 | 91.38 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 7,127.04 | 6,958.66 | 168.38 | 42.327 | | |
| 9,200.00 | 6,840.00 | 6,714.00 | 6,714.00 | 93.83 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 7,032.04 | 6,862.71 | 169.32 | 41.530 | | |
| 9,300.00 | 6,840.00 | 6,714.00 | 6,714.00 | 96.30 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 6,937.18 | 6,766.87 | 170.31 | 40.734 | | |
| 9,400.00 | 6,840.00 | 6,714.00 | 6,714.00 | 98.79 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 6,842.46 | 6,671.14 | 171.32 | 39.939 | | |
| 9,500.00 | 6,840.00 | 6,714.00 | 6,714.00 | 101.28 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 6,747.90 | 6,575.53 | 172.37 | 39.147 | | |
| 9,600.00 | 6,840.00 | 6,714.00 | 6,714.00 | 103.79 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 6,653.50 | 6,480.03 | 173.47 | 38.356 | | |
| 9,700.00 | 6,840.00 | 6,714.00 | 6,714.00 | 106.30 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 6,559.26 | 6,384.66 | 174.60 | 37.568 | | |
| 9,800.00 | 6,840.00 | 6,714.00 | 6,714.00 | 108.83 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 6,465.20 | 6,289.43 | 175.77 | 36.782 | | |
| 9,900.00 | 6,840.00 | 6,714.00 | 6,714.00 | 111.37 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 6,371.32 | 6,194.33 | 176.99 | 35.999 | | |
| 10,000.00 | 6,840.00 | 6,714.00 | 6,714.00 | 113.91 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 6,277.62 | 6,099.38 | 178.24 | 35.219 | | |
| 10,100.00 | 6,840.00 | 6,714.00 | 6,714.00 | 116.47 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 6,184.13 | 6,004.58 | 179.55 | 34.442 | | |
| 10,200.00 | 6,840.00 | 6,714.00 | 6,714.00 | 119.03 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 6,090.84 | 5,909.93 | 180.90 | 33.669 | | |
| 10,300.00 | 6,840.00 | 6,714.00 | 6,714.00 | 121.59 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 5,997.76 | 5,815.46 | 182.30 | 32.900 | | |
| 10,400.00 | 6,840.00 | 6,714.00 | 6,714.00 | 124.17 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 5,904.92 | 5,721.16 | 183.76 | 32.134 | | |
| 10,500.00 | 6,840.00 | 6,714.00 | 6,714.00 | 126.75 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 5,812.31 | 5,627.04 | 185.26 | 31.373 | | |
| 10,600.00 | 6,840.00 | 6,714.00 | 6,714.00 | 129.34 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 5,719.95 | 5,533.12 | 186.83 | 30.617 | | |
| 10,700.00 | 6,840.00 | 6,714.00 | 6,714.00 | 131.93 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 5,627.85 | 5,439.40 | 188.44 | 29.865 | | |
| 10,800.00 | 6,840.00 | 6,714.00 | 6,714.00 | 134.53 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 5,536.02 | 5,345.90 | 190.12 | 29.118 | | |
| 10,900.00 | 6,840.00 | 6,714.00 | 6,714.00 | 137.13 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 5,444.48 | 5,252.62 | 191.86 | 28.377 | | |
| 11,000.00 | 6,840.00 | 6,714.00 | 6,714.00 | 139.73 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 5,353.25 | 5,159.58 | 193.67 | 27.641 | | |
| 11,100.00 | 6,840.00 | 6,714.00 | 6,714.00 | 142.35 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 5,262.33 | 5,066.79 | 195.54 | 26.912 | | |
| 11,200.00 | 6,840.00 | 6,714.00 | 6,714.00 | 144.96 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 5,171.75 | 4,974.27 | 197.48 | 26.188 | | |
| 11,300.00 | 6,840.00 | 6,714.00 | 6,714.00 | 147.58 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 5,081.53 | 4,882.03 | 199.50 | 25.472 | | |
| 11,400.00 | 6,840.00 | 6,714.00 | 6,714.00 | 150.20 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,991.67 | 4,790.08 | 201.59 | 24.762 | | |
| 11,500.00 | 6,840.00 | 6,714.00 | 6,714.00 | 152.83 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,902.21 | 4,698.45 | 203.76 | 24.059 | | |
| 11,600.00 | 6,840.00 | 6,714.00 | 6,714.00 | 155.46 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,813.16 | 4,607.15 | 206.01 | 23.364 | | |
| 11,700.00 | 6,840.00 | 6,714.00 | 6,714.00 | 158.09 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,724.55 | 4,516.20 | 208.35 | 22.676 | | |
| 11,800.00 | 6,840.00 | 6,714.00 | 6,714.00 | 160.73 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,636.41 | 4,425.63 | 210.78 | 21.997 | | |
| 11,900.00 | 6,840.00 | 6,714.00 | 6,714.00 | 163.36 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,548.75 | 4,335.46 | 213.30 | 21.326 | | |
| 12,000.00 | 6,840.00 | 6,714.00 | 6,714.00 | 166.01 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,461.62 | 4,245.70 | 215.91 | 20.664 | | |
| 12,100.00 | 6,840.00 | 6,714.00 | 6,714.00 | 168.65 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,375.03 | 4,156.40 | 218.63 | 20.011 | | |
| 12,200.00 | 6,840.00 | 6,714.00 | 6,714.00 | 171.30 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,289.03 | 4,067.58 | 221.45 | 19.368 | | |
| 12,300.00 | 6,840.00 | 6,714.00 | 6,714.00 | 173.94 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,203.65 | 3,979.26 | 224.39 | 18.734 | | |
| 12,400.00 | 6,840.00 | 6,714.00 | 6,714.00 | 176.59 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,118.92 | 3,891.49 | 227.43 | 18.111 | | |
| 12,500.00 | 6,840.00 | 6,714.00 | 6,714.00 | 179.25 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,034.90 | 3,804.31 | 230.59 | 17.498 | | |
| 12,600.00 | 6,840.00 | 6,714.00 | 6,714.00 | 181.90 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,951.62 | 3,717.74 | 233.88 | 16.896 | | |
| 12,700.00 | 6,840.00 | 6,714.00 | 6,714.00 | 184.56 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,869.13 | 3,631.84 | 237.28 | 16.306 | | |
| 12,800.00 | 6,840.00 | 6,714.00 | 6,714.00 | 187.22 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,787.48 | 3,546.66 | 240.82 | 15.727 | | |
| 12,900.00 | 6,840.00 | 6,714.00 | 6,714.00 | 189.88 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,706.74 | 3,462.24 | 244.50 | 15.161 | | |
| 13,000.00 | 6,840.00 | 6,714.00 | 6,714.00 | 192.54 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,626.95 | 3,378.64 | 248.31 | 14.607 | | |
| 13,100.00 | 6,840.00 | 6,714.00 | 6,714.00 | 195.20 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,548.19 | 3,295.92 | 252.26 | 14.065 | | |
| 13,200.00 | 6,840.00 | 6,714.00 | 6,714.00 | 197.87 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,470.52 | 3,214.16 | 256.36 | 13.538 | | |
| 13,300.00 | 6,840.00 | 6,714.00 | 6,714.00 | 200.53 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,394.02 | 3,133.41 | 260.61 | 13.023 | | |
| 13,400.00 | 6,840.00 | 6,714.00 | 6,714.00 | 203.20 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,318.78 | 3,053.77 | 265.01 | 12.523 | | |
| 13,500.00 | 6,840.00 | 6,714.00 | 6,714.00 | 205.87 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,244.86 | 2,975.31 | 269.55 | 12.038 | | |
| 13,600.00 | 6,840.00 | 6,714.00 | 6,714.00 | 208.54 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,172.38 | 2,898.14 | 274.25 | 11.568 | | |
| 13,700.00 | 6,840.00 | 6,714.00 | 6,714.00 | 211.22 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,101.43 | 2,822.34 | 279.09 | 11.113 | | |
| 13,800.00 | 6,840.00 | 6,714.00 | 6,714.00 | 213.89 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,032.12 | 2,748.04 | 284.09 | 10.673 | | |
| 13,900.00 | 6,840.00 | 6,714.00 | 6,714.00 | 216.56 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,964.56 | 2,675.35 | 289.22 | 10.250 | | |
| 14,000.00 | 6,840.00 | 6,714.00 | 6,714.00 | 219.24 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,898.88 | 2,604.40 | 294.48 | 9.844 | | |
| 14,100.00 | 6,840.00 | 6,714.00 | 6,714.00 | 221.92 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,835.21 | 2,535.33 | 299.88 | 9.455 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT DUPPER 3 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 14,200.00 | 6,840.00 | 6,714.00 | 6,714.00 | 224.59 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,773.67 | 2,468.30 | 305.38 | 9.083 | | |
| 14,300.00 | 6,840.00 | 6,714.00 | 6,714.00 | 227.27 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,714.43 | 2,403.46 | 310.98 | 8.729 | | |
| 14,400.00 | 6,840.00 | 6,714.00 | 6,714.00 | 229.95 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,657.63 | 2,340.98 | 316.65 | 8.393 | | |
| 14,500.00 | 6,840.00 | 6,714.00 | 6,714.00 | 232.63 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,603.44 | 2,281.06 | 322.37 | 8.076 | | |
| 14,600.00 | 6,840.00 | 6,714.00 | 6,714.00 | 235.31 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,552.01 | 2,223.89 | 328.12 | 7.778 | | |
| 14,700.00 | 6,840.00 | 6,714.00 | 6,714.00 | 238.00 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,503.53 | 2,169.66 | 333.86 | 7.499 | | |
| 14,800.00 | 6,840.00 | 6,714.00 | 6,714.00 | 240.68 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,458.15 | 2,118.60 | 339.56 | 7.239 | | |
| 14,900.00 | 6,840.00 | 6,714.00 | 6,714.00 | 243.36 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,416.07 | 2,070.91 | 345.16 | 7.000 | | |
| 15,000.00 | 6,840.00 | 6,714.00 | 6,714.00 | 246.05 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,377.45 | 2,026.81 | 350.64 | 6.780 | | |
| 15,100.00 | 6,840.00 | 6,714.00 | 6,714.00 | 248.74 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,342.46 | 1,986.54 | 355.93 | 6.581 | | |
| 15,200.00 | 6,840.00 | 6,714.00 | 6,714.00 | 251.42 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,311.28 | 1,950.29 | 360.99 | 6.403 | | |
| 15,300.00 | 6,840.00 | 6,714.00 | 6,714.00 | 254.11 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,284.05 | 1,918.29 | 365.76 | 6.245 | | |
| 15,400.00 | 6,840.00 | 6,714.00 | 6,714.00 | 256.80 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,260.92 | 1,890.72 | 370.20 | 6.107 | | |
| 15,500.00 | 6,840.00 | 6,714.00 | 6,714.00 | 259.49 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,242.02 | 1,867.76 | 374.26 | 5.991 | | |
| 15,600.00 | 6,840.00 | 6,714.00 | 6,714.00 | 262.17 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,227.45 | 1,849.56 | 377.89 | 5.895 | | |
| 15,700.00 | 6,840.00 | 6,714.00 | 6,714.00 | 264.86 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,217.29 | 1,836.25 | 381.04 | 5.819 | | |
| 15,800.00 | 6,840.00 | 6,714.00 | 6,714.00 | 267.55 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,211.62 | 1,827.93 | 383.69 | 5.764 | | |
| 15,875.63 | 6,840.00 | 6,714.00 | 6,714.00 | 269.59 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,210.33 | 1,824.98 | 385.35 | 5.736 | CC | |
| 15,900.00 | 6,840.00 | 6,714.00 | 6,714.00 | 270.25 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,210.46 | 1,824.65 | 385.81 | 5.729 | ES | |
| 16,000.00 | 6,840.00 | 6,714.00 | 6,714.00 | 272.94 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,213.82 | 1,826.43 | 387.39 | 5.715 | SF | |
| 16,100.00 | 6,840.00 | 6,714.00 | 6,714.00 | 275.63 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,221.69 | 1,833.26 | 388.43 | 5.720 | | |
| 16,200.00 | 6,840.00 | 6,714.00 | 6,714.00 | 278.32 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,234.00 | 1,845.08 | 388.92 | 5.744 | | |
| 16,300.00 | 6,840.00 | 6,714.00 | 6,714.00 | 281.02 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,250.70 | 1,861.82 | 388.88 | 5.788 | | |
| 16,400.00 | 6,840.00 | 6,714.00 | 6,714.00 | 283.71 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,271.68 | 1,883.34 | 388.34 | 5.850 | | |
| 16,500.00 | 6,840.00 | 6,714.00 | 6,714.00 | 286.40 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,296.82 | 1,909.50 | 387.32 | 5.930 | | |
| 16,600.00 | 6,840.00 | 6,714.00 | 6,714.00 | 289.10 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,326.00 | 1,940.12 | 385.87 | 6.028 | | |
| 16,700.00 | 6,840.00 | 6,714.00 | 6,714.00 | 291.79 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,359.05 | 1,975.03 | 384.02 | 6.143 | | |
| 16,800.00 | 6,840.00 | 6,714.00 | 6,714.00 | 294.49 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,395.83 | 2,014.01 | 381.82 | 6.275 | | |
| 16,900.00 | 6,840.00 | 6,714.00 | 6,714.00 | 297.19 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,436.16 | 2,056.85 | 379.31 | 6.423 | | |
| 17,000.00 | 6,840.00 | 6,714.00 | 6,714.00 | 299.88 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,479.87 | 2,103.33 | 376.54 | 6.586 | | |
| 17,100.00 | 6,840.00 | 6,714.00 | 6,714.00 | 302.58 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,526.78 | 2,153.25 | 373.54 | 6.764 | | |
| 17,200.00 | 6,840.00 | 6,714.00 | 6,714.00 | 305.28 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,576.72 | 2,206.37 | 370.36 | 6.957 | | |
| 17,300.00 | 6,840.00 | 6,714.00 | 6,714.00 | 307.97 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,629.52 | 2,262.49 | 367.03 | 7.164 | | |
| 17,400.00 | 6,840.00 | 6,714.00 | 6,714.00 | 310.67 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,685.01 | 2,321.41 | 363.60 | 7.385 | | |
| 17,500.00 | 6,840.00 | 6,714.00 | 6,714.00 | 313.37 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,743.01 | 2,382.93 | 360.09 | 7.618 | | |
| 17,600.00 | 6,840.00 | 6,714.00 | 6,714.00 | 316.07 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,803.39 | 2,446.87 | 356.52 | 7.863 | | |
| 17,700.00 | 6,840.00 | 6,714.00 | 6,714.00 | 318.77 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,865.99 | 2,513.05 | 352.93 | 8.120 | | |
| 17,800.00 | 6,840.00 | 6,714.00 | 6,714.00 | 321.47 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,930.66 | 2,581.32 | 349.34 | 8.389 | | |
| 17,900.00 | 6,840.00 | 6,714.00 | 6,714.00 | 324.17 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 2,997.27 | 2,651.52 | 345.76 | 8.669 | | |
| 18,000.00 | 6,840.00 | 6,714.00 | 6,714.00 | 326.87 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,065.70 | 2,723.50 | 342.20 | 8.959 | | |
| 18,100.00 | 6,840.00 | 6,714.00 | 6,714.00 | 329.57 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,135.82 | 2,797.13 | 338.69 | 9.259 | | |
| 18,200.00 | 6,840.00 | 6,714.00 | 6,714.00 | 332.27 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,207.53 | 2,872.30 | 335.23 | 9.568 | | |
| 18,300.00 | 6,840.00 | 6,714.00 | 6,714.00 | 334.97 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,280.72 | 2,948.90 | 331.82 | 9.887 | | |
| 18,400.00 | 6,840.00 | 6,714.00 | 6,714.00 | 337.67 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,355.29 | 3,026.81 | 328.49 | 10.214 | | |
| 18,500.00 | 6,840.00 | 6,714.00 | 6,714.00 | 340.38 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,431.16 | 3,105.94 | 325.22 | 10.550 | | |
| 18,600.00 | 6,840.00 | 6,714.00 | 6,714.00 | 343.08 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,508.24 | 3,186.20 | 322.04 | 10.894 | | |
| 18,700.00 | 6,840.00 | 6,714.00 | 6,714.00 | 345.78 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,586.45 | 3,267.52 | 318.93 | 11.245 | | |
| 18,800.00 | 6,840.00 | 6,714.00 | 6,714.00 | 348.48 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,665.72 | 3,349.82 | 315.90 | 11.604 | | |
| 18,900.00 | 6,840.00 | 6,714.00 | 6,714.00 | 351.19 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,745.98 | 3,433.03 | 312.95 | 11.970 | | |
| 19,000.00 | 6,840.00 | 6,714.00 | 6,714.00 | 353.89 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,827.17 | 3,517.09 | 310.08 | 12.343 | | |
| 19,100.00 | 6,840.00 | 6,714.00 | 6,714.00 | 356.59 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,909.24 | 3,601.94 | 307.29 | 12.722 | | |
| 19,200.00 | 6,840.00 | 6,714.00 | 6,714.00 | 359.30 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 3,992.12 | 3,687.53 | 304.59 | 13.107 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT DUPER 3 - OWB - Design #1 | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 19,300.00 | 6,840.00 | 6,714.00 | 6,714.00 | 362.00 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,075.77 | 3,773.81 | 301.96 | 13.498 | |
| 19,400.00 | 6,840.00 | 6,714.00 | 6,714.00 | 364.71 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,160.14 | 3,860.73 | 299.41 | 13.894 | |
| 19,500.00 | 6,840.00 | 6,714.00 | 6,714.00 | 367.41 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,245.19 | 3,948.25 | 296.94 | 14.296 | |
| 19,600.00 | 6,840.00 | 6,714.00 | 6,714.00 | 370.11 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,330.88 | 4,036.33 | 294.54 | 14.704 | |
| 19,700.00 | 6,840.00 | 6,714.00 | 6,714.00 | 372.82 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,417.17 | 4,124.95 | 292.22 | 15.116 | |
| 19,800.00 | 6,840.00 | 6,714.00 | 6,714.00 | 375.53 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,504.03 | 4,214.06 | 289.97 | 15.533 | |
| 19,900.00 | 6,840.00 | 6,714.00 | 6,714.00 | 378.23 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,591.42 | 4,303.63 | 287.79 | 15.954 | |
| 20,000.00 | 6,840.00 | 6,714.00 | 6,714.00 | 380.94 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,679.32 | 4,393.65 | 285.67 | 16.380 | |
| 20,100.00 | 6,840.00 | 6,714.00 | 6,714.00 | 383.64 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,767.69 | 4,484.07 | 283.62 | 16.810 | |
| 20,200.00 | 6,840.00 | 6,714.00 | 6,714.00 | 386.35 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,856.52 | 4,574.88 | 281.63 | 17.244 | |
| 20,300.00 | 6,840.00 | 6,714.00 | 6,714.00 | 389.05 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 4,945.77 | 4,666.06 | 279.70 | 17.682 | |
| 20,400.00 | 6,840.00 | 6,714.00 | 6,714.00 | 391.76 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 5,035.42 | 4,757.59 | 277.84 | 18.124 | |
| 20,442.82 | 6,840.00 | 6,714.00 | 6,714.00 | 392.92 | 116.22 | 90.00 | 1,253.00 | -10,772.22 | 5,073.93 | 4,796.88 | 277.05 | 18.314 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT KNAUB 22-27 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 8,800.00 | 6,840.00 | 6,725.55 | 6,724.84 | 84.12 | 1.91 | 89.89 | 1,260.36 | -13,385.75 | 9,936.94 | 9,890.01 | 46.93 | 211.728 | | |
| 8,900.00 | 6,840.00 | 6,725.58 | 6,724.87 | 86.52 | 1.91 | 89.89 | 1,260.36 | -13,385.75 | 9,839.46 | 9,791.96 | 47.49 | 207.172 | | |
| 9,000.00 | 6,840.00 | 6,725.61 | 6,724.90 | 88.94 | 1.91 | 89.89 | 1,260.36 | -13,385.75 | 9,742.03 | 9,693.96 | 48.07 | 202.651 | | |
| 9,100.00 | 6,840.00 | 6,725.63 | 6,724.93 | 91.38 | 1.91 | 89.89 | 1,260.36 | -13,385.75 | 9,644.65 | 9,595.98 | 48.67 | 198.166 | | |
| 9,200.00 | 6,840.00 | 6,725.66 | 6,724.95 | 93.83 | 1.91 | 89.89 | 1,260.36 | -13,385.75 | 9,547.33 | 9,498.04 | 49.28 | 193.721 | | |
| 9,300.00 | 6,840.00 | 6,725.69 | 6,724.98 | 96.30 | 1.91 | 89.90 | 1,260.36 | -13,385.75 | 9,450.06 | 9,400.14 | 49.92 | 189.316 | | |
| 9,400.00 | 6,840.00 | 6,725.71 | 6,725.01 | 98.79 | 1.91 | 89.90 | 1,260.36 | -13,385.75 | 9,352.85 | 9,302.28 | 50.57 | 184.952 | | |
| 9,500.00 | 6,840.00 | 6,725.74 | 6,725.03 | 101.28 | 1.91 | 89.90 | 1,260.36 | -13,385.75 | 9,255.70 | 9,204.46 | 51.24 | 180.632 | | |
| 9,600.00 | 6,840.00 | 6,725.77 | 6,725.06 | 103.79 | 1.91 | 89.90 | 1,260.36 | -13,385.75 | 9,158.61 | 9,106.68 | 51.93 | 176.357 | | |
| 9,700.00 | 6,840.00 | 6,725.79 | 6,725.08 | 106.30 | 1.91 | 89.90 | 1,260.36 | -13,385.75 | 9,061.58 | 9,008.94 | 52.64 | 172.128 | | |
| 9,800.00 | 6,840.00 | 6,725.82 | 6,725.11 | 108.83 | 1.91 | 89.90 | 1,260.36 | -13,385.75 | 8,964.62 | 8,911.24 | 53.38 | 167.947 | | |
| 9,900.00 | 6,840.00 | 6,725.84 | 6,725.13 | 111.37 | 1.91 | 89.90 | 1,260.36 | -13,385.75 | 8,867.73 | 8,813.60 | 54.13 | 163.814 | | |
| 10,000.00 | 6,840.00 | 6,725.87 | 6,725.16 | 113.91 | 1.91 | 89.90 | 1,260.36 | -13,385.75 | 8,770.91 | 8,716.00 | 54.91 | 159.731 | | |
| 10,100.00 | 6,840.00 | 6,725.89 | 6,725.18 | 116.47 | 1.91 | 89.90 | 1,260.36 | -13,385.75 | 8,674.15 | 8,618.44 | 55.71 | 155.700 | | |
| 10,200.00 | 6,840.00 | 6,725.92 | 6,725.21 | 119.03 | 1.91 | 89.90 | 1,260.36 | -13,385.75 | 8,577.48 | 8,520.94 | 56.53 | 151.720 | | |
| 10,300.00 | 6,840.00 | 6,725.94 | 6,725.23 | 121.59 | 1.91 | 89.90 | 1,260.36 | -13,385.75 | 8,480.88 | 8,423.50 | 57.38 | 147.793 | | |
| 10,400.00 | 6,840.00 | 6,725.96 | 6,725.26 | 124.17 | 1.91 | 89.90 | 1,260.36 | -13,385.75 | 8,384.36 | 8,326.10 | 58.26 | 143.920 | | |
| 10,500.00 | 6,840.00 | 6,725.99 | 6,725.28 | 126.75 | 1.91 | 89.90 | 1,260.36 | -13,385.75 | 8,287.92 | 8,228.76 | 59.16 | 140.102 | | |
| 10,600.00 | 6,840.00 | 6,726.01 | 6,725.30 | 129.34 | 1.91 | 89.90 | 1,260.36 | -13,385.75 | 8,191.57 | 8,131.49 | 60.08 | 136.339 | | |
| 10,700.00 | 6,840.00 | 6,726.03 | 6,725.33 | 131.93 | 1.91 | 89.90 | 1,260.36 | -13,385.75 | 8,095.31 | 8,034.27 | 61.04 | 132.633 | | |
| 10,800.00 | 6,840.00 | 6,726.06 | 6,725.35 | 134.53 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 7,999.13 | 7,937.12 | 62.02 | 128.983 | | |
| 10,900.00 | 6,840.00 | 6,726.08 | 6,725.37 | 137.13 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 7,903.06 | 7,840.03 | 63.03 | 125.390 | | |
| 11,000.00 | 6,840.00 | 6,726.10 | 6,725.40 | 139.73 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 7,807.08 | 7,743.01 | 64.07 | 121.856 | | |
| 11,100.00 | 6,840.00 | 6,726.13 | 6,725.42 | 142.35 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 7,711.20 | 7,646.06 | 65.14 | 118.379 | | |
| 11,200.00 | 6,840.00 | 6,726.15 | 6,725.44 | 144.96 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 7,615.43 | 7,549.19 | 66.24 | 114.961 | | |
| 11,300.00 | 6,840.00 | 6,726.17 | 6,725.46 | 147.58 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 7,519.77 | 7,452.39 | 67.38 | 111.602 | | |
| 11,400.00 | 6,840.00 | 6,726.19 | 6,725.48 | 150.20 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 7,424.23 | 7,355.68 | 68.55 | 108.301 | | |
| 11,500.00 | 6,840.00 | 6,726.21 | 6,725.51 | 152.83 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 7,328.80 | 7,259.04 | 69.76 | 105.061 | | |
| 11,600.00 | 6,840.00 | 6,726.24 | 6,725.53 | 155.46 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 7,233.50 | 7,162.50 | 71.00 | 101.879 | | |
| 11,700.00 | 6,840.00 | 6,726.26 | 6,725.55 | 158.09 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 7,138.32 | 7,066.04 | 72.28 | 98.758 | | |
| 11,800.00 | 6,840.00 | 6,726.28 | 6,725.57 | 160.73 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 7,043.28 | 6,969.68 | 73.60 | 95.696 | | |
| 11,900.00 | 6,840.00 | 6,726.30 | 6,725.59 | 163.36 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 6,948.38 | 6,873.42 | 74.96 | 92.693 | | |
| 12,000.00 | 6,840.00 | 6,726.32 | 6,725.61 | 166.01 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 6,853.62 | 6,777.26 | 76.36 | 89.750 | | |
| 12,100.00 | 6,840.00 | 6,726.34 | 6,725.63 | 168.65 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 6,759.02 | 6,681.21 | 77.81 | 86.867 | | |
| 12,200.00 | 6,840.00 | 6,726.36 | 6,725.65 | 171.30 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 6,664.57 | 6,585.27 | 79.30 | 84.043 | | |
| 12,300.00 | 6,840.00 | 6,726.38 | 6,725.67 | 173.94 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 6,570.29 | 6,489.45 | 80.84 | 81.279 | | |
| 12,400.00 | 6,840.00 | 6,726.40 | 6,725.69 | 176.59 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 6,476.17 | 6,393.75 | 82.42 | 78.573 | | |
| 12,500.00 | 6,840.00 | 6,726.42 | 6,725.71 | 179.25 | 1.91 | 89.91 | 1,260.36 | -13,385.75 | 6,382.24 | 6,298.18 | 84.06 | 75.926 | | |
| 12,600.00 | 6,840.00 | 6,726.44 | 6,725.73 | 181.90 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 6,288.49 | 6,202.75 | 85.75 | 73.338 | | |
| 12,700.00 | 6,840.00 | 6,726.46 | 6,725.75 | 184.56 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 6,194.94 | 6,107.46 | 87.49 | 70.808 | | |
| 12,800.00 | 6,840.00 | 6,726.48 | 6,725.77 | 187.22 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 6,101.60 | 6,012.31 | 89.29 | 68.337 | | |
| 12,900.00 | 6,840.00 | 6,726.50 | 6,725.79 | 189.88 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 6,008.47 | 5,917.32 | 91.14 | 65.922 | | |
| 13,000.00 | 6,840.00 | 6,726.52 | 6,725.81 | 192.54 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 5,915.56 | 5,822.50 | 93.06 | 63.565 | | |
| 13,100.00 | 6,840.00 | 6,726.54 | 6,725.83 | 195.20 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 5,822.89 | 5,727.84 | 95.04 | 61.265 | | |
| 13,200.00 | 6,840.00 | 6,726.56 | 6,725.85 | 197.87 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 5,730.46 | 5,633.37 | 97.09 | 59.022 | | |
| 13,300.00 | 6,840.00 | 6,726.57 | 6,725.87 | 200.53 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 5,638.29 | 5,539.09 | 99.21 | 56.834 | | |
| 13,400.00 | 6,840.00 | 6,726.59 | 6,725.89 | 203.20 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 5,546.40 | 5,445.00 | 101.39 | 54.702 | | |
| 13,500.00 | 6,840.00 | 6,726.61 | 6,725.90 | 205.87 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 5,454.78 | 5,351.13 | 103.65 | 52.625 | | |
| 13,600.00 | 6,840.00 | 6,726.63 | 6,725.92 | 208.54 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 5,363.47 | 5,257.48 | 105.99 | 50.602 | | |
| 13,700.00 | 6,840.00 | 6,726.65 | 6,725.94 | 211.22 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 5,272.48 | 5,164.07 | 108.41 | 48.634 | | |
| 13,800.00 | 6,840.00 | 6,726.66 | 6,725.96 | 213.89 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 5,181.81 | 5,070.90 | 110.91 | 46.719 | | |
| 13,900.00 | 6,840.00 | 6,726.68 | 6,725.98 | 216.56 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 5,091.50 | 4,977.99 | 113.51 | 44.857 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT KNAUB 22-27 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 14,000.00 | 6,840.00 | 6,726.70 | 6,725.99 | 219.24 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 5,001.55 | 4,885.37 | 116.19 | 43.048 | | |
| 14,100.00 | 6,840.00 | 6,726.72 | 6,726.01 | 221.92 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 4,911.99 | 4,793.03 | 118.96 | 41.290 | | |
| 14,200.00 | 6,840.00 | 6,726.73 | 6,726.03 | 224.59 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 4,822.85 | 4,701.01 | 121.84 | 39.584 | | |
| 14,300.00 | 6,840.00 | 6,726.75 | 6,726.04 | 227.27 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 4,734.13 | 4,609.32 | 124.82 | 37.929 | | |
| 14,400.00 | 6,840.00 | 6,726.77 | 6,726.06 | 229.95 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 4,645.88 | 4,517.98 | 127.90 | 36.324 | | |
| 14,500.00 | 6,840.00 | 6,726.79 | 6,726.08 | 232.63 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 4,558.11 | 4,427.01 | 131.10 | 34.768 | | |
| 14,600.00 | 6,840.00 | 6,726.80 | 6,726.10 | 235.31 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 4,470.85 | 4,336.44 | 134.41 | 33.262 | | |
| 14,700.00 | 6,840.00 | 6,726.82 | 6,726.11 | 238.00 | 1.91 | 89.92 | 1,260.36 | -13,385.75 | 4,384.14 | 4,246.29 | 137.85 | 31.804 | | |
| 14,800.00 | 6,840.00 | 6,726.84 | 6,726.13 | 240.68 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 4,298.01 | 4,156.60 | 141.41 | 30.394 | | |
| 14,900.00 | 6,840.00 | 6,726.85 | 6,726.14 | 243.36 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 4,212.49 | 4,067.38 | 145.10 | 29.031 | | |
| 15,000.00 | 6,840.00 | 6,726.87 | 6,726.16 | 246.05 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 4,127.61 | 3,978.68 | 148.93 | 27.715 | | |
| 15,100.00 | 6,840.00 | 6,726.88 | 6,726.18 | 248.74 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 4,043.44 | 3,890.53 | 152.90 | 26.445 | | |
| 15,200.00 | 6,840.00 | 6,726.90 | 6,726.19 | 251.42 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 3,959.99 | 3,802.97 | 157.02 | 25.220 | | |
| 15,300.00 | 6,840.00 | 6,726.92 | 6,726.21 | 254.11 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 3,877.33 | 3,716.05 | 161.29 | 24.040 | | |
| 15,400.00 | 6,840.00 | 6,726.93 | 6,726.22 | 256.80 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 3,795.51 | 3,629.80 | 165.71 | 22.904 | | |
| 15,500.00 | 6,840.00 | 6,726.95 | 6,726.24 | 259.49 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 3,714.57 | 3,544.27 | 170.30 | 21.812 | | |
| 15,600.00 | 6,840.00 | 6,726.96 | 6,726.26 | 262.17 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 3,634.59 | 3,459.54 | 175.05 | 20.763 | | |
| 15,700.00 | 6,840.00 | 6,726.98 | 6,726.27 | 264.86 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 3,555.61 | 3,375.64 | 179.97 | 19.757 | | |
| 15,800.00 | 6,840.00 | 6,726.99 | 6,726.29 | 267.55 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 3,477.72 | 3,292.66 | 185.07 | 18.792 | | |
| 15,900.00 | 6,840.00 | 6,727.01 | 6,726.30 | 270.25 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 3,400.99 | 3,210.65 | 190.34 | 17.868 | | |
| 16,000.00 | 6,840.00 | 6,727.02 | 6,726.32 | 272.94 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 3,325.49 | 3,129.70 | 195.79 | 16.985 | | |
| 16,100.00 | 6,840.00 | 6,727.04 | 6,726.33 | 275.63 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 3,251.32 | 3,049.90 | 201.42 | 16.142 | | |
| 16,200.00 | 6,840.00 | 6,727.05 | 6,726.35 | 278.32 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 3,178.56 | 2,971.33 | 207.23 | 15.339 | | |
| 16,300.00 | 6,840.00 | 6,727.07 | 6,726.36 | 281.02 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 3,107.31 | 2,894.10 | 213.21 | 14.574 | | |
| 16,400.00 | 6,840.00 | 6,727.08 | 6,726.38 | 283.71 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 3,037.69 | 2,818.32 | 219.37 | 13.847 | | |
| 16,500.00 | 6,840.00 | 6,727.10 | 6,726.39 | 286.40 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 2,969.80 | 2,744.11 | 225.69 | 13.159 | | |
| 16,600.00 | 6,840.00 | 6,727.11 | 6,726.41 | 289.10 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 2,903.77 | 2,671.60 | 232.17 | 12.507 | | |
| 16,700.00 | 6,840.00 | 6,727.13 | 6,726.42 | 291.79 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 2,839.73 | 2,600.94 | 238.79 | 11.892 | | |
| 16,800.00 | 6,840.00 | 6,727.14 | 6,726.43 | 294.49 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 2,777.81 | 2,532.27 | 245.54 | 11.313 | | |
| 16,900.00 | 6,840.00 | 6,727.16 | 6,726.45 | 297.19 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 2,718.16 | 2,465.76 | 252.40 | 10.769 | | |
| 17,000.00 | 6,840.00 | 6,727.17 | 6,726.46 | 299.88 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 2,660.93 | 2,401.60 | 259.33 | 10.261 | | |
| 17,100.00 | 6,840.00 | 6,727.18 | 6,726.48 | 302.58 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 2,606.29 | 2,339.96 | 266.32 | 9.786 | | |
| 17,200.00 | 6,840.00 | 6,727.20 | 6,726.49 | 305.28 | 1.91 | 89.93 | 1,260.36 | -13,385.75 | 2,554.39 | 2,281.06 | 273.33 | 9.346 | | |
| 17,300.00 | 6,840.00 | 6,727.21 | 6,726.50 | 307.97 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,505.41 | 2,225.10 | 280.31 | 8.938 | | |
| 17,400.00 | 6,840.00 | 6,727.22 | 6,726.52 | 310.67 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,459.52 | 2,172.31 | 287.21 | 8.563 | | |
| 17,500.00 | 6,840.00 | 6,727.24 | 6,726.53 | 313.37 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,416.90 | 2,122.90 | 294.00 | 8.221 | | |
| 17,600.00 | 6,840.00 | 6,727.25 | 6,726.54 | 316.07 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,377.72 | 2,077.13 | 300.60 | 7.910 | | |
| 17,700.00 | 6,840.00 | 6,727.26 | 6,726.56 | 318.77 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,342.17 | 2,035.21 | 306.96 | 7.630 | | |
| 17,800.00 | 6,840.00 | 6,727.28 | 6,726.57 | 321.47 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,310.39 | 1,997.38 | 313.01 | 7.381 | | |
| 17,900.00 | 6,840.00 | 6,727.29 | 6,726.58 | 324.17 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,282.56 | 1,963.87 | 318.69 | 7.162 | | |
| 18,000.00 | 6,840.00 | 6,727.30 | 6,726.60 | 326.87 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,258.81 | 1,934.87 | 323.94 | 6.973 | | |
| 18,100.00 | 6,840.00 | 6,727.32 | 6,726.61 | 329.57 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,239.29 | 1,910.59 | 328.69 | 6.813 | | |
| 18,200.00 | 6,840.00 | 6,727.33 | 6,726.62 | 332.27 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,224.09 | 1,891.20 | 332.89 | 6.681 | | |
| 18,300.00 | 6,840.00 | 6,727.34 | 6,726.64 | 334.97 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,213.31 | 1,876.82 | 336.49 | 6.578 | | |
| 18,400.00 | 6,840.00 | 6,727.36 | 6,726.65 | 337.67 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,207.02 | 1,867.57 | 339.44 | 6.502 | | |
| 18,489.16 | 6,840.00 | 6,727.37 | 6,726.66 | 340.08 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,205.21 | 1,863.71 | 341.51 | 6.457 CC | | |
| 18,500.00 | 6,840.00 | 6,727.37 | 6,726.66 | 340.38 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,205.24 | 1,863.52 | 341.72 | 6.453 ES | | |
| 18,600.00 | 6,840.00 | 6,727.38 | 6,726.67 | 343.08 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,208.00 | 1,864.69 | 343.31 | 6.432 SF | | |
| 18,700.00 | 6,840.00 | 6,727.39 | 6,726.69 | 345.78 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,215.27 | 1,871.07 | 344.20 | 6.436 | | |
| 18,800.00 | 6,840.00 | 6,727.41 | 6,726.70 | 348.48 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,227.01 | 1,882.60 | 344.41 | 6.466 | | |
| 18,900.00 | 6,840.00 | 6,727.42 | 6,726.71 | 351.19 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,243.16 | 1,899.21 | 343.95 | 6.522 | | |
| 19,000.00 | 6,840.00 | 6,727.43 | 6,726.72 | 353.89 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,263.61 | 1,920.75 | 342.85 | 6.602 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT KNAUB 22-27 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 19,100.00 | 6,840.00 | 6,727.44 | 6,726.73 | 356.59 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,288.25 | 1,947.09 | 341.16 | 6.707 | |
| 19,200.00 | 6,840.00 | 6,727.45 | 6,726.75 | 359.30 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,316.95 | 1,978.03 | 338.92 | 6.836 | |
| 19,300.00 | 6,840.00 | 6,727.47 | 6,726.76 | 362.00 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,349.56 | 2,013.37 | 336.19 | 6.989 | |
| 19,400.00 | 6,840.00 | 6,727.48 | 6,726.77 | 364.71 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,385.92 | 2,052.90 | 333.02 | 7.165 | |
| 19,500.00 | 6,840.00 | 6,727.49 | 6,726.78 | 367.41 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,425.85 | 2,096.39 | 329.46 | 7.363 | |
| 19,600.00 | 6,840.00 | 6,727.50 | 6,726.79 | 370.11 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,469.20 | 2,143.61 | 325.58 | 7.584 | |
| 19,700.00 | 6,840.00 | 6,727.51 | 6,726.81 | 372.82 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,515.77 | 2,194.34 | 321.43 | 7.827 | |
| 19,800.00 | 6,840.00 | 6,727.52 | 6,726.82 | 375.53 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,565.40 | 2,248.34 | 317.06 | 8.091 | |
| 19,900.00 | 6,840.00 | 6,727.54 | 6,726.83 | 378.23 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,617.91 | 2,305.38 | 312.52 | 8.377 | |
| 20,000.00 | 6,840.00 | 6,727.55 | 6,726.84 | 380.94 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,673.13 | 2,365.27 | 307.86 | 8.683 | |
| 20,100.00 | 6,840.00 | 6,727.56 | 6,726.85 | 383.64 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,730.89 | 2,427.78 | 303.11 | 9.010 | |
| 20,200.00 | 6,840.00 | 6,727.57 | 6,726.86 | 386.35 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,791.05 | 2,492.74 | 298.31 | 9.356 | |
| 20,300.00 | 6,840.00 | 6,727.58 | 6,726.87 | 389.05 | 1.91 | 89.94 | 1,260.36 | -13,385.75 | 2,853.44 | 2,559.95 | 293.49 | 9.723 | |
| 20,400.00 | 6,840.00 | 6,727.59 | 6,726.88 | 391.76 | 1.91 | 89.95 | 1,260.36 | -13,385.75 | 2,917.92 | 2,629.25 | 288.67 | 10.108 | |
| 20,442.82 | 6,840.00 | 6,727.60 | 6,726.89 | 392.92 | 1.91 | 89.95 | 1,260.36 | -13,385.75 | 2,946.14 | 2,659.52 | 286.62 | 10.279 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT LIBSACK R G 27-10 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------------|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|-----------------|------------------|--------------------|-------------------|---------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | | Warning |
| Measured Depth | Vertical Depth | Measured Depth | Vertical Depth | Reference | Offset | Highside Toolface | Offset Wellbore Centre | Between Centres | Between Ellipses | Minimum Separation | Separation Factor | | | |
| (usft) | (usft) | (usft) | (usft) | (usft) | (usft) | (°) | +N/-S (usft) | +E/-W (usft) | (usft) | (usft) | (usft) | | | |
| 7,400.00 | 6,816.56 | 6,653.95 | 6,653.54 | 53.74 | 1.63 | 24.05 | -200.95 | -12,192.32 | 9,914.61 | 9,877.10 | 37.51 | 264.343 | | |
| 7,500.00 | 6,836.29 | 6,663.66 | 6,663.25 | 55.65 | 1.63 | 39.39 | -200.91 | -12,192.36 | 9,817.39 | 9,779.60 | 37.79 | 259.771 | | |
| 7,600.00 | 6,840.00 | 6,665.67 | 6,665.26 | 57.58 | 1.63 | 86.36 | -200.90 | -12,192.37 | 9,717.89 | 9,679.93 | 37.96 | 255.977 | | |
| 7,700.00 | 6,840.00 | 6,665.90 | 6,665.49 | 59.56 | 1.63 | 86.37 | -200.90 | -12,192.37 | 9,618.20 | 9,580.09 | 38.11 | 252.372 | | |
| 7,800.00 | 6,840.00 | 6,666.13 | 6,665.71 | 61.60 | 1.63 | 86.39 | -200.90 | -12,192.37 | 9,518.51 | 9,480.24 | 38.26 | 248.766 | | |
| 7,900.00 | 6,840.00 | 6,666.36 | 6,665.95 | 63.69 | 1.63 | 86.41 | -200.90 | -12,192.37 | 9,418.82 | 9,380.40 | 38.42 | 245.159 | | |
| 8,000.00 | 6,840.00 | 6,666.59 | 6,666.18 | 65.82 | 1.63 | 86.43 | -200.90 | -12,192.37 | 9,319.14 | 9,280.56 | 38.58 | 241.553 | | |
| 8,100.00 | 6,840.00 | 6,666.82 | 6,666.41 | 67.99 | 1.63 | 86.44 | -200.90 | -12,192.37 | 9,219.47 | 9,180.73 | 38.75 | 237.947 | | |
| 8,200.00 | 6,840.00 | 6,667.06 | 6,666.65 | 70.21 | 1.63 | 86.46 | -200.90 | -12,192.37 | 9,119.81 | 9,080.89 | 38.92 | 234.342 | | |
| 8,300.00 | 6,840.00 | 6,667.30 | 6,666.89 | 72.45 | 1.63 | 86.48 | -200.90 | -12,192.37 | 9,020.15 | 8,981.06 | 39.09 | 230.739 | | |
| 8,400.00 | 6,840.00 | 6,667.55 | 6,667.14 | 74.73 | 1.63 | 86.50 | -200.90 | -12,192.38 | 8,920.50 | 8,881.23 | 39.27 | 227.137 | | |
| 8,500.00 | 6,840.00 | 6,667.79 | 6,667.38 | 77.04 | 1.63 | 86.52 | -200.89 | -12,192.38 | 8,820.86 | 8,781.40 | 39.46 | 223.537 | | |
| 8,600.00 | 6,840.00 | 6,668.04 | 6,667.63 | 79.38 | 1.63 | 86.54 | -200.89 | -12,192.38 | 8,721.23 | 8,681.58 | 39.65 | 219.940 | | |
| 8,700.00 | 6,840.00 | 6,668.29 | 6,667.88 | 81.74 | 1.63 | 86.56 | -200.89 | -12,192.38 | 8,621.60 | 8,581.75 | 39.85 | 216.346 | | |
| 8,800.00 | 6,840.00 | 6,668.55 | 6,668.14 | 84.12 | 1.63 | 86.58 | -200.89 | -12,192.38 | 8,521.99 | 8,481.93 | 40.06 | 212.755 | | |
| 8,900.00 | 6,840.00 | 6,668.80 | 6,668.39 | 86.52 | 1.63 | 86.59 | -200.89 | -12,192.38 | 8,422.38 | 8,382.12 | 40.27 | 209.168 | | |
| 9,000.00 | 6,840.00 | 6,669.07 | 6,668.65 | 88.94 | 1.63 | 86.61 | -200.89 | -12,192.38 | 8,322.79 | 8,282.30 | 40.48 | 205.585 | | |
| 9,100.00 | 6,840.00 | 6,669.33 | 6,668.92 | 91.38 | 1.63 | 86.63 | -200.89 | -12,192.38 | 8,223.20 | 8,182.49 | 40.71 | 202.007 | | |
| 9,200.00 | 6,840.00 | 6,669.59 | 6,669.18 | 93.83 | 1.63 | 86.66 | -200.89 | -12,192.39 | 8,123.62 | 8,082.68 | 40.94 | 198.435 | | |
| 9,300.00 | 6,840.00 | 6,669.86 | 6,669.45 | 96.30 | 1.63 | 86.68 | -200.89 | -12,192.39 | 8,024.05 | 7,982.88 | 41.18 | 194.868 | | |
| 9,400.00 | 6,840.00 | 6,670.14 | 6,669.73 | 98.79 | 1.63 | 86.70 | -200.89 | -12,192.39 | 7,924.50 | 7,883.08 | 41.42 | 191.307 | | |
| 9,500.00 | 6,840.00 | 6,670.41 | 6,670.00 | 101.28 | 1.63 | 86.72 | -200.88 | -12,192.39 | 7,824.95 | 7,783.28 | 41.68 | 187.753 | | |
| 9,600.00 | 6,840.00 | 6,670.69 | 6,670.28 | 103.79 | 1.63 | 86.74 | -200.88 | -12,192.39 | 7,725.42 | 7,683.48 | 41.94 | 184.206 | | |
| 9,700.00 | 6,840.00 | 6,670.97 | 6,670.56 | 106.30 | 1.63 | 86.76 | -200.88 | -12,192.39 | 7,625.90 | 7,583.69 | 42.21 | 180.667 | | |
| 9,800.00 | 6,840.00 | 6,671.26 | 6,670.85 | 108.83 | 1.63 | 86.78 | -200.88 | -12,192.39 | 7,526.39 | 7,483.91 | 42.49 | 177.137 | | |
| 9,900.00 | 6,840.00 | 6,671.55 | 6,671.14 | 111.37 | 1.63 | 86.80 | -200.88 | -12,192.40 | 7,426.90 | 7,384.12 | 42.78 | 173.615 | | |
| 10,000.00 | 6,840.00 | 6,671.84 | 6,671.43 | 113.91 | 1.63 | 86.83 | -200.88 | -12,192.40 | 7,327.42 | 7,284.34 | 43.08 | 170.102 | | |
| 10,100.00 | 6,840.00 | 6,672.14 | 6,671.73 | 116.47 | 1.63 | 86.85 | -200.88 | -12,192.40 | 7,227.95 | 7,184.57 | 43.39 | 166.600 | | |
| 10,200.00 | 6,840.00 | 6,672.44 | 6,672.03 | 119.03 | 1.63 | 86.87 | -200.88 | -12,192.40 | 7,128.50 | 7,084.80 | 43.70 | 163.108 | | |
| 10,300.00 | 6,840.00 | 6,672.74 | 6,672.33 | 121.59 | 1.63 | 86.89 | -200.87 | -12,192.40 | 7,029.07 | 6,985.03 | 44.03 | 159.627 | | |
| 10,400.00 | 6,840.00 | 6,673.05 | 6,672.64 | 124.17 | 1.63 | 86.92 | -200.87 | -12,192.40 | 6,929.65 | 6,885.27 | 44.38 | 156.157 | | |
| 10,500.00 | 6,840.00 | 6,673.36 | 6,672.95 | 126.75 | 1.63 | 86.94 | -200.87 | -12,192.41 | 6,830.24 | 6,785.51 | 44.73 | 152.701 | | |
| 10,600.00 | 6,840.00 | 6,673.68 | 6,673.27 | 129.34 | 1.63 | 86.97 | -200.87 | -12,192.41 | 6,730.86 | 6,685.76 | 45.10 | 149.257 | | |
| 10,700.00 | 6,840.00 | 6,674.00 | 6,673.59 | 131.93 | 1.63 | 86.99 | -200.87 | -12,192.41 | 6,631.49 | 6,586.02 | 45.48 | 145.827 | | |
| 10,800.00 | 6,840.00 | 6,674.32 | 6,673.91 | 134.53 | 1.63 | 87.02 | -200.87 | -12,192.41 | 6,532.14 | 6,486.28 | 45.87 | 142.411 | | |
| 10,900.00 | 6,840.00 | 6,674.65 | 6,674.24 | 137.13 | 1.63 | 87.04 | -200.87 | -12,192.41 | 6,432.82 | 6,386.54 | 46.28 | 139.010 | | |
| 11,000.00 | 6,840.00 | 6,674.98 | 6,674.57 | 139.73 | 1.63 | 87.07 | -200.87 | -12,192.41 | 6,333.51 | 6,286.81 | 46.70 | 135.625 | | |
| 11,100.00 | 6,840.00 | 6,675.32 | 6,674.91 | 142.35 | 1.63 | 87.09 | -200.86 | -12,192.42 | 6,234.23 | 6,187.09 | 47.14 | 132.256 | | |
| 11,200.00 | 6,840.00 | 6,675.66 | 6,675.25 | 144.96 | 1.63 | 87.12 | -200.86 | -12,192.42 | 6,134.97 | 6,087.37 | 47.59 | 128.905 | | |
| 11,300.00 | 6,840.00 | 6,676.00 | 6,675.59 | 147.58 | 1.63 | 87.14 | -200.86 | -12,192.42 | 6,035.73 | 5,987.66 | 48.07 | 125.571 | | |
| 11,400.00 | 6,840.00 | 6,676.35 | 6,675.94 | 150.20 | 1.63 | 87.17 | -200.86 | -12,192.42 | 5,936.52 | 5,887.96 | 48.56 | 122.257 | | |
| 11,500.00 | 6,840.00 | 6,676.71 | 6,676.30 | 152.83 | 1.63 | 87.20 | -200.86 | -12,192.42 | 5,837.34 | 5,788.27 | 49.07 | 118.962 | | |
| 11,600.00 | 6,840.00 | 6,677.07 | 6,676.65 | 155.46 | 1.63 | 87.22 | -200.86 | -12,192.43 | 5,738.18 | 5,688.58 | 49.60 | 115.687 | | |
| 11,700.00 | 6,840.00 | 6,677.43 | 6,677.02 | 158.09 | 1.63 | 87.25 | -200.86 | -12,192.43 | 5,639.05 | 5,588.90 | 50.15 | 112.434 | | |
| 11,800.00 | 6,840.00 | 6,677.80 | 6,677.39 | 160.73 | 1.63 | 87.28 | -200.85 | -12,192.43 | 5,539.96 | 5,489.23 | 50.73 | 109.203 | | |
| 11,900.00 | 6,840.00 | 6,678.17 | 6,677.76 | 163.36 | 1.63 | 87.31 | -200.85 | -12,192.43 | 5,440.90 | 5,389.57 | 51.33 | 105.995 | | |
| 12,000.00 | 6,840.00 | 6,678.55 | 6,678.14 | 166.01 | 1.63 | 87.34 | -200.85 | -12,192.43 | 5,341.87 | 5,289.92 | 51.96 | 102.812 | | |
| 12,100.00 | 6,840.00 | 6,678.94 | 6,678.53 | 168.65 | 1.63 | 87.37 | -200.85 | -12,192.44 | 5,242.88 | 5,190.27 | 52.61 | 99.653 | | |
| 12,200.00 | 6,840.00 | 6,679.33 | 6,678.92 | 171.30 | 1.63 | 87.40 | -200.85 | -12,192.44 | 5,143.93 | 5,090.64 | 53.29 | 96.521 | | |
| 12,300.00 | 6,840.00 | 6,679.72 | 6,679.31 | 173.94 | 1.63 | 87.43 | -200.85 | -12,192.44 | 5,045.02 | 4,991.02 | 54.01 | 93.416 | | |
| 12,400.00 | 6,840.00 | 6,680.13 | 6,679.71 | 176.59 | 1.63 | 87.46 | -200.84 | -12,192.44 | 4,946.16 | 4,891.41 | 54.75 | 90.338 | | |
| 12,500.00 | 6,840.00 | 6,680.53 | 6,680.12 | 179.25 | 1.63 | 87.49 | -200.84 | -12,192.45 | 4,847.34 | 4,791.81 | 55.53 | 87.291 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT LIBSACK R G 27-10 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 12,600.00 | 6,840.00 | 6,680.95 | 6,680.53 | 181.90 | 1.63 | 87.52 | -200.84 | -12,192.45 | 4,748.57 | 4,692.22 | 56.35 | 84.273 | | |
| 12,700.00 | 6,840.00 | 6,681.36 | 6,680.95 | 184.56 | 1.63 | 87.55 | -200.84 | -12,192.45 | 4,649.86 | 4,592.65 | 57.20 | 81.288 | | |
| 12,800.00 | 6,840.00 | 6,681.79 | 6,681.38 | 187.22 | 1.63 | 87.58 | -200.84 | -12,192.45 | 4,551.19 | 4,493.10 | 58.10 | 78.335 | | |
| 12,900.00 | 6,840.00 | 6,682.22 | 6,681.81 | 189.88 | 1.63 | 87.62 | -200.84 | -12,192.46 | 4,452.59 | 4,393.55 | 59.04 | 75.415 | | |
| 13,000.00 | 6,840.00 | 6,682.66 | 6,682.25 | 192.54 | 1.63 | 87.65 | -200.83 | -12,192.46 | 4,354.06 | 4,294.03 | 60.03 | 72.532 | | |
| 13,100.00 | 6,840.00 | 6,683.10 | 6,682.69 | 195.20 | 1.63 | 87.69 | -200.83 | -12,192.46 | 4,255.59 | 4,194.52 | 61.07 | 69.684 | | |
| 13,200.00 | 6,840.00 | 6,683.56 | 6,683.14 | 197.87 | 1.63 | 87.72 | -200.83 | -12,192.47 | 4,157.19 | 4,095.03 | 62.16 | 66.875 | | |
| 13,300.00 | 6,840.00 | 6,684.01 | 6,683.60 | 200.53 | 1.63 | 87.75 | -200.83 | -12,192.47 | 4,058.87 | 3,995.56 | 63.32 | 64.105 | | |
| 13,400.00 | 6,840.00 | 6,684.48 | 6,684.07 | 203.20 | 1.63 | 87.79 | -200.83 | -12,192.47 | 3,960.64 | 3,896.11 | 64.53 | 61.375 | | |
| 13,500.00 | 6,840.00 | 6,684.95 | 6,684.54 | 205.87 | 1.63 | 87.83 | -200.82 | -12,192.48 | 3,862.50 | 3,796.68 | 65.82 | 58.687 | | |
| 13,600.00 | 6,840.00 | 6,685.43 | 6,685.02 | 208.54 | 1.63 | 87.86 | -200.82 | -12,192.48 | 3,764.45 | 3,697.28 | 67.17 | 56.043 | | |
| 13,700.00 | 6,840.00 | 6,685.92 | 6,685.51 | 211.22 | 1.63 | 87.90 | -200.82 | -12,192.48 | 3,666.51 | 3,597.91 | 68.61 | 53.443 | | |
| 13,800.00 | 6,840.00 | 6,686.41 | 6,686.00 | 213.89 | 1.63 | 87.94 | -200.82 | -12,192.49 | 3,568.69 | 3,498.56 | 70.13 | 50.890 | | |
| 13,900.00 | 6,840.00 | 6,686.92 | 6,686.50 | 216.56 | 1.63 | 87.98 | -200.82 | -12,192.49 | 3,470.99 | 3,399.25 | 71.74 | 48.384 | | |
| 14,000.00 | 6,840.00 | 6,687.43 | 6,687.01 | 219.24 | 1.63 | 88.02 | -200.81 | -12,192.49 | 3,373.42 | 3,299.97 | 73.45 | 45.928 | | |
| 14,100.00 | 6,840.00 | 6,687.95 | 6,687.53 | 221.92 | 1.63 | 88.05 | -200.81 | -12,192.50 | 3,276.00 | 3,200.73 | 75.27 | 43.523 | | |
| 14,200.00 | 6,840.00 | 6,688.47 | 6,688.06 | 224.59 | 1.63 | 88.09 | -200.81 | -12,192.50 | 3,178.74 | 3,101.53 | 77.21 | 41.170 | | |
| 14,300.00 | 6,840.00 | 6,689.01 | 6,688.60 | 227.27 | 1.63 | 88.14 | -200.81 | -12,192.50 | 3,081.65 | 3,002.38 | 79.28 | 38.872 | | |
| 14,400.00 | 6,840.00 | 6,689.56 | 6,689.14 | 229.95 | 1.63 | 88.18 | -200.81 | -12,192.51 | 2,984.76 | 2,903.27 | 81.49 | 36.629 | | |
| 14,500.00 | 6,840.00 | 6,690.11 | 6,689.70 | 232.63 | 1.63 | 88.22 | -200.80 | -12,192.51 | 2,888.08 | 2,804.23 | 83.85 | 34.443 | | |
| 14,600.00 | 6,840.00 | 6,690.67 | 6,690.26 | 235.31 | 1.63 | 88.26 | -200.80 | -12,192.52 | 2,791.63 | 2,705.25 | 86.38 | 32.316 | | |
| 14,700.00 | 6,840.00 | 6,691.25 | 6,690.84 | 238.00 | 1.63 | 88.31 | -200.80 | -12,192.52 | 2,695.44 | 2,606.34 | 89.10 | 30.250 | | |
| 14,800.00 | 6,840.00 | 6,691.83 | 6,691.42 | 240.68 | 1.63 | 88.35 | -200.80 | -12,192.52 | 2,599.54 | 2,507.51 | 92.03 | 28.246 | | |
| 14,900.00 | 6,840.00 | 6,692.42 | 6,692.01 | 243.36 | 1.63 | 88.40 | -200.79 | -12,192.53 | 2,503.96 | 2,408.78 | 95.19 | 26.306 | | |
| 15,000.00 | 6,840.00 | 6,693.03 | 6,692.62 | 246.05 | 1.63 | 88.44 | -200.79 | -12,192.53 | 2,408.74 | 2,310.15 | 98.59 | 24.431 | | |
| 15,100.00 | 6,840.00 | 6,693.64 | 6,693.23 | 248.74 | 1.63 | 88.49 | -200.79 | -12,192.54 | 2,313.92 | 2,211.64 | 102.28 | 22.623 | | |
| 15,200.00 | 6,840.00 | 6,694.27 | 6,693.86 | 251.42 | 1.63 | 88.54 | -200.79 | -12,192.54 | 2,219.56 | 2,113.28 | 106.28 | 20.884 | | |
| 15,300.00 | 6,840.00 | 6,694.91 | 6,694.49 | 254.11 | 1.63 | 88.59 | -200.78 | -12,192.55 | 2,125.71 | 2,015.08 | 110.63 | 19.215 | | |
| 15,400.00 | 6,840.00 | 6,695.55 | 6,695.14 | 256.80 | 1.63 | 88.64 | -200.78 | -12,192.55 | 2,032.44 | 1,917.08 | 115.37 | 17.617 | | |
| 15,500.00 | 6,840.00 | 6,696.22 | 6,695.80 | 259.49 | 1.63 | 88.69 | -200.78 | -12,192.56 | 1,939.85 | 1,819.31 | 120.55 | 16.092 | | |
| 15,600.00 | 6,840.00 | 6,696.89 | 6,696.48 | 262.17 | 1.63 | 88.74 | -200.78 | -12,192.56 | 1,848.03 | 1,721.82 | 126.21 | 14.642 | | |
| 15,700.00 | 6,840.00 | 6,697.57 | 6,697.16 | 264.86 | 1.63 | 88.79 | -200.77 | -12,192.57 | 1,757.11 | 1,624.67 | 132.44 | 13.268 | | |
| 15,800.00 | 6,840.00 | 6,698.27 | 6,697.86 | 267.55 | 1.63 | 88.84 | -200.77 | -12,192.57 | 1,667.22 | 1,527.94 | 139.28 | 11.971 | | |
| 15,900.00 | 6,840.00 | 6,698.98 | 6,698.57 | 270.25 | 1.63 | 88.90 | -200.77 | -12,192.58 | 1,578.55 | 1,431.73 | 146.82 | 10.752 | | |
| 16,000.00 | 6,840.00 | 6,699.71 | 6,699.29 | 272.94 | 1.63 | 88.95 | -200.77 | -12,192.59 | 1,491.31 | 1,336.17 | 155.14 | 9.613 | | |
| 16,100.00 | 6,840.00 | 6,700.57 | 6,700.16 | 275.63 | 1.63 | 89.02 | -200.76 | -12,192.59 | 1,405.77 | 1,241.44 | 164.33 | 8.554 | | |
| 16,200.00 | 6,840.00 | 6,701.52 | 6,701.11 | 278.32 | 1.63 | 89.09 | -200.76 | -12,192.60 | 1,322.27 | 1,147.77 | 174.49 | 7.578 | | |
| 16,300.00 | 6,840.00 | 6,702.45 | 6,702.04 | 281.02 | 1.63 | 89.16 | -200.75 | -12,192.61 | 1,241.20 | 1,055.50 | 185.70 | 6.684 | | |
| 16,400.00 | 6,840.00 | 6,703.36 | 6,702.95 | 283.71 | 1.63 | 89.23 | -200.75 | -12,192.62 | 1,163.08 | 965.07 | 198.02 | 5.874 | | |
| 16,500.00 | 6,840.00 | 6,704.27 | 6,703.86 | 286.40 | 1.63 | 89.30 | -200.75 | -12,192.62 | 1,088.55 | 877.09 | 211.46 | 5.148 | | |
| 16,600.00 | 6,840.00 | 6,705.16 | 6,704.75 | 289.10 | 1.63 | 89.37 | -200.74 | -12,192.63 | 1,018.40 | 792.43 | 225.97 | 4.507 | | |
| 16,700.00 | 6,840.00 | 6,706.04 | 6,705.63 | 291.79 | 1.63 | 89.44 | -200.74 | -12,192.64 | 953.58 | 712.25 | 241.33 | 3.951 | | |
| 16,800.00 | 6,840.00 | 6,706.90 | 6,706.49 | 294.49 | 1.63 | 89.50 | -200.74 | -12,192.64 | 895.26 | 638.13 | 257.13 | 3.482 | | |
| 16,900.00 | 6,840.00 | 6,707.76 | 6,707.35 | 297.19 | 1.63 | 89.57 | -200.74 | -12,192.65 | 844.80 | 572.14 | 272.66 | 3.098 | | |
| 17,000.00 | 6,840.00 | 6,708.60 | 6,708.19 | 299.88 | 1.63 | 89.63 | -200.73 | -12,192.66 | 803.65 | 516.78 | 286.88 | 2.801 | | |
| 17,100.00 | 6,840.00 | 6,709.43 | 6,709.02 | 302.58 | 1.63 | 89.70 | -200.73 | -12,192.66 | 773.33 | 474.84 | 298.49 | 2.591 | | |
| 17,200.00 | 6,840.00 | 6,710.25 | 6,709.84 | 305.28 | 1.63 | 89.76 | -200.73 | -12,192.67 | 755.12 | 448.96 | 306.17 | 2.466 | | |
| 17,289.13 | 6,840.00 | 6,710.97 | 6,710.56 | 307.68 | 1.63 | 89.81 | -200.72 | -12,192.68 | 749.84 | 441.01 | 308.84 | 2.428 CC, ES | | |
| 17,300.00 | 6,840.00 | 6,711.06 | 6,710.65 | 307.97 | 1.63 | 89.82 | -200.72 | -12,192.68 | 749.92 | 441.05 | 308.87 | 2.428 SF | | |
| 17,400.00 | 6,840.00 | 6,711.86 | 6,711.44 | 310.67 | 1.63 | 89.88 | -200.72 | -12,192.68 | 758.00 | 451.73 | 306.27 | 2.475 | | |
| 17,500.00 | 6,840.00 | 6,712.64 | 6,712.23 | 313.37 | 1.63 | 89.94 | -200.72 | -12,192.69 | 778.93 | 480.12 | 298.81 | 2.607 | | |
| 17,600.00 | 6,840.00 | 6,713.42 | 6,713.01 | 316.07 | 1.63 | 90.00 | -200.72 | -12,192.69 | 811.73 | 524.17 | 287.56 | 2.823 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT LIBSACK R G 27-10 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 17,700.00 | 6,840.00 | 6,714.19 | 6,713.78 | 318.77 | 1.63 | 90.06 | -200.71 | -12,192.70 | 855.03 | 581.15 | 273.87 | 3.122 | | |
| 17,800.00 | 6,840.00 | 6,714.94 | 6,714.53 | 321.47 | 1.63 | 90.12 | -200.71 | -12,192.71 | 907.33 | 648.33 | 258.99 | 3.503 | | |
| 17,900.00 | 6,840.00 | 6,715.69 | 6,715.28 | 324.17 | 1.63 | 90.17 | -200.71 | -12,192.71 | 967.17 | 723.28 | 243.89 | 3.966 | | |
| 18,000.00 | 6,840.00 | 6,716.43 | 6,716.02 | 326.87 | 1.63 | 90.23 | -200.71 | -12,192.72 | 1,033.24 | 804.01 | 229.22 | 4.508 | | |
| 18,100.00 | 6,840.00 | 6,717.16 | 6,716.74 | 329.57 | 1.63 | 90.29 | -200.71 | -12,192.72 | 1,104.42 | 889.04 | 215.38 | 5.128 | | |
| 18,200.00 | 6,840.00 | 6,717.88 | 6,717.46 | 332.27 | 1.63 | 90.34 | -200.70 | -12,192.73 | 1,179.79 | 977.25 | 202.54 | 5.825 | | |
| 18,300.00 | 6,840.00 | 6,718.58 | 6,718.17 | 334.97 | 1.63 | 90.40 | -200.70 | -12,192.73 | 1,258.60 | 1,067.82 | 190.78 | 6.597 | | |
| 18,400.00 | 6,840.00 | 6,719.29 | 6,718.87 | 337.67 | 1.63 | 90.45 | -200.70 | -12,192.74 | 1,340.24 | 1,160.16 | 180.07 | 7.443 | | |
| 18,500.00 | 6,840.00 | 6,719.98 | 6,719.56 | 340.38 | 1.63 | 90.50 | -200.70 | -12,192.74 | 1,424.22 | 1,253.86 | 170.35 | 8.360 | | |
| 18,600.00 | 6,840.00 | 6,720.66 | 6,720.25 | 343.08 | 1.63 | 90.55 | -200.70 | -12,192.75 | 1,510.15 | 1,348.60 | 161.55 | 9.348 | | |
| 18,700.00 | 6,840.00 | 6,721.34 | 6,720.92 | 345.78 | 1.63 | 90.61 | -200.69 | -12,192.75 | 1,597.72 | 1,444.14 | 153.58 | 10.403 | | |
| 18,800.00 | 6,840.00 | 6,722.00 | 6,721.59 | 348.48 | 1.63 | 90.66 | -200.69 | -12,192.76 | 1,686.68 | 1,540.32 | 146.35 | 11.525 | | |
| 18,900.00 | 6,840.00 | 6,722.66 | 6,722.25 | 351.19 | 1.63 | 90.71 | -200.69 | -12,192.76 | 1,776.80 | 1,637.01 | 139.79 | 12.710 | | |
| 19,000.00 | 6,840.00 | 6,723.31 | 6,722.90 | 353.89 | 1.63 | 90.76 | -200.69 | -12,192.77 | 1,867.94 | 1,734.11 | 133.82 | 13.958 | | |
| 19,100.00 | 6,840.00 | 6,723.95 | 6,723.54 | 356.59 | 1.63 | 90.81 | -200.69 | -12,192.77 | 1,959.93 | 1,831.55 | 128.39 | 15.266 | | |
| 19,200.00 | 6,840.00 | 6,724.59 | 6,724.18 | 359.30 | 1.63 | 90.85 | -200.69 | -12,192.77 | 2,052.68 | 1,929.26 | 123.42 | 16.632 | | |
| 19,300.00 | 6,840.00 | 6,725.22 | 6,724.80 | 362.00 | 1.63 | 90.90 | -200.68 | -12,192.78 | 2,146.08 | 2,027.20 | 118.88 | 18.053 | | |
| 19,400.00 | 6,840.00 | 6,725.84 | 6,725.42 | 364.71 | 1.63 | 90.95 | -200.68 | -12,192.78 | 2,240.05 | 2,125.34 | 114.71 | 19.528 | | |
| 19,500.00 | 6,840.00 | 6,726.45 | 6,726.04 | 367.41 | 1.63 | 91.00 | -200.68 | -12,192.79 | 2,334.51 | 2,223.64 | 110.88 | 21.055 | | |
| 19,600.00 | 6,840.00 | 6,727.06 | 6,726.64 | 370.11 | 1.63 | 91.04 | -200.68 | -12,192.79 | 2,429.43 | 2,322.08 | 107.35 | 22.631 | | |
| 19,700.00 | 6,840.00 | 6,727.65 | 6,727.24 | 372.82 | 1.63 | 91.09 | -200.68 | -12,192.79 | 2,524.73 | 2,420.64 | 104.09 | 24.254 | | |
| 19,800.00 | 6,840.00 | 6,728.25 | 6,727.83 | 375.53 | 1.63 | 91.13 | -200.68 | -12,192.80 | 2,620.38 | 2,519.30 | 101.08 | 25.923 | | |
| 19,900.00 | 6,840.00 | 6,728.83 | 6,728.42 | 378.23 | 1.63 | 91.18 | -200.68 | -12,192.80 | 2,716.35 | 2,618.06 | 98.30 | 27.635 | | |
| 20,000.00 | 6,840.00 | 6,729.41 | 6,729.00 | 380.94 | 1.63 | 91.22 | -200.67 | -12,192.81 | 2,812.60 | 2,716.89 | 95.71 | 29.387 | | |
| 20,100.00 | 6,840.00 | 6,729.98 | 6,729.57 | 383.64 | 1.63 | 91.27 | -200.67 | -12,192.81 | 2,909.10 | 2,815.80 | 93.30 | 31.179 | | |
| 20,200.00 | 6,840.00 | 6,730.55 | 6,730.13 | 386.35 | 1.63 | 91.31 | -200.67 | -12,192.81 | 3,005.83 | 2,914.76 | 91.07 | 33.007 | | |
| 20,300.00 | 6,840.00 | 6,731.10 | 6,730.69 | 389.05 | 1.63 | 91.35 | -200.67 | -12,192.82 | 3,102.77 | 3,013.79 | 88.98 | 34.871 | | |
| 20,400.00 | 6,840.00 | 6,731.66 | 6,731.24 | 391.76 | 1.63 | 91.39 | -200.67 | -12,192.82 | 3,199.89 | 3,112.86 | 87.03 | 36.767 | | |
| 20,442.82 | 6,840.00 | 6,731.89 | 6,731.48 | 392.92 | 1.63 | 91.41 | -200.67 | -12,192.82 | 3,241.53 | 3,155.29 | 86.24 | 37.589 | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT LIBSACK R G 27-15 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 7,300.00 | 6,780.38 | 7,300.00 | 6,858.27 | 51.91 | 2.04 | 6.50 | -1,315.09 | -12,203.25 | 9,994.08 | 9,959.36 | 34.72 | 287.842 | | |
| 7,400.00 | 6,816.56 | 7,012.65 | 7,011.81 | 53.74 | 2.01 | 3.15 | -1,315.16 | -12,199.18 | 9,900.10 | 9,865.28 | 34.82 | 284.343 | | |
| 7,500.00 | 6,836.29 | 7,500.00 | 6,987.31 | 55.65 | 2.06 | -11.70 | -1,315.13 | -12,199.93 | 9,801.64 | 9,766.64 | 35.00 | 280.043 | | |
| 7,600.00 | 6,840.00 | 7,600.00 | 6,988.19 | 57.58 | 2.07 | -126.94 | -1,315.13 | -12,199.90 | 9,701.76 | 9,666.77 | 34.99 | 277.233 | | |
| 7,700.00 | 6,840.00 | 7,700.00 | 6,985.36 | 59.56 | 2.08 | -126.66 | -1,315.13 | -12,199.98 | 9,601.88 | 9,566.91 | 34.96 | 274.619 | | |
| 7,800.00 | 6,840.00 | 7,800.00 | 6,982.53 | 61.60 | 2.10 | -126.37 | -1,315.13 | -12,200.06 | 9,501.99 | 9,467.05 | 34.93 | 271.999 | | |
| 7,900.00 | 6,840.00 | 7,900.00 | 6,979.70 | 63.69 | 2.11 | -126.08 | -1,315.12 | -12,200.14 | 9,402.10 | 9,367.20 | 34.90 | 269.375 | | |
| 8,000.00 | 6,840.00 | 8,000.00 | 6,976.87 | 65.82 | 2.13 | -125.79 | -1,315.12 | -12,200.22 | 9,302.22 | 9,267.35 | 34.87 | 266.747 | | |
| 8,100.00 | 6,840.00 | 7,014.54 | 7,013.70 | 67.99 | 2.01 | -129.42 | -1,315.17 | -12,199.12 | 9,202.37 | 9,167.68 | 34.68 | 265.334 | | |
| 8,200.00 | 6,840.00 | 7,006.21 | 7,005.37 | 70.21 | 2.01 | -128.63 | -1,315.15 | -12,199.39 | 9,102.50 | 9,067.85 | 34.64 | 262.736 | | |
| 8,300.00 | 6,840.00 | 6,998.16 | 6,997.32 | 72.45 | 2.01 | -127.85 | -1,315.13 | -12,199.65 | 9,002.63 | 8,968.02 | 34.61 | 260.131 | | |
| 8,400.00 | 6,840.00 | 6,990.38 | 6,989.54 | 74.73 | 2.00 | -127.08 | -1,315.12 | -12,199.89 | 8,902.76 | 8,868.19 | 34.57 | 257.519 | | |
| 8,500.00 | 6,840.00 | 6,982.85 | 6,982.02 | 77.04 | 2.00 | -126.32 | -1,315.11 | -12,200.12 | 8,802.89 | 8,768.36 | 34.53 | 254.900 | | |
| 8,600.00 | 6,840.00 | 6,975.57 | 6,974.74 | 79.38 | 2.00 | -125.57 | -1,315.10 | -12,200.34 | 8,703.03 | 8,668.53 | 34.50 | 252.274 | | |
| 8,700.00 | 6,840.00 | 6,968.52 | 6,967.69 | 81.74 | 2.00 | -124.83 | -1,315.09 | -12,200.55 | 8,603.16 | 8,568.70 | 34.46 | 249.641 | | |
| 8,800.00 | 6,840.00 | 6,961.69 | 6,960.87 | 84.12 | 2.00 | -124.11 | -1,315.08 | -12,200.75 | 8,503.29 | 8,468.87 | 34.43 | 247.002 | | |
| 8,900.00 | 6,840.00 | 6,955.07 | 6,954.25 | 86.52 | 2.00 | -123.39 | -1,315.08 | -12,200.95 | 8,403.43 | 8,369.04 | 34.39 | 244.355 | | |
| 9,000.00 | 6,840.00 | 6,948.65 | 6,947.84 | 88.94 | 2.00 | -122.68 | -1,315.07 | -12,201.13 | 8,303.56 | 8,269.21 | 34.35 | 241.703 | | |
| 9,100.00 | 6,840.00 | 6,942.42 | 6,941.61 | 91.38 | 2.00 | -121.98 | -1,315.07 | -12,201.30 | 8,203.70 | 8,169.38 | 34.32 | 239.044 | | |
| 9,200.00 | 6,840.00 | 6,936.38 | 6,935.57 | 93.83 | 2.00 | -121.29 | -1,315.07 | -12,201.47 | 8,103.84 | 8,069.55 | 34.28 | 236.378 | | |
| 9,300.00 | 6,840.00 | 9,300.00 | 6,877.27 | 96.30 | 2.42 | -114.13 | -1,315.08 | -12,202.87 | 8,003.97 | 7,969.41 | 34.56 | 231.585 | | |
| 9,400.00 | 6,840.00 | 9,400.00 | 6,875.23 | 98.79 | 2.45 | -113.86 | -1,315.08 | -12,202.91 | 7,904.10 | 7,869.57 | 34.53 | 228.889 | | |
| 9,500.00 | 6,840.00 | 9,500.00 | 6,873.19 | 101.28 | 2.49 | -113.59 | -1,315.08 | -12,202.95 | 7,804.23 | 7,769.72 | 34.50 | 226.189 | | |
| 9,600.00 | 6,840.00 | 9,600.00 | 6,871.15 | 103.79 | 2.52 | -113.32 | -1,315.09 | -12,202.99 | 7,704.36 | 7,669.89 | 34.47 | 223.483 | | |
| 9,700.00 | 6,840.00 | 6,913.69 | 6,912.89 | 106.30 | 2.00 | -118.62 | -1,315.06 | -12,202.07 | 7,604.55 | 7,570.45 | 34.10 | 223.016 | | |
| 9,800.00 | 6,840.00 | 6,905.56 | 6,904.76 | 108.83 | 2.00 | -117.62 | -1,315.07 | -12,202.28 | 7,504.70 | 7,470.63 | 34.07 | 220.272 | | |
| 9,900.00 | 6,840.00 | 6,897.87 | 6,897.07 | 111.37 | 2.00 | -116.67 | -1,315.07 | -12,202.47 | 7,404.85 | 7,370.81 | 34.04 | 217.523 | | |
| 10,000.00 | 6,840.00 | 6,890.59 | 6,889.80 | 113.91 | 1.99 | -115.74 | -1,315.08 | -12,202.65 | 7,305.00 | 7,270.99 | 34.01 | 214.769 | | |
| 10,100.00 | 6,840.00 | 6,883.69 | 6,882.90 | 116.47 | 1.99 | -114.86 | -1,315.08 | -12,202.81 | 7,205.16 | 7,171.17 | 33.98 | 212.010 | | |
| 10,200.00 | 6,840.00 | 6,877.14 | 6,876.35 | 119.03 | 1.99 | -114.00 | -1,315.09 | -12,202.97 | 7,105.31 | 7,071.36 | 33.96 | 209.245 | | |
| 10,300.00 | 6,840.00 | 6,870.91 | 6,870.12 | 121.59 | 1.99 | -113.18 | -1,315.09 | -12,203.11 | 7,005.47 | 6,971.54 | 33.93 | 206.475 | | |
| 10,400.00 | 6,840.00 | 6,864.98 | 6,864.19 | 124.17 | 1.99 | -112.39 | -1,315.09 | -12,203.24 | 6,905.64 | 6,871.73 | 33.90 | 203.698 | | |
| 10,500.00 | 6,840.00 | 6,859.33 | 6,858.54 | 126.75 | 1.99 | -111.63 | -1,315.09 | -12,203.36 | 6,805.80 | 6,771.93 | 33.87 | 200.915 | | |
| 10,600.00 | 6,840.00 | 6,853.93 | 6,853.15 | 129.34 | 1.99 | -110.89 | -1,315.10 | -12,203.47 | 6,705.97 | 6,672.12 | 33.85 | 198.126 | | |
| 10,700.00 | 6,840.00 | 6,848.78 | 6,848.00 | 131.93 | 1.99 | -110.18 | -1,315.10 | -12,203.58 | 6,606.14 | 6,572.32 | 33.82 | 195.329 | | |
| 10,800.00 | 6,840.00 | 6,843.86 | 6,843.08 | 134.53 | 1.99 | -109.50 | -1,315.10 | -12,203.68 | 6,506.31 | 6,472.52 | 33.79 | 192.524 | | |
| 10,900.00 | 6,840.00 | 6,839.14 | 6,838.36 | 137.13 | 1.99 | -108.84 | -1,315.10 | -12,203.77 | 6,406.49 | 6,372.72 | 33.77 | 189.712 | | |
| 11,000.00 | 6,840.00 | 6,834.63 | 6,833.85 | 139.73 | 1.99 | -108.20 | -1,315.11 | -12,203.86 | 6,306.68 | 6,272.93 | 33.75 | 186.891 | | |
| 11,100.00 | 6,840.00 | 6,830.30 | 6,829.52 | 142.35 | 1.99 | -107.58 | -1,315.11 | -12,203.94 | 6,206.86 | 6,173.14 | 33.72 | 184.061 | | |
| 11,200.00 | 6,840.00 | 6,826.14 | 6,825.37 | 144.96 | 1.99 | -106.99 | -1,315.11 | -12,204.01 | 6,107.06 | 6,073.36 | 33.70 | 181.222 | | |
| 11,300.00 | 6,840.00 | 6,822.15 | 6,821.38 | 147.58 | 1.99 | -106.41 | -1,315.11 | -12,204.09 | 6,007.25 | 5,973.58 | 33.68 | 178.373 | | |
| 11,400.00 | 6,840.00 | 6,818.32 | 6,817.54 | 150.20 | 1.99 | -105.85 | -1,315.11 | -12,204.15 | 5,907.46 | 5,873.80 | 33.66 | 175.513 | | |
| 11,500.00 | 6,840.00 | 6,814.63 | 6,813.85 | 152.83 | 1.99 | -105.32 | -1,315.11 | -12,204.22 | 5,807.67 | 5,774.03 | 33.64 | 172.641 | | |
| 11,600.00 | 6,840.00 | 6,811.08 | 6,810.30 | 155.46 | 1.99 | -104.80 | -1,315.12 | -12,204.28 | 5,707.88 | 5,674.26 | 33.62 | 169.757 | | |
| 11,700.00 | 6,840.00 | 6,807.65 | 6,806.88 | 158.09 | 1.99 | -104.29 | -1,315.12 | -12,204.34 | 5,608.10 | 5,574.49 | 33.61 | 166.861 | | |
| 11,800.00 | 6,840.00 | 6,804.35 | 6,803.58 | 160.73 | 1.99 | -103.80 | -1,315.12 | -12,204.39 | 5,508.33 | 5,474.73 | 33.60 | 163.950 | | |
| 11,900.00 | 6,840.00 | 6,801.17 | 6,800.40 | 163.36 | 1.99 | -103.33 | -1,315.12 | -12,204.44 | 5,408.57 | 5,374.98 | 33.59 | 161.025 | | |
| 12,000.00 | 6,840.00 | 6,798.52 | 6,797.75 | 166.01 | 1.99 | -102.94 | -1,315.12 | -12,204.48 | 5,308.81 | 5,275.23 | 33.58 | 158.092 | | |
| 12,100.00 | 6,840.00 | 6,796.19 | 6,795.41 | 168.65 | 1.99 | -102.59 | -1,315.12 | -12,204.52 | 5,209.07 | 5,175.49 | 33.57 | 155.147 | | |
| 12,200.00 | 6,840.00 | 6,793.89 | 6,793.12 | 171.30 | 1.99 | -102.24 | -1,315.12 | -12,204.56 | 5,109.33 | 5,075.75 | 33.57 | 152.184 | | |
| 12,300.00 | 6,840.00 | 6,791.64 | 6,790.86 | 173.94 | 1.98 | -101.90 | -1,315.12 | -12,204.59 | 5,009.60 | 4,976.02 | 33.58 | 149.200 | | |
| 12,400.00 | 6,840.00 | 6,789.43 | 6,788.65 | 176.59 | 1.98 | -101.57 | -1,315.12 | -12,204.62 | 4,909.88 | 4,876.30 | 33.58 | 146.195 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT LIBSACK R G 27-15 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-----------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 12,500.00 | 6,840.00 | 6,787.25 | 6,786.48 | 179.25 | 1.98 | -101.24 | -1,315.12 | -12,204.66 | 4,810.17 | 4,776.58 | 33.60 | 143.166 | | |
| 12,600.00 | 6,840.00 | 6,785.12 | 6,784.35 | 181.90 | 1.98 | -100.92 | -1,315.12 | -12,204.69 | 4,710.48 | 4,676.86 | 33.62 | 140.114 | | |
| 12,700.00 | 6,840.00 | 6,783.03 | 6,782.25 | 184.56 | 1.98 | -100.60 | -1,315.13 | -12,204.72 | 4,610.80 | 4,577.15 | 33.65 | 137.035 | | |
| 12,800.00 | 6,840.00 | 6,780.97 | 6,780.19 | 187.22 | 1.98 | -100.29 | -1,315.13 | -12,204.75 | 4,511.13 | 4,477.45 | 33.68 | 133.928 | | |
| 12,900.00 | 6,840.00 | 6,778.94 | 6,778.17 | 189.88 | 1.98 | -99.98 | -1,315.13 | -12,204.78 | 4,411.47 | 4,377.74 | 33.73 | 130.792 | | |
| 13,000.00 | 6,840.00 | 6,776.95 | 6,776.18 | 192.54 | 1.98 | -99.68 | -1,315.13 | -12,204.81 | 4,311.83 | 4,278.05 | 33.79 | 127.624 | | |
| 13,100.00 | 6,840.00 | 6,775.00 | 6,774.23 | 195.20 | 1.98 | -99.38 | -1,315.13 | -12,204.84 | 4,212.21 | 4,178.36 | 33.85 | 124.423 | | |
| 13,200.00 | 6,840.00 | 6,773.08 | 6,772.30 | 197.87 | 1.98 | -99.09 | -1,315.13 | -12,204.86 | 4,112.61 | 4,078.67 | 33.94 | 121.186 | | |
| 13,300.00 | 6,840.00 | 6,771.19 | 6,770.41 | 200.53 | 1.98 | -98.80 | -1,315.13 | -12,204.89 | 4,013.02 | 3,978.99 | 34.03 | 117.911 | | |
| 13,400.00 | 6,840.00 | 6,769.33 | 6,768.55 | 203.20 | 1.98 | -98.51 | -1,315.13 | -12,204.92 | 3,913.45 | 3,879.30 | 34.15 | 114.596 | | |
| 13,500.00 | 6,840.00 | 6,767.50 | 6,766.73 | 205.87 | 1.98 | -98.23 | -1,315.13 | -12,204.94 | 3,813.91 | 3,779.62 | 34.29 | 111.239 | | |
| 13,600.00 | 6,840.00 | 6,765.70 | 6,764.93 | 208.54 | 1.98 | -97.95 | -1,315.13 | -12,204.97 | 3,714.39 | 3,679.95 | 34.44 | 107.838 | | |
| 13,700.00 | 6,840.00 | 6,763.93 | 6,763.16 | 211.22 | 1.98 | -97.68 | -1,315.13 | -12,204.99 | 3,614.90 | 3,580.27 | 34.63 | 104.392 | | |
| 13,800.00 | 6,840.00 | 6,762.19 | 6,761.42 | 213.89 | 1.98 | -97.41 | -1,315.14 | -12,205.01 | 3,515.43 | 3,480.59 | 34.84 | 100.897 | | |
| 13,900.00 | 6,840.00 | 6,760.48 | 6,759.71 | 216.56 | 1.98 | -97.14 | -1,315.14 | -12,205.04 | 3,415.99 | 3,380.90 | 35.09 | 97.353 | | |
| 14,000.00 | 6,840.00 | 6,758.79 | 6,758.02 | 219.24 | 1.98 | -96.88 | -1,315.14 | -12,205.06 | 3,316.59 | 3,281.22 | 35.37 | 93.760 | | |
| 14,100.00 | 6,840.00 | 6,757.13 | 6,756.36 | 221.92 | 1.98 | -96.63 | -1,315.14 | -12,205.08 | 3,217.22 | 3,181.52 | 35.70 | 90.115 | | |
| 14,200.00 | 6,840.00 | 6,755.50 | 6,754.73 | 224.59 | 1.98 | -96.37 | -1,315.14 | -12,205.10 | 3,117.90 | 3,081.82 | 36.08 | 86.419 | | |
| 14,300.00 | 6,840.00 | 6,753.89 | 6,753.12 | 227.27 | 1.98 | -96.12 | -1,315.14 | -12,205.12 | 3,018.61 | 2,982.10 | 36.51 | 82.674 | | |
| 14,400.00 | 6,840.00 | 6,752.30 | 6,751.53 | 229.95 | 1.98 | -95.88 | -1,315.14 | -12,205.15 | 2,919.38 | 2,882.37 | 37.01 | 78.881 | | |
| 14,500.00 | 6,840.00 | 6,750.74 | 6,749.97 | 232.63 | 1.98 | -95.63 | -1,315.14 | -12,205.17 | 2,820.20 | 2,782.62 | 37.58 | 75.044 | | |
| 14,600.00 | 6,840.00 | 6,749.21 | 6,748.44 | 235.31 | 1.98 | -95.40 | -1,315.14 | -12,205.19 | 2,721.08 | 2,682.84 | 38.24 | 71.167 | | |
| 14,700.00 | 6,840.00 | 6,747.69 | 6,746.92 | 238.00 | 1.98 | -95.16 | -1,315.14 | -12,205.20 | 2,622.02 | 2,583.04 | 38.99 | 67.255 | | |
| 14,800.00 | 6,840.00 | 6,746.20 | 6,745.43 | 240.68 | 1.98 | -94.93 | -1,315.14 | -12,205.22 | 2,523.04 | 2,483.19 | 39.85 | 63.318 | | |
| 14,900.00 | 6,840.00 | 6,744.73 | 6,743.96 | 243.36 | 1.98 | -94.70 | -1,315.14 | -12,205.24 | 2,424.14 | 2,383.31 | 40.83 | 59.366 | | |
| 15,000.00 | 6,840.00 | 6,743.29 | 6,742.52 | 246.05 | 1.98 | -94.47 | -1,315.15 | -12,205.26 | 2,325.33 | 2,283.37 | 41.97 | 55.409 | | |
| 15,100.00 | 6,840.00 | 6,741.86 | 6,741.09 | 248.74 | 1.98 | -94.25 | -1,315.15 | -12,205.28 | 2,226.63 | 2,183.37 | 43.27 | 51.463 | | |
| 15,200.00 | 6,840.00 | 6,740.45 | 6,739.69 | 251.42 | 1.98 | -94.03 | -1,315.15 | -12,205.29 | 2,128.05 | 2,083.29 | 44.76 | 47.544 | | |
| 15,300.00 | 6,840.00 | 6,739.07 | 6,738.30 | 254.11 | 1.98 | -93.81 | -1,315.15 | -12,205.31 | 2,029.61 | 1,983.14 | 46.48 | 43.669 | | |
| 15,400.00 | 6,840.00 | 6,737.70 | 6,736.93 | 256.80 | 1.98 | -93.60 | -1,315.15 | -12,205.33 | 1,931.33 | 1,882.88 | 48.45 | 39.859 | | |
| 15,500.00 | 6,840.00 | 6,736.36 | 6,735.59 | 259.49 | 1.98 | -93.39 | -1,315.15 | -12,205.34 | 1,833.23 | 1,782.50 | 50.73 | 36.134 | | |
| 15,600.00 | 6,840.00 | 6,735.03 | 6,734.26 | 262.17 | 1.98 | -93.18 | -1,315.15 | -12,205.36 | 1,735.35 | 1,681.98 | 53.37 | 32.515 | | |
| 15,700.00 | 6,840.00 | 6,733.72 | 6,732.95 | 264.86 | 1.98 | -92.97 | -1,315.15 | -12,205.37 | 1,637.73 | 1,581.30 | 56.42 | 29.025 | | |
| 15,800.00 | 6,840.00 | 6,732.43 | 6,731.66 | 267.55 | 1.98 | -92.77 | -1,315.15 | -12,205.39 | 1,540.40 | 1,480.43 | 59.97 | 25.685 | | |
| 15,900.00 | 6,840.00 | 6,731.15 | 6,730.39 | 270.25 | 1.98 | -92.57 | -1,315.15 | -12,205.40 | 1,443.45 | 1,379.33 | 64.11 | 22.514 | | |
| 16,000.00 | 6,840.00 | 6,729.90 | 6,729.13 | 272.94 | 1.98 | -92.38 | -1,315.15 | -12,205.42 | 1,346.93 | 1,277.97 | 68.96 | 19.531 | | |
| 16,100.00 | 6,840.00 | 6,728.66 | 6,727.89 | 275.63 | 1.98 | -92.18 | -1,315.15 | -12,205.43 | 1,250.97 | 1,176.29 | 74.68 | 16.751 | | |
| 16,200.00 | 6,840.00 | 6,727.44 | 6,726.67 | 278.32 | 1.98 | -91.99 | -1,315.15 | -12,205.45 | 1,155.68 | 1,074.23 | 81.45 | 14.188 | | |
| 16,300.00 | 6,840.00 | 6,726.23 | 6,725.46 | 281.02 | 1.98 | -91.80 | -1,315.16 | -12,205.46 | 1,061.27 | 971.73 | 89.54 | 11.852 | | |
| 16,400.00 | 6,840.00 | 6,725.04 | 6,724.27 | 283.71 | 1.98 | -91.61 | -1,315.16 | -12,205.47 | 967.97 | 868.70 | 99.27 | 9.751 | | |
| 16,500.00 | 6,840.00 | 6,723.87 | 6,723.10 | 286.40 | 1.98 | -91.43 | -1,315.16 | -12,205.49 | 876.15 | 765.07 | 111.09 | 7.887 | | |
| 16,600.00 | 6,840.00 | 6,722.71 | 6,721.94 | 289.10 | 1.98 | -91.25 | -1,315.16 | -12,205.50 | 786.33 | 660.78 | 125.56 | 6.263 | | |
| 16,700.00 | 6,840.00 | 6,721.56 | 6,720.79 | 291.79 | 1.98 | -91.07 | -1,315.16 | -12,205.51 | 699.28 | 555.86 | 143.42 | 4.876 | | |
| 16,800.00 | 6,840.00 | 6,720.43 | 6,719.67 | 294.49 | 1.98 | -90.89 | -1,315.16 | -12,205.52 | 616.17 | 450.60 | 165.56 | 3.722 | | |
| 16,900.00 | 6,840.00 | 6,719.32 | 6,718.55 | 297.19 | 1.98 | -90.72 | -1,315.16 | -12,205.54 | 538.82 | 346.01 | 192.81 | 2.795 | | |
| 17,000.00 | 6,840.00 | 6,718.22 | 6,717.45 | 299.88 | 1.98 | -90.54 | -1,315.16 | -12,205.55 | 470.10 | 244.79 | 225.31 | 2.086 | | |
| 17,100.00 | 6,840.00 | 6,717.13 | 6,716.36 | 302.58 | 1.98 | -90.37 | -1,315.16 | -12,205.56 | 414.32 | 153.40 | 260.91 | 1.588 | | |
| 17,200.00 | 6,840.00 | 6,716.06 | 6,715.29 | 305.28 | 1.98 | -90.20 | -1,315.16 | -12,205.57 | 377.25 | 84.51 | 292.74 | 1.289 Level 3 | | |
| 17,296.71 | 6,840.00 | 6,715.04 | 6,714.27 | 307.89 | 1.98 | -90.04 | -1,315.16 | -12,205.58 | 364.65 | 55.19 | 309.45 | 1.178 Level 2, CC | | |
| 17,300.00 | 6,840.00 | 6,715.00 | 6,714.23 | 307.97 | 1.98 | -90.04 | -1,315.16 | -12,205.58 | 364.66 | 54.99 | 309.67 | 1.178 Level 2, ES, SF | | |
| 17,400.00 | 6,840.00 | 6,713.95 | 6,713.19 | 310.67 | 1.98 | -89.87 | -1,315.16 | -12,205.59 | 378.99 | 74.07 | 304.92 | 1.243 Level 2 | | |
| 17,500.00 | 6,840.00 | 6,712.92 | 6,712.15 | 313.37 | 1.98 | -89.71 | -1,315.16 | -12,205.60 | 417.48 | 134.01 | 283.47 | 1.473 Level 3 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT LIBSACK R G 27-15 GYRO - OWB - GYRO | | | | | | | | | | | Offset Site Error: | | 0.00 usft | |
|-------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|-----------|--|
| Survey Program: 100-GYD_CT | | | | | | | | | | | Offset Well Error: | | 0.00 usft | |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 17,600.00 | 6,840.00 | 6,711.90 | 6,711.13 | 316.07 | 1.98 | -89.55 | -1,315.16 | -12,205.61 | 474.28 | 218.64 | 255.64 | 1.855 | | |
| 17,700.00 | 6,840.00 | 6,710.89 | 6,710.13 | 318.77 | 1.98 | -89.39 | -1,315.17 | -12,205.63 | 543.68 | 315.12 | 228.56 | 2.379 | | |
| 17,800.00 | 6,840.00 | 6,709.90 | 6,709.13 | 321.47 | 1.98 | -89.23 | -1,315.17 | -12,205.64 | 621.48 | 416.51 | 204.97 | 3.032 | | |
| 17,900.00 | 6,840.00 | 6,709.17 | 6,708.41 | 324.17 | 1.98 | -89.12 | -1,315.17 | -12,205.64 | 704.90 | 519.63 | 185.27 | 3.805 | | |
| 18,000.00 | 6,840.00 | 6,708.20 | 6,707.43 | 326.87 | 1.98 | -88.97 | -1,315.17 | -12,205.65 | 792.16 | 623.13 | 169.03 | 4.687 | | |
| 18,100.00 | 6,840.00 | 6,707.23 | 6,706.46 | 329.57 | 1.98 | -88.82 | -1,315.17 | -12,205.66 | 882.14 | 726.51 | 155.62 | 5.668 | | |
| 18,200.00 | 6,840.00 | 6,706.27 | 6,705.50 | 332.27 | 1.98 | -88.66 | -1,315.17 | -12,205.67 | 974.07 | 829.58 | 144.48 | 6.742 | | |
| 18,300.00 | 6,840.00 | 6,705.31 | 6,704.54 | 334.97 | 1.98 | -88.51 | -1,315.17 | -12,205.68 | 1,067.45 | 932.30 | 135.15 | 7.898 | | |
| 18,400.00 | 6,840.00 | 6,704.36 | 6,703.59 | 337.67 | 1.98 | -88.36 | -1,315.17 | -12,205.69 | 1,161.93 | 1,034.68 | 127.25 | 9.131 | | |
| 18,500.00 | 6,840.00 | 6,703.41 | 6,702.64 | 340.38 | 1.98 | -88.22 | -1,315.17 | -12,205.70 | 1,257.26 | 1,136.75 | 120.51 | 10.433 | | |
| 18,600.00 | 6,840.00 | 6,702.47 | 6,701.70 | 343.08 | 1.98 | -88.07 | -1,315.17 | -12,205.71 | 1,353.27 | 1,238.56 | 114.71 | 11.797 | | |
| 18,700.00 | 6,840.00 | 6,701.53 | 6,700.76 | 345.78 | 1.98 | -87.92 | -1,315.17 | -12,205.72 | 1,449.82 | 1,340.14 | 109.68 | 13.219 | | |
| 18,800.00 | 6,840.00 | 6,700.60 | 6,699.83 | 348.48 | 1.98 | -87.78 | -1,315.17 | -12,205.73 | 1,546.80 | 1,441.53 | 105.27 | 14.693 | | |
| 18,900.00 | 6,840.00 | 6,699.67 | 6,698.91 | 351.19 | 1.98 | -87.63 | -1,315.17 | -12,205.74 | 1,644.15 | 1,542.75 | 101.40 | 16.214 | | |
| 19,000.00 | 6,840.00 | 6,698.75 | 6,697.99 | 353.89 | 1.98 | -87.49 | -1,315.17 | -12,205.75 | 1,741.80 | 1,643.83 | 97.97 | 17.778 | | |
| 19,100.00 | 6,840.00 | 6,697.84 | 6,697.07 | 356.59 | 1.98 | -87.34 | -1,315.18 | -12,205.75 | 1,839.70 | 1,744.78 | 94.92 | 19.381 | | |
| 19,200.00 | 6,840.00 | 6,696.93 | 6,696.16 | 359.30 | 1.98 | -87.20 | -1,315.18 | -12,205.76 | 1,937.81 | 1,845.62 | 92.19 | 21.020 | | |
| 19,300.00 | 6,840.00 | 6,696.02 | 6,695.26 | 362.00 | 1.98 | -87.06 | -1,315.18 | -12,205.77 | 2,036.11 | 1,946.37 | 89.74 | 22.690 | | |
| 19,400.00 | 6,840.00 | 6,695.12 | 6,694.35 | 364.71 | 1.98 | -86.92 | -1,315.18 | -12,205.78 | 2,134.56 | 2,047.04 | 87.52 | 24.388 | | |
| 19,500.00 | 6,840.00 | 6,694.23 | 6,693.46 | 367.41 | 1.98 | -86.78 | -1,315.18 | -12,205.79 | 2,233.15 | 2,147.63 | 85.52 | 26.113 | | |
| 19,600.00 | 6,840.00 | 6,693.34 | 6,692.57 | 370.11 | 1.98 | -86.64 | -1,315.18 | -12,205.80 | 2,331.86 | 2,248.17 | 83.69 | 27.862 | | |
| 19,700.00 | 6,840.00 | 6,692.45 | 6,691.68 | 372.82 | 1.98 | -86.50 | -1,315.18 | -12,205.81 | 2,430.68 | 2,348.65 | 82.03 | 29.631 | | |
| 19,800.00 | 6,840.00 | 6,691.57 | 6,690.80 | 375.53 | 1.98 | -86.36 | -1,315.18 | -12,205.81 | 2,529.58 | 2,449.08 | 80.51 | 31.420 | | |
| 19,900.00 | 6,840.00 | 6,690.69 | 6,689.93 | 378.23 | 1.98 | -86.22 | -1,315.18 | -12,205.82 | 2,628.58 | 2,549.46 | 79.11 | 33.225 | | |
| 20,000.00 | 6,840.00 | 6,689.82 | 6,689.06 | 380.94 | 1.98 | -86.09 | -1,315.18 | -12,205.83 | 2,727.64 | 2,649.81 | 77.83 | 35.046 | | |
| 20,100.00 | 6,840.00 | 6,688.96 | 6,688.19 | 383.64 | 1.97 | -85.95 | -1,315.18 | -12,205.84 | 2,826.77 | 2,750.12 | 76.65 | 36.881 | | |
| 20,200.00 | 6,840.00 | 6,688.09 | 6,687.33 | 386.35 | 1.97 | -85.82 | -1,315.18 | -12,205.85 | 2,925.96 | 2,850.41 | 75.55 | 38.728 | | |
| 20,300.00 | 6,840.00 | 6,687.24 | 6,686.47 | 389.05 | 1.97 | -85.68 | -1,315.18 | -12,205.85 | 3,025.20 | 2,950.66 | 74.54 | 40.585 | | |
| 20,400.00 | 6,840.00 | 6,686.38 | 6,685.62 | 391.76 | 1.97 | -85.55 | -1,315.18 | -12,205.86 | 3,124.49 | 3,050.89 | 73.60 | 42.452 | | |
| 20,442.82 | 6,840.00 | 6,686.02 | 6,685.25 | 392.92 | 1.97 | -85.49 | -1,315.18 | -12,205.87 | 3,167.02 | 3,093.80 | 73.22 | 43.254 | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT OSTER 21-27 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 9,200.00 | 6,840.00 | 6,835.86 | 6,834.59 | 93.83 | 1.78 | 91.66 | 2,659.14 | -13,391.15 | 9,975.60 | 9,917.72 | 57.88 | 172.355 | | |
| 9,300.00 | 6,840.00 | 6,835.04 | 6,833.77 | 96.30 | 1.78 | 91.65 | 2,659.14 | -13,391.16 | 9,882.43 | 9,823.51 | 58.92 | 167.727 | | |
| 9,400.00 | 6,840.00 | 6,834.22 | 6,832.94 | 98.79 | 1.78 | 91.64 | 2,659.14 | -13,391.17 | 9,789.39 | 9,729.40 | 59.99 | 163.186 | | |
| 9,500.00 | 6,840.00 | 6,833.38 | 6,832.11 | 101.28 | 1.78 | 91.62 | 2,659.14 | -13,391.18 | 9,696.49 | 9,635.40 | 61.09 | 158.731 | | |
| 9,600.00 | 6,840.00 | 6,832.55 | 6,831.28 | 103.79 | 1.78 | 91.61 | 2,659.14 | -13,391.19 | 9,603.73 | 9,541.51 | 62.21 | 154.364 | | |
| 9,700.00 | 6,840.00 | 6,831.71 | 6,830.44 | 106.30 | 1.78 | 91.60 | 2,659.14 | -13,391.20 | 9,511.12 | 9,447.74 | 63.37 | 150.083 | | |
| 9,800.00 | 6,840.00 | 6,830.86 | 6,829.59 | 108.83 | 1.78 | 91.58 | 2,659.14 | -13,391.21 | 9,418.65 | 9,354.09 | 64.56 | 145.890 | | |
| 9,900.00 | 6,840.00 | 6,830.01 | 6,828.74 | 111.37 | 1.78 | 91.57 | 2,659.14 | -13,391.22 | 9,326.35 | 9,260.57 | 65.78 | 141.784 | | |
| 10,000.00 | 6,840.00 | 6,829.15 | 6,827.88 | 113.91 | 1.78 | 91.56 | 2,659.14 | -13,391.23 | 9,234.20 | 9,167.18 | 67.03 | 137.766 | | |
| 10,100.00 | 6,840.00 | 6,828.29 | 6,827.02 | 116.47 | 1.78 | 91.54 | 2,659.14 | -13,391.24 | 9,142.22 | 9,073.91 | 68.31 | 133.834 | | |
| 10,200.00 | 6,840.00 | 6,827.43 | 6,826.16 | 119.03 | 1.78 | 91.53 | 2,659.14 | -13,391.25 | 9,050.41 | 8,980.79 | 69.62 | 129.988 | | |
| 10,300.00 | 6,840.00 | 6,826.56 | 6,825.28 | 121.59 | 1.78 | 91.51 | 2,659.14 | -13,391.26 | 8,958.78 | 8,887.81 | 70.97 | 126.228 | | |
| 10,400.00 | 6,840.00 | 6,825.68 | 6,824.41 | 124.17 | 1.78 | 91.50 | 2,659.14 | -13,391.27 | 8,867.32 | 8,794.97 | 72.35 | 122.553 | | |
| 10,500.00 | 6,840.00 | 6,824.80 | 6,823.53 | 126.75 | 1.78 | 91.49 | 2,659.14 | -13,391.28 | 8,776.06 | 8,702.29 | 73.77 | 118.962 | | |
| 10,600.00 | 6,840.00 | 6,823.91 | 6,822.64 | 129.34 | 1.78 | 91.47 | 2,659.14 | -13,391.29 | 8,684.98 | 8,609.76 | 75.22 | 115.455 | | |
| 10,700.00 | 6,840.00 | 6,823.02 | 6,821.75 | 131.93 | 1.78 | 91.46 | 2,659.14 | -13,391.31 | 8,594.10 | 8,517.39 | 76.71 | 112.030 | | |
| 10,800.00 | 6,840.00 | 6,822.12 | 6,820.85 | 134.53 | 1.78 | 91.44 | 2,659.13 | -13,391.32 | 8,503.43 | 8,425.19 | 78.24 | 108.687 | | |
| 10,900.00 | 6,840.00 | 6,821.22 | 6,819.94 | 137.13 | 1.78 | 91.43 | 2,659.13 | -13,391.33 | 8,412.97 | 8,333.17 | 79.80 | 105.424 | | |
| 11,000.00 | 6,840.00 | 6,820.31 | 6,819.04 | 139.73 | 1.78 | 91.42 | 2,659.13 | -13,391.34 | 8,322.73 | 8,241.32 | 81.40 | 102.240 | | |
| 11,100.00 | 6,840.00 | 6,819.39 | 6,818.12 | 142.35 | 1.78 | 91.40 | 2,659.13 | -13,391.35 | 8,232.71 | 8,149.66 | 83.05 | 99.135 | | |
| 11,200.00 | 6,840.00 | 6,818.47 | 6,817.20 | 144.96 | 1.78 | 91.39 | 2,659.13 | -13,391.36 | 8,142.92 | 8,058.20 | 84.73 | 96.107 | | |
| 11,300.00 | 6,840.00 | 6,817.55 | 6,816.27 | 147.58 | 1.78 | 91.37 | 2,659.13 | -13,391.37 | 8,053.38 | 7,966.93 | 86.45 | 93.156 | | |
| 11,400.00 | 6,840.00 | 6,816.61 | 6,815.34 | 150.20 | 1.78 | 91.36 | 2,659.13 | -13,391.38 | 7,964.08 | 7,875.87 | 88.22 | 90.278 | | |
| 11,500.00 | 6,840.00 | 6,815.68 | 6,814.41 | 152.83 | 1.78 | 91.34 | 2,659.13 | -13,391.39 | 7,875.04 | 7,785.02 | 90.03 | 87.475 | | |
| 11,600.00 | 6,840.00 | 6,814.73 | 6,813.46 | 155.46 | 1.78 | 91.33 | 2,659.13 | -13,391.41 | 7,786.27 | 7,694.39 | 91.88 | 84.744 | | |
| 11,700.00 | 6,840.00 | 6,813.78 | 6,812.51 | 158.09 | 1.78 | 91.31 | 2,659.13 | -13,391.42 | 7,697.77 | 7,603.99 | 93.78 | 82.084 | | |
| 11,800.00 | 6,840.00 | 6,812.83 | 6,811.56 | 160.73 | 1.78 | 91.30 | 2,659.13 | -13,391.43 | 7,609.56 | 7,513.84 | 95.72 | 79.494 | | |
| 11,900.00 | 6,840.00 | 6,811.87 | 6,810.60 | 163.36 | 1.78 | 91.28 | 2,659.13 | -13,391.44 | 7,521.64 | 7,423.92 | 97.72 | 76.973 | | |
| 12,000.00 | 6,840.00 | 6,810.92 | 6,809.65 | 166.01 | 1.78 | 91.27 | 2,659.13 | -13,391.45 | 7,434.03 | 7,334.27 | 99.76 | 74.521 | | |
| 12,100.00 | 6,840.00 | 6,810.00 | 6,808.73 | 168.65 | 1.78 | 91.26 | 2,659.13 | -13,391.46 | 7,346.73 | 7,244.88 | 101.85 | 72.133 | | |
| 12,200.00 | 6,840.00 | 6,809.08 | 6,807.81 | 171.30 | 1.78 | 91.25 | 2,659.13 | -13,391.47 | 7,259.76 | 7,155.77 | 103.99 | 69.809 | | |
| 12,300.00 | 6,840.00 | 6,808.16 | 6,806.89 | 173.94 | 1.78 | 91.24 | 2,659.13 | -13,391.48 | 7,173.13 | 7,066.94 | 106.19 | 67.550 | | |
| 12,400.00 | 6,840.00 | 6,807.24 | 6,805.97 | 176.59 | 1.78 | 91.23 | 2,659.13 | -13,391.49 | 7,086.86 | 6,978.42 | 108.44 | 65.352 | | |
| 12,500.00 | 6,840.00 | 6,806.32 | 6,805.05 | 179.25 | 1.78 | 91.22 | 2,659.13 | -13,391.50 | 7,000.94 | 6,890.20 | 110.75 | 63.216 | | |
| 12,600.00 | 6,840.00 | 6,805.40 | 6,804.13 | 181.90 | 1.78 | 91.21 | 2,659.13 | -13,391.51 | 6,915.41 | 6,802.30 | 113.11 | 61.140 | | |
| 12,700.00 | 6,840.00 | 6,804.48 | 6,803.21 | 184.56 | 1.78 | 91.20 | 2,659.13 | -13,391.52 | 6,830.27 | 6,714.74 | 115.53 | 59.123 | | |
| 12,800.00 | 6,840.00 | 6,803.56 | 6,802.29 | 187.22 | 1.78 | 91.19 | 2,659.13 | -13,391.53 | 6,745.54 | 6,627.53 | 118.00 | 57.163 | | |
| 12,900.00 | 6,840.00 | 6,802.64 | 6,801.37 | 189.88 | 1.78 | 91.18 | 2,659.13 | -13,391.54 | 6,661.23 | 6,540.68 | 120.54 | 55.260 | | |
| 13,000.00 | 6,840.00 | 6,801.72 | 6,799.45 | 192.54 | 1.78 | 91.17 | 2,659.13 | -13,391.55 | 6,577.35 | 6,454.21 | 123.14 | 53.412 | | |
| 13,100.00 | 6,840.00 | 6,799.80 | 6,797.53 | 195.20 | 1.78 | 91.16 | 2,659.13 | -13,391.56 | 6,493.94 | 6,368.13 | 125.81 | 51.618 | | |
| 13,200.00 | 6,840.00 | 6,797.88 | 6,795.61 | 197.87 | 1.78 | 91.15 | 2,659.13 | -13,391.57 | 6,411.00 | 6,282.46 | 128.54 | 49.877 | | |
| 13,300.00 | 6,840.00 | 6,795.96 | 6,793.69 | 200.53 | 1.78 | 91.14 | 2,659.13 | -13,391.58 | 6,328.55 | 6,197.22 | 131.33 | 48.188 | | |
| 13,400.00 | 6,840.00 | 6,794.04 | 6,791.77 | 203.20 | 1.78 | 91.13 | 2,659.13 | -13,391.59 | 6,246.62 | 6,112.42 | 134.19 | 46.549 | | |
| 13,500.00 | 6,840.00 | 6,792.12 | 6,789.85 | 205.87 | 1.78 | 91.12 | 2,659.13 | -13,391.60 | 6,165.22 | 6,028.09 | 137.13 | 44.960 | | |
| 13,600.00 | 6,840.00 | 6,790.20 | 6,787.93 | 208.54 | 1.78 | 91.11 | 2,659.13 | -13,391.61 | 6,084.37 | 5,944.24 | 140.13 | 43.420 | | |
| 13,700.00 | 6,840.00 | 6,788.28 | 6,786.01 | 211.22 | 1.78 | 91.10 | 2,659.12 | -13,391.62 | 6,004.10 | 5,860.90 | 143.20 | 41.928 | | |
| 13,800.00 | 6,840.00 | 6,786.36 | 6,784.09 | 213.89 | 1.78 | 91.09 | 2,659.12 | -13,391.63 | 5,924.42 | 5,778.08 | 146.35 | 40.482 | | |
| 13,900.00 | 6,840.00 | 6,784.44 | 6,782.17 | 216.56 | 1.78 | 91.08 | 2,659.12 | -13,391.64 | 5,845.38 | 5,695.81 | 149.57 | 39.081 | | |
| 14,000.00 | 6,840.00 | 6,782.52 | 6,780.25 | 219.24 | 1.78 | 91.07 | 2,659.12 | -13,391.65 | 5,766.98 | 5,614.12 | 152.87 | 37.726 | | |
| 14,100.00 | 6,840.00 | 6,780.60 | 6,778.33 | 221.92 | 1.78 | 91.06 | 2,659.12 | -13,391.66 | 5,689.26 | 5,533.02 | 156.24 | 36.414 | | |
| 14,200.00 | 6,840.00 | 6,778.68 | 6,776.41 | 224.59 | 1.78 | 91.05 | 2,659.12 | -13,391.67 | 5,612.25 | 5,452.56 | 159.69 | 35.144 | | |
| 14,300.00 | 6,840.00 | 6,776.76 | 6,774.49 | 227.27 | 1.78 | 91.04 | 2,659.12 | -13,391.68 | 5,535.97 | 5,372.75 | 163.22 | 33.917 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT OSTER 21-27 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 14,400.00 | 6,840.00 | 6,781.70 | 6,780.43 | 229.95 | 1.78 | 90.80 | 2,659.12 | -13,391.83 | 5,460.46 | 5,293.62 | 166.83 | 32.730 | | |
| 14,500.00 | 6,840.00 | 6,780.33 | 6,779.07 | 232.63 | 1.78 | 90.78 | 2,659.12 | -13,391.84 | 5,385.74 | 5,215.22 | 170.52 | 31.584 | | |
| 14,600.00 | 6,840.00 | 6,778.97 | 6,777.70 | 235.31 | 1.78 | 90.76 | 2,659.12 | -13,391.86 | 5,311.85 | 5,137.56 | 174.29 | 30.476 | | |
| 14,700.00 | 6,840.00 | 6,777.61 | 6,776.35 | 238.00 | 1.78 | 90.74 | 2,659.12 | -13,391.88 | 5,238.84 | 5,060.69 | 178.15 | 29.407 | | |
| 14,800.00 | 6,840.00 | 6,776.26 | 6,774.99 | 240.68 | 1.78 | 90.72 | 2,659.12 | -13,391.89 | 5,166.72 | 4,984.64 | 182.08 | 28.376 | | |
| 14,900.00 | 6,840.00 | 6,774.91 | 6,773.64 | 243.36 | 1.78 | 90.69 | 2,659.12 | -13,391.91 | 5,095.55 | 4,909.45 | 186.10 | 27.381 | | |
| 15,000.00 | 6,840.00 | 6,773.56 | 6,772.30 | 246.05 | 1.78 | 90.67 | 2,659.12 | -13,391.93 | 5,025.36 | 4,835.16 | 190.20 | 26.422 | | |
| 15,100.00 | 6,840.00 | 6,772.22 | 6,770.95 | 248.74 | 1.78 | 90.65 | 2,659.12 | -13,391.95 | 4,956.19 | 4,761.82 | 194.37 | 25.498 | | |
| 15,200.00 | 6,840.00 | 6,770.88 | 6,769.61 | 251.42 | 1.78 | 90.63 | 2,659.12 | -13,391.96 | 4,888.09 | 4,689.46 | 198.63 | 24.609 | | |
| 15,300.00 | 6,840.00 | 6,769.54 | 6,768.28 | 254.11 | 1.78 | 90.61 | 2,659.12 | -13,391.98 | 4,821.10 | 4,618.13 | 202.96 | 23.753 | | |
| 15,400.00 | 6,840.00 | 6,768.21 | 6,766.95 | 256.80 | 1.78 | 90.59 | 2,659.12 | -13,392.00 | 4,755.27 | 4,547.89 | 207.37 | 22.931 | | |
| 15,500.00 | 6,840.00 | 6,766.88 | 6,765.62 | 259.49 | 1.78 | 90.57 | 2,659.12 | -13,392.01 | 4,690.64 | 4,478.79 | 211.86 | 22.140 | | |
| 15,600.00 | 6,840.00 | 6,765.56 | 6,764.29 | 262.17 | 1.78 | 90.55 | 2,659.11 | -13,392.03 | 4,627.28 | 4,410.87 | 216.41 | 21.382 | | |
| 15,700.00 | 6,840.00 | 6,764.24 | 6,762.97 | 264.86 | 1.78 | 90.52 | 2,659.11 | -13,392.05 | 4,565.23 | 4,344.19 | 221.04 | 20.654 | | |
| 15,800.00 | 6,840.00 | 6,762.92 | 6,761.65 | 267.55 | 1.78 | 90.50 | 2,659.11 | -13,392.06 | 4,504.54 | 4,278.82 | 225.72 | 19.956 | | |
| 15,900.00 | 6,840.00 | 6,761.60 | 6,760.34 | 270.25 | 1.78 | 90.48 | 2,659.11 | -13,392.08 | 4,445.27 | 4,214.80 | 230.47 | 19.288 | | |
| 16,000.00 | 6,840.00 | 6,760.29 | 6,759.03 | 272.94 | 1.78 | 90.46 | 2,659.11 | -13,392.09 | 4,387.48 | 4,152.22 | 235.27 | 18.649 | | |
| 16,100.00 | 6,840.00 | 6,758.98 | 6,757.72 | 275.63 | 1.78 | 90.44 | 2,659.11 | -13,392.11 | 4,331.23 | 4,091.12 | 240.11 | 18.038 | | |
| 16,200.00 | 6,840.00 | 6,757.68 | 6,756.41 | 278.32 | 1.78 | 90.42 | 2,659.11 | -13,392.13 | 4,276.58 | 4,031.58 | 245.00 | 17.456 | | |
| 16,300.00 | 6,840.00 | 6,756.38 | 6,755.11 | 281.02 | 1.78 | 90.40 | 2,659.11 | -13,392.14 | 4,223.59 | 3,973.67 | 249.92 | 16.900 | | |
| 16,400.00 | 6,840.00 | 6,755.08 | 6,753.82 | 283.71 | 1.78 | 90.38 | 2,659.11 | -13,392.16 | 4,172.32 | 3,917.46 | 254.86 | 16.371 | | |
| 16,500.00 | 6,840.00 | 6,753.79 | 6,752.52 | 286.40 | 1.78 | 90.36 | 2,659.11 | -13,392.18 | 4,122.84 | 3,863.02 | 259.82 | 15.868 | | |
| 16,600.00 | 6,840.00 | 6,752.50 | 6,751.23 | 289.10 | 1.78 | 90.34 | 2,659.11 | -13,392.19 | 4,075.21 | 3,810.43 | 264.78 | 15.391 | | |
| 16,700.00 | 6,840.00 | 6,751.21 | 6,749.94 | 291.79 | 1.78 | 90.32 | 2,659.11 | -13,392.21 | 4,029.50 | 3,759.76 | 269.74 | 14.939 | | |
| 16,800.00 | 6,840.00 | 6,749.93 | 6,748.66 | 294.49 | 1.78 | 90.30 | 2,659.11 | -13,392.22 | 3,985.78 | 3,711.10 | 274.67 | 14.511 | | |
| 16,900.00 | 6,840.00 | 6,748.65 | 6,747.38 | 297.19 | 1.78 | 90.28 | 2,659.11 | -13,392.24 | 3,944.10 | 3,664.52 | 279.58 | 14.107 | | |
| 17,000.00 | 6,840.00 | 6,747.37 | 6,746.10 | 299.88 | 1.78 | 90.26 | 2,659.10 | -13,392.25 | 3,904.55 | 3,620.10 | 284.44 | 13.727 | | |
| 17,100.00 | 6,840.00 | 6,746.09 | 6,744.83 | 302.58 | 1.78 | 90.24 | 2,659.10 | -13,392.27 | 3,867.17 | 3,577.93 | 289.24 | 13.370 | | |
| 17,200.00 | 6,840.00 | 6,744.82 | 6,743.56 | 305.28 | 1.78 | 90.22 | 2,659.10 | -13,392.29 | 3,832.04 | 3,538.07 | 293.97 | 13.035 | | |
| 17,300.00 | 6,840.00 | 6,743.56 | 6,742.29 | 307.97 | 1.78 | 90.20 | 2,659.10 | -13,392.30 | 3,799.22 | 3,500.61 | 298.61 | 12.723 | | |
| 17,400.00 | 6,840.00 | 6,742.29 | 6,741.03 | 310.67 | 1.78 | 90.18 | 2,659.10 | -13,392.32 | 3,768.76 | 3,465.62 | 303.15 | 12.432 | | |
| 17,500.00 | 6,840.00 | 6,741.03 | 6,739.77 | 313.37 | 1.78 | 90.16 | 2,659.10 | -13,392.33 | 3,740.73 | 3,433.17 | 307.56 | 12.163 | | |
| 17,600.00 | 6,840.00 | 6,739.77 | 6,738.51 | 316.07 | 1.78 | 90.14 | 2,659.10 | -13,392.35 | 3,715.19 | 3,403.35 | 311.84 | 11.914 | | |
| 17,700.00 | 6,840.00 | 6,738.52 | 6,737.26 | 318.77 | 1.78 | 90.12 | 2,659.10 | -13,392.36 | 3,692.17 | 3,376.21 | 315.96 | 11.686 | | |
| 17,800.00 | 6,840.00 | 6,737.27 | 6,736.00 | 321.47 | 1.78 | 90.10 | 2,659.10 | -13,392.38 | 3,671.73 | 3,351.82 | 319.92 | 11.477 | | |
| 17,900.00 | 6,840.00 | 6,736.02 | 6,734.76 | 324.17 | 1.78 | 90.08 | 2,659.10 | -13,392.39 | 3,653.92 | 3,330.23 | 323.69 | 11.288 | | |
| 18,000.00 | 6,840.00 | 6,734.78 | 6,733.51 | 326.87 | 1.78 | 90.06 | 2,659.10 | -13,392.41 | 3,638.77 | 3,311.50 | 327.26 | 11.119 | | |
| 18,100.00 | 6,840.00 | 6,733.53 | 6,732.27 | 329.57 | 1.78 | 90.04 | 2,659.10 | -13,392.42 | 3,626.31 | 3,295.68 | 330.63 | 10.968 | | |
| 18,200.00 | 6,840.00 | 6,732.30 | 6,731.03 | 332.27 | 1.78 | 90.02 | 2,659.10 | -13,392.44 | 3,616.58 | 3,282.81 | 333.77 | 10.836 | | |
| 18,300.00 | 6,840.00 | 6,731.06 | 6,729.80 | 334.97 | 1.78 | 90.00 | 2,659.09 | -13,392.45 | 3,609.59 | 3,272.91 | 336.67 | 10.721 | | |
| 18,400.00 | 6,840.00 | 6,729.83 | 6,728.57 | 337.67 | 1.78 | 89.98 | 2,659.09 | -13,392.47 | 3,605.36 | 3,266.02 | 339.34 | 10.625 | | |
| 18,500.00 | 6,840.00 | 6,728.60 | 6,727.34 | 340.38 | 1.78 | 89.96 | 2,659.09 | -13,392.48 | 3,603.90 | 3,262.15 | 341.75 | 10.546 | | |
| 18,502.57 | 6,840.00 | 6,728.57 | 6,727.31 | 340.45 | 1.78 | 89.96 | 2,659.09 | -13,392.48 | 3,603.90 | 3,262.09 | 341.80 | 10.544 CC | | |
| 18,600.00 | 6,840.00 | 6,727.38 | 6,726.11 | 343.08 | 1.78 | 89.94 | 2,659.09 | -13,392.50 | 3,605.22 | 3,261.32 | 343.90 | 10.483 ES | | |
| 18,700.00 | 6,840.00 | 6,726.15 | 6,724.89 | 345.78 | 1.78 | 89.92 | 2,659.09 | -13,392.51 | 3,609.30 | 3,263.51 | 345.79 | 10.438 | | |
| 18,800.00 | 6,840.00 | 6,724.93 | 6,723.67 | 348.48 | 1.78 | 89.90 | 2,659.09 | -13,392.53 | 3,616.15 | 3,268.74 | 347.41 | 10.409 | | |
| 18,900.00 | 6,840.00 | 6,723.72 | 6,722.45 | 351.19 | 1.78 | 89.88 | 2,659.09 | -13,392.54 | 3,625.74 | 3,276.97 | 348.77 | 10.396 SF | | |
| 19,000.00 | 6,840.00 | 6,722.50 | 6,721.24 | 353.89 | 1.78 | 89.86 | 2,659.09 | -13,392.56 | 3,638.06 | 3,288.20 | 349.86 | 10.399 | | |
| 19,100.00 | 6,840.00 | 6,721.29 | 6,720.03 | 356.59 | 1.78 | 89.84 | 2,659.09 | -13,392.57 | 3,653.08 | 3,302.38 | 350.69 | 10.417 | | |
| 19,200.00 | 6,840.00 | 6,720.09 | 6,718.82 | 359.30 | 1.78 | 89.82 | 2,659.09 | -13,392.58 | 3,670.75 | 3,319.48 | 351.27 | 10.450 | | |
| 19,300.00 | 6,840.00 | 6,718.88 | 6,717.62 | 362.00 | 1.78 | 89.80 | 2,659.09 | -13,392.60 | 3,691.06 | 3,339.46 | 351.59 | 10.498 | | |
| 19,400.00 | 6,840.00 | 6,717.68 | 6,716.42 | 364.71 | 1.78 | 89.78 | 2,659.09 | -13,392.61 | 3,713.94 | 3,362.27 | 351.67 | 10.561 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT OSTER 21-27 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Highside Toolface (°) | Offset Wellbore Centre | | Distance | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | | +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 19,500.00 | 6,840.00 | 6,716.49 | 6,715.22 | 367.41 | 1.78 | 89.77 | 2,659.08 | -13,392.63 | 3,739.36 | 3,387.85 | 351.51 | 10.638 | |
| 19,600.00 | 6,840.00 | 6,715.29 | 6,714.03 | 370.11 | 1.78 | 89.75 | 2,659.08 | -13,392.64 | 3,767.26 | 3,416.13 | 351.13 | 10.729 | |
| 19,700.00 | 6,840.00 | 6,714.10 | 6,712.84 | 372.82 | 1.78 | 89.73 | 2,659.08 | -13,392.65 | 3,797.59 | 3,447.06 | 350.54 | 10.834 | |
| 19,800.00 | 6,840.00 | 6,712.91 | 6,711.65 | 375.53 | 1.78 | 89.71 | 2,659.08 | -13,392.67 | 3,830.30 | 3,480.56 | 349.74 | 10.952 | |
| 19,900.00 | 6,840.00 | 6,711.72 | 6,710.46 | 378.23 | 1.78 | 89.69 | 2,659.08 | -13,392.68 | 3,865.31 | 3,516.56 | 348.74 | 11.083 | |
| 20,000.00 | 6,840.00 | 6,710.54 | 6,709.28 | 380.94 | 1.78 | 89.67 | 2,659.08 | -13,392.70 | 3,902.57 | 3,555.00 | 347.58 | 11.228 | |
| 20,100.00 | 6,840.00 | 6,709.36 | 6,708.10 | 383.64 | 1.78 | 89.65 | 2,659.08 | -13,392.71 | 3,942.02 | 3,595.78 | 346.24 | 11.385 | |
| 20,200.00 | 6,840.00 | 6,708.18 | 6,706.92 | 386.35 | 1.78 | 89.63 | 2,659.08 | -13,392.72 | 3,983.58 | 3,638.83 | 344.75 | 11.555 | |
| 20,300.00 | 6,840.00 | 6,707.01 | 6,705.75 | 389.05 | 1.78 | 89.61 | 2,659.08 | -13,392.74 | 4,027.20 | 3,684.08 | 343.12 | 11.737 | |
| 20,400.00 | 6,840.00 | 6,705.84 | 6,704.58 | 391.76 | 1.78 | 89.60 | 2,659.08 | -13,392.75 | 4,072.81 | 3,731.45 | 341.36 | 11.931 | |
| 20,442.82 | 6,840.00 | 6,705.34 | 6,704.08 | 392.92 | 1.78 | 89.59 | 2,659.08 | -13,392.76 | 4,092.93 | 3,752.36 | 340.57 | 12.018 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT OSTER 27-11G GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 8,500.00 | 6,840.00 | 7,128.80 | 7,126.33 | 77.04 | 1.83 | 119.04 | -240.38 | -13,333.59 | 9,962.50 | 9,923.84 | 38.66 | 257.687 | | |
| 8,600.00 | 6,840.00 | 7,125.23 | 7,122.77 | 79.38 | 1.82 | 118.82 | -240.20 | -13,333.71 | 9,862.83 | 9,824.02 | 38.81 | 254.150 | | |
| 8,700.00 | 6,840.00 | 7,121.67 | 7,119.22 | 81.74 | 1.82 | 118.59 | -240.01 | -13,333.84 | 9,763.17 | 9,724.21 | 38.96 | 250.610 | | |
| 8,800.00 | 6,840.00 | 7,118.10 | 7,115.66 | 84.12 | 1.82 | 118.36 | -239.83 | -13,333.96 | 9,663.51 | 9,624.40 | 39.11 | 247.069 | | |
| 8,900.00 | 6,840.00 | 7,114.54 | 7,112.10 | 86.52 | 1.82 | 118.13 | -239.64 | -13,334.09 | 9,563.86 | 9,524.58 | 39.27 | 243.526 | | |
| 9,000.00 | 6,840.00 | 7,110.98 | 7,108.54 | 88.94 | 1.82 | 117.89 | -239.46 | -13,334.22 | 9,464.21 | 9,424.77 | 39.44 | 239.982 | | |
| 9,100.00 | 6,840.00 | 7,107.41 | 7,104.99 | 91.38 | 1.82 | 117.66 | -239.27 | -13,334.34 | 9,364.57 | 9,324.96 | 39.61 | 236.438 | | |
| 9,200.00 | 6,840.00 | 7,103.85 | 7,101.43 | 93.83 | 1.82 | 117.43 | -239.09 | -13,334.47 | 9,264.94 | 9,225.15 | 39.78 | 232.894 | | |
| 9,300.00 | 6,840.00 | 7,100.28 | 7,097.87 | 96.30 | 1.82 | 117.20 | -238.90 | -13,334.59 | 9,165.31 | 9,125.35 | 39.96 | 229.351 | | |
| 9,400.00 | 6,840.00 | 7,096.72 | 7,094.31 | 98.79 | 1.82 | 116.96 | -238.71 | -13,334.72 | 9,065.69 | 9,025.54 | 40.15 | 225.808 | | |
| 9,500.00 | 6,840.00 | 7,093.15 | 7,090.75 | 101.28 | 1.82 | 116.72 | -238.53 | -13,334.85 | 8,966.07 | 8,925.73 | 40.34 | 222.266 | | |
| 9,600.00 | 6,840.00 | 7,089.59 | 7,087.20 | 103.79 | 1.82 | 116.49 | -238.34 | -13,334.97 | 8,866.47 | 8,825.93 | 40.54 | 218.726 | | |
| 9,700.00 | 6,840.00 | 7,086.02 | 7,083.64 | 106.30 | 1.82 | 116.25 | -238.16 | -13,335.10 | 8,766.87 | 8,726.13 | 40.74 | 215.189 | | |
| 9,800.00 | 6,840.00 | 7,082.46 | 7,080.08 | 108.83 | 1.82 | 116.01 | -237.97 | -13,335.23 | 8,667.28 | 8,626.33 | 40.95 | 211.654 | | |
| 9,900.00 | 6,840.00 | 7,078.89 | 7,076.52 | 111.37 | 1.82 | 115.77 | -237.79 | -13,335.35 | 8,567.69 | 8,526.53 | 41.17 | 208.122 | | |
| 10,000.00 | 6,840.00 | 7,075.33 | 7,072.97 | 113.91 | 1.82 | 115.53 | -237.60 | -13,335.48 | 8,468.12 | 8,426.73 | 41.39 | 204.594 | | |
| 10,100.00 | 6,840.00 | 7,071.76 | 7,069.41 | 116.47 | 1.82 | 115.29 | -237.41 | -13,335.60 | 8,368.55 | 8,326.93 | 41.62 | 201.069 | | |
| 10,200.00 | 6,840.00 | 7,068.20 | 7,065.85 | 119.03 | 1.82 | 115.05 | -237.23 | -13,335.73 | 8,269.00 | 8,227.14 | 41.86 | 197.550 | | |
| 10,300.00 | 6,840.00 | 7,064.63 | 7,062.29 | 121.59 | 1.82 | 114.81 | -237.04 | -13,335.86 | 8,169.45 | 8,127.35 | 42.10 | 194.035 | | |
| 10,400.00 | 6,840.00 | 7,061.07 | 7,058.73 | 124.17 | 1.81 | 114.56 | -236.86 | -13,335.98 | 8,069.91 | 8,027.55 | 42.36 | 190.526 | | |
| 10,500.00 | 6,840.00 | 7,057.51 | 7,055.18 | 126.75 | 1.81 | 114.32 | -236.67 | -13,336.10 | 7,970.38 | 7,927.77 | 42.61 | 187.046 | | |
| 10,600.00 | 6,840.00 | 7,054.00 | 7,051.67 | 129.34 | 1.81 | 114.08 | -236.48 | -13,336.22 | 7,870.86 | 7,827.98 | 42.88 | 183.539 | | |
| 10,700.00 | 6,840.00 | 7,050.45 | 7,048.14 | 131.93 | 1.81 | 113.84 | -236.30 | -13,336.34 | 7,771.36 | 7,728.19 | 43.16 | 180.040 | | |
| 10,800.00 | 6,840.00 | 7,046.93 | 7,044.63 | 134.53 | 1.81 | 113.60 | -236.12 | -13,336.46 | 7,671.86 | 7,628.41 | 43.45 | 176.548 | | |
| 10,900.00 | 6,840.00 | 7,043.41 | 7,041.12 | 137.13 | 1.81 | 113.36 | -235.94 | -13,336.58 | 7,572.38 | 7,528.62 | 43.75 | 173.066 | | |
| 11,000.00 | 6,840.00 | 7,039.89 | 7,037.61 | 139.73 | 1.81 | 113.12 | -235.76 | -13,336.70 | 7,472.90 | 7,428.84 | 44.06 | 169.593 | | |
| 11,100.00 | 6,840.00 | 7,036.37 | 7,034.10 | 142.35 | 1.81 | 112.88 | -235.58 | -13,336.82 | 7,373.44 | 7,329.06 | 44.38 | 166.130 | | |
| 11,200.00 | 6,840.00 | 7,032.85 | 7,030.59 | 144.96 | 1.81 | 112.64 | -235.40 | -13,336.94 | 7,273.99 | 7,229.28 | 44.71 | 162.677 | | |
| 11,300.00 | 6,840.00 | 7,029.33 | 7,027.08 | 147.58 | 1.81 | 112.40 | -235.22 | -13,337.06 | 7,174.56 | 7,129.50 | 45.06 | 159.235 | | |
| 11,400.00 | 6,840.00 | 7,025.81 | 7,023.57 | 150.20 | 1.81 | 112.16 | -235.04 | -13,337.18 | 7,075.14 | 7,029.73 | 45.41 | 155.806 | | |
| 11,500.00 | 6,840.00 | 7,022.29 | 7,020.06 | 152.83 | 1.81 | 111.92 | -234.86 | -13,337.30 | 6,975.73 | 6,929.96 | 45.78 | 152.388 | | |
| 11,600.00 | 6,840.00 | 7,018.77 | 7,016.54 | 155.46 | 1.82 | 111.68 | -234.68 | -13,337.42 | 6,876.33 | 6,830.20 | 46.13 | 149.050 | | |
| 11,700.00 | 6,840.00 | 7,015.25 | 7,013.02 | 158.09 | 1.81 | 111.44 | -234.50 | -13,337.54 | 6,776.96 | 6,730.43 | 46.53 | 145.638 | | |
| 11,800.00 | 6,840.00 | 7,011.73 | 7,009.50 | 160.73 | 1.81 | 111.20 | -234.32 | -13,337.66 | 6,677.60 | 6,630.66 | 46.95 | 142.241 | | |
| 11,900.00 | 6,840.00 | 7,008.21 | 7,005.98 | 163.36 | 1.81 | 110.96 | -234.14 | -13,337.78 | 6,578.26 | 6,530.89 | 47.37 | 138.861 | | |
| 12,000.00 | 6,840.00 | 7,004.69 | 7,002.46 | 166.01 | 1.81 | 110.72 | -233.96 | -13,337.90 | 6,478.94 | 6,431.13 | 47.82 | 135.499 | | |
| 12,100.00 | 6,840.00 | 6,999.99 | 6,997.76 | 168.65 | 1.81 | 110.48 | -233.78 | -13,338.02 | 6,379.64 | 6,331.36 | 48.27 | 132.154 | | |
| 12,200.00 | 6,840.00 | 6,996.47 | 6,994.24 | 171.30 | 1.81 | 110.24 | -233.60 | -13,338.14 | 6,280.35 | 6,231.60 | 48.75 | 128.829 | | |
| 12,300.00 | 6,840.00 | 6,992.95 | 6,990.72 | 173.94 | 1.81 | 110.00 | -233.42 | -13,338.26 | 6,181.08 | 6,131.84 | 49.24 | 125.522 | | |
| 12,400.00 | 6,840.00 | 6,989.43 | 6,987.20 | 176.59 | 1.81 | 109.76 | -233.24 | -13,338.38 | 6,081.84 | 6,032.08 | 49.75 | 122.236 | | |
| 12,500.00 | 6,840.00 | 6,985.91 | 6,983.68 | 179.25 | 1.81 | 109.52 | -233.06 | -13,338.50 | 5,982.61 | 5,932.33 | 50.29 | 118.971 | | |
| 12,600.00 | 6,840.00 | 6,982.39 | 6,980.16 | 181.90 | 1.81 | 109.28 | -232.88 | -13,338.62 | 5,883.41 | 5,832.58 | 50.84 | 115.728 | | |
| 12,700.00 | 6,840.00 | 6,978.87 | 6,976.64 | 184.56 | 1.81 | 109.04 | -232.70 | -13,338.74 | 5,784.24 | 5,732.83 | 51.41 | 112.507 | | |
| 12,800.00 | 6,840.00 | 6,975.35 | 6,973.12 | 187.22 | 1.81 | 108.80 | -232.52 | -13,338.86 | 5,685.09 | 5,633.08 | 52.01 | 109.310 | | |
| 12,900.00 | 6,840.00 | 6,971.83 | 6,969.60 | 189.88 | 1.81 | 108.56 | -232.34 | -13,338.98 | 5,585.97 | 5,533.34 | 52.63 | 106.138 | | |
| 13,000.00 | 6,840.00 | 6,968.31 | 6,966.08 | 192.54 | 1.81 | 108.32 | -232.16 | -13,339.10 | 5,486.88 | 5,433.60 | 53.28 | 102.990 | | |
| 13,100.00 | 6,840.00 | 6,964.79 | 6,962.56 | 195.20 | 1.81 | 108.08 | -231.98 | -13,339.22 | 5,387.82 | 5,333.87 | 53.95 | 99.868 | | |
| 13,200.00 | 6,840.00 | 6,961.27 | 6,959.04 | 197.87 | 1.81 | 107.84 | -231.80 | -13,339.34 | 5,288.79 | 5,234.14 | 54.65 | 96.774 | | |
| 13,300.00 | 6,840.00 | 6,957.75 | 6,955.52 | 200.53 | 1.81 | 107.60 | -231.62 | -13,339.46 | 5,189.80 | 5,134.42 | 55.38 | 93.707 | | |
| 13,400.00 | 6,840.00 | 6,954.23 | 6,952.00 | 203.20 | 2.75 | 107.36 | -231.44 | -13,339.58 | 5,090.84 | 5,031.29 | 55.95 | 85.490 | | |
| 13,500.00 | 6,840.00 | 6,950.71 | 6,948.48 | 205.87 | 2.77 | 107.12 | -231.26 | -13,339.70 | 4,991.90 | 4,931.45 | 60.45 | 82.578 | | |
| 13,600.00 | 6,840.00 | 6,947.19 | 6,944.96 | 208.54 | 2.80 | 106.88 | -231.08 | -13,339.82 | 4,893.01 | 4,831.62 | 61.39 | 79.704 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT OSTER 27-11G GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 13,700.00 | 6,840.00 | 13,700.00 | 6,870.86 | 211.22 | 2.82 | 100.69 | -225.69 | -13,341.61 | 4,794.16 | 4,731.79 | 62.37 | 76.868 | | |
| 13,800.00 | 6,840.00 | 13,800.00 | 6,868.95 | 213.89 | 2.84 | 100.55 | -225.57 | -13,341.64 | 4,695.36 | 4,631.97 | 63.39 | 74.072 | | |
| 13,900.00 | 6,840.00 | 6,914.01 | 6,912.00 | 216.56 | 1.81 | 103.87 | -228.31 | -13,340.71 | 4,596.70 | 4,536.22 | 60.48 | 76.005 | | |
| 14,000.00 | 6,840.00 | 6,904.79 | 6,902.81 | 219.24 | 1.81 | 103.17 | -227.71 | -13,340.97 | 4,498.03 | 4,436.52 | 61.51 | 73.126 | | |
| 14,100.00 | 6,840.00 | 6,896.42 | 6,894.45 | 221.92 | 1.81 | 102.52 | -227.17 | -13,341.19 | 4,399.40 | 4,336.82 | 62.59 | 70.290 | | |
| 14,200.00 | 6,840.00 | 6,888.78 | 6,886.84 | 224.59 | 1.81 | 101.93 | -226.68 | -13,341.38 | 4,300.84 | 4,237.12 | 63.72 | 67.498 | | |
| 14,300.00 | 6,840.00 | 6,881.79 | 6,879.86 | 227.27 | 1.81 | 101.39 | -226.23 | -13,341.55 | 4,202.34 | 4,137.44 | 64.90 | 64.749 | | |
| 14,400.00 | 6,840.00 | 6,875.36 | 6,873.45 | 229.95 | 1.81 | 100.90 | -225.82 | -13,341.70 | 4,103.91 | 4,037.77 | 66.14 | 62.044 | | |
| 14,500.00 | 6,840.00 | 6,869.43 | 6,867.53 | 232.63 | 1.81 | 100.43 | -225.45 | -13,341.83 | 4,005.56 | 3,938.10 | 67.45 | 59.384 | | |
| 14,600.00 | 6,840.00 | 6,863.95 | 6,862.06 | 235.31 | 1.81 | 100.01 | -225.10 | -13,341.95 | 3,907.28 | 3,838.45 | 68.83 | 56.770 | | |
| 14,700.00 | 6,840.00 | 6,858.86 | 6,856.98 | 238.00 | 1.81 | 99.61 | -224.78 | -13,342.05 | 3,809.09 | 3,738.81 | 70.28 | 54.202 | | |
| 14,800.00 | 6,840.00 | 6,854.12 | 6,852.26 | 240.68 | 1.81 | 99.24 | -224.48 | -13,342.15 | 3,711.00 | 3,639.19 | 71.81 | 51.681 | | |
| 14,900.00 | 6,840.00 | 6,849.71 | 6,847.85 | 243.36 | 1.81 | 98.90 | -224.20 | -13,342.23 | 3,613.00 | 3,539.58 | 73.42 | 49.208 | | |
| 15,000.00 | 6,840.00 | 6,845.58 | 6,843.73 | 246.05 | 1.81 | 98.57 | -223.94 | -13,342.31 | 3,515.12 | 3,439.99 | 75.13 | 46.785 | | |
| 15,100.00 | 6,840.00 | 6,841.71 | 6,839.87 | 248.74 | 1.81 | 98.27 | -223.70 | -13,342.37 | 3,417.36 | 3,340.41 | 76.95 | 44.411 | | |
| 15,200.00 | 6,840.00 | 6,838.07 | 6,836.24 | 251.42 | 1.81 | 97.99 | -223.47 | -13,342.44 | 3,319.73 | 3,240.85 | 78.87 | 42.089 | | |
| 15,300.00 | 6,840.00 | 6,834.66 | 6,832.83 | 254.11 | 1.80 | 97.72 | -223.26 | -13,342.49 | 3,222.24 | 3,141.32 | 80.92 | 39.820 | | |
| 15,400.00 | 6,840.00 | 6,831.44 | 6,829.62 | 256.80 | 1.80 | 97.47 | -223.06 | -13,342.55 | 3,124.91 | 3,041.81 | 83.10 | 37.604 | | |
| 15,500.00 | 6,840.00 | 6,828.40 | 6,826.58 | 259.49 | 1.80 | 97.23 | -222.87 | -13,342.59 | 3,027.75 | 2,942.33 | 85.42 | 35.443 | | |
| 15,600.00 | 6,840.00 | 6,825.52 | 6,823.71 | 262.17 | 1.80 | 97.00 | -222.69 | -13,342.64 | 2,930.78 | 2,842.87 | 87.91 | 33.339 | | |
| 15,700.00 | 6,840.00 | 6,822.80 | 6,821.00 | 264.86 | 1.80 | 96.79 | -222.52 | -13,342.68 | 2,834.02 | 2,743.46 | 90.57 | 31.292 | | |
| 15,800.00 | 6,840.00 | 6,820.22 | 6,818.42 | 267.55 | 1.80 | 96.58 | -222.36 | -13,342.72 | 2,737.49 | 2,644.08 | 93.42 | 29.304 | | |
| 15,900.00 | 6,840.00 | 6,817.76 | 6,815.97 | 270.25 | 1.80 | 96.39 | -222.21 | -13,342.75 | 2,641.22 | 2,544.75 | 96.48 | 27.376 | | |
| 16,000.00 | 6,840.00 | 6,815.43 | 6,813.65 | 272.94 | 1.80 | 96.21 | -222.07 | -13,342.78 | 2,545.24 | 2,445.46 | 99.77 | 25.510 | | |
| 16,100.00 | 6,840.00 | 6,813.21 | 6,811.43 | 275.63 | 1.80 | 96.03 | -221.93 | -13,342.81 | 2,449.57 | 2,346.24 | 103.33 | 23.706 | | |
| 16,200.00 | 6,840.00 | 6,811.10 | 6,809.32 | 278.32 | 1.80 | 95.87 | -221.80 | -13,342.84 | 2,354.27 | 2,247.09 | 107.17 | 21.967 | | |
| 16,300.00 | 6,840.00 | 6,809.08 | 6,807.30 | 281.02 | 1.80 | 95.71 | -221.67 | -13,342.87 | 2,259.37 | 2,148.03 | 111.34 | 20.293 | | |
| 16,400.00 | 6,840.00 | 6,807.15 | 6,805.38 | 283.71 | 1.80 | 95.56 | -221.56 | -13,342.89 | 2,164.92 | 2,049.06 | 115.86 | 18.685 | | |
| 16,500.00 | 6,840.00 | 6,805.30 | 6,803.54 | 286.40 | 1.80 | 95.41 | -221.44 | -13,342.91 | 2,071.00 | 1,950.21 | 120.79 | 17.146 | | |
| 16,600.00 | 6,840.00 | 6,803.54 | 6,801.77 | 289.10 | 1.80 | 95.27 | -221.33 | -13,342.94 | 1,977.67 | 1,851.51 | 126.17 | 15.675 | | |
| 16,700.00 | 6,840.00 | 6,801.85 | 6,800.09 | 291.79 | 1.80 | 95.14 | -221.23 | -13,342.95 | 1,885.03 | 1,752.98 | 132.05 | 14.275 | | |
| 16,800.00 | 6,840.00 | 6,800.22 | 6,798.47 | 294.49 | 1.80 | 95.01 | -221.13 | -13,342.97 | 1,793.17 | 1,654.67 | 138.50 | 12.947 | | |
| 16,900.00 | 6,840.00 | 6,798.75 | 6,797.00 | 297.19 | 1.80 | 94.89 | -221.04 | -13,342.99 | 1,702.24 | 1,556.63 | 145.60 | 11.691 | | |
| 17,000.00 | 6,840.00 | 6,797.32 | 6,795.57 | 299.88 | 1.80 | 94.78 | -220.95 | -13,343.01 | 1,612.37 | 1,458.94 | 153.43 | 10.509 | | |
| 17,100.00 | 6,840.00 | 6,795.90 | 6,794.15 | 302.58 | 1.80 | 94.67 | -220.87 | -13,343.02 | 1,523.77 | 1,361.69 | 162.08 | 9.402 | | |
| 17,200.00 | 6,840.00 | 6,794.51 | 6,792.76 | 305.28 | 1.80 | 94.56 | -220.78 | -13,343.04 | 1,436.66 | 1,265.02 | 171.65 | 8.370 | | |
| 17,300.00 | 6,840.00 | 6,793.14 | 6,791.39 | 307.97 | 1.80 | 94.45 | -220.70 | -13,343.05 | 1,351.34 | 1,169.09 | 182.25 | 7.415 | | |
| 17,400.00 | 6,840.00 | 6,791.78 | 6,790.04 | 310.67 | 1.80 | 94.34 | -220.62 | -13,343.07 | 1,268.16 | 1,074.18 | 193.99 | 6.537 | | |
| 17,500.00 | 6,840.00 | 6,790.45 | 6,788.71 | 313.37 | 1.80 | 94.24 | -220.54 | -13,343.08 | 1,187.58 | 980.61 | 206.97 | 5.738 | | |
| 17,600.00 | 6,840.00 | 6,789.13 | 6,787.40 | 316.07 | 1.80 | 94.14 | -220.46 | -13,343.10 | 1,110.17 | 888.91 | 221.26 | 5.018 | | |
| 17,700.00 | 6,840.00 | 6,787.84 | 6,786.10 | 318.77 | 1.80 | 94.03 | -220.38 | -13,343.11 | 1,036.62 | 799.77 | 236.85 | 4.377 | | |
| 17,800.00 | 6,840.00 | 6,786.56 | 6,784.83 | 321.47 | 1.80 | 93.93 | -220.31 | -13,343.12 | 967.83 | 714.19 | 253.64 | 3.816 | | |
| 17,900.00 | 6,840.00 | 6,785.30 | 6,783.57 | 324.17 | 1.80 | 93.83 | -220.23 | -13,343.14 | 904.87 | 633.57 | 271.30 | 3.335 | | |
| 18,000.00 | 6,840.00 | 6,784.05 | 6,782.33 | 326.87 | 1.80 | 93.74 | -220.16 | -13,343.15 | 849.06 | 559.83 | 289.22 | 2.936 | | |
| 18,100.00 | 6,840.00 | 6,782.82 | 6,781.10 | 329.57 | 1.80 | 93.64 | -220.09 | -13,343.16 | 801.87 | 495.45 | 306.42 | 2.617 | | |
| 18,200.00 | 6,840.00 | 6,781.61 | 6,779.89 | 332.27 | 1.80 | 93.54 | -220.02 | -13,343.17 | 764.91 | 443.41 | 321.50 | 2.379 | | |
| 18,300.00 | 6,840.00 | 6,780.42 | 6,778.70 | 334.97 | 1.80 | 93.45 | -219.95 | -13,343.19 | 739.72 | 406.88 | 332.84 | 2.222 | | |
| 18,400.00 | 6,840.00 | 6,779.24 | 6,777.52 | 337.67 | 1.80 | 93.36 | -219.88 | -13,343.20 | 727.52 | 388.59 | 338.93 | 2.147 | | |
| 18,439.55 | 6,840.00 | 6,778.78 | 6,777.06 | 338.74 | 1.80 | 93.32 | -219.85 | -13,343.20 | 726.44 | 386.78 | 339.66 | 2.139 | CC, ES, SF | |
| 18,500.00 | 6,840.00 | 6,778.08 | 6,776.36 | 340.38 | 1.80 | 93.26 | -219.81 | -13,343.21 | 728.95 | 390.08 | 338.87 | 2.151 | | |
| 18,600.00 | 6,840.00 | 6,776.93 | 6,775.22 | 343.08 | 1.80 | 93.17 | -219.75 | -13,343.22 | 743.95 | 411.20 | 332.74 | 2.236 | | |
| 18,700.00 | 6,840.00 | 6,775.80 | 6,774.09 | 345.78 | 1.80 | 93.08 | -219.68 | -13,343.23 | 771.71 | 450.16 | 321.55 | 2.400 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT OSTER 27-11G GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning |
| 18,800.00 | 6,840.00 | 6,774.68 | 6,772.97 | 348.48 | 1.80 | 93.00 | -219.62 | -13,343.24 | 810.94 | 504.10 | 306.84 | 2.643 | |
| 18,900.00 | 6,840.00 | 6,773.58 | 6,771.87 | 351.19 | 1.80 | 92.91 | -219.55 | -13,343.25 | 860.06 | 569.86 | 290.20 | 2.964 | |
| 19,000.00 | 6,840.00 | 6,772.49 | 6,770.78 | 353.89 | 1.80 | 92.82 | -219.49 | -13,343.26 | 917.49 | 644.55 | 272.94 | 3.362 | |
| 19,100.00 | 6,840.00 | 6,771.41 | 6,769.71 | 356.59 | 1.80 | 92.74 | -219.43 | -13,343.28 | 981.76 | 725.77 | 255.99 | 3.835 | |
| 19,200.00 | 6,840.00 | 6,770.35 | 6,768.65 | 359.30 | 1.80 | 92.65 | -219.37 | -13,343.29 | 1,051.63 | 811.73 | 239.90 | 4.384 | |
| 19,300.00 | 6,840.00 | 6,769.30 | 6,767.60 | 362.00 | 1.80 | 92.57 | -219.31 | -13,343.30 | 1,126.06 | 901.09 | 224.97 | 5.005 | |
| 19,400.00 | 6,840.00 | 6,768.27 | 6,766.57 | 364.71 | 1.80 | 92.49 | -219.25 | -13,343.31 | 1,204.19 | 992.91 | 211.28 | 5.699 | |
| 19,500.00 | 6,840.00 | 6,767.24 | 6,765.55 | 367.41 | 1.80 | 92.41 | -219.19 | -13,343.31 | 1,285.36 | 1,086.51 | 198.85 | 6.464 | |
| 19,600.00 | 6,840.00 | 6,766.23 | 6,764.54 | 370.11 | 1.80 | 92.33 | -219.14 | -13,343.32 | 1,369.02 | 1,181.43 | 187.59 | 7.298 | |
| 19,700.00 | 6,840.00 | 6,765.24 | 6,763.54 | 372.82 | 1.80 | 92.25 | -219.08 | -13,343.33 | 1,454.74 | 1,277.32 | 177.42 | 8.199 | |
| 19,800.00 | 6,840.00 | 6,764.25 | 6,762.56 | 375.53 | 1.80 | 92.17 | -219.03 | -13,343.34 | 1,542.18 | 1,373.95 | 168.24 | 9.167 | |
| 19,900.00 | 6,840.00 | 6,763.28 | 6,761.59 | 378.23 | 1.80 | 92.10 | -218.97 | -13,343.35 | 1,631.07 | 1,471.14 | 159.93 | 10.198 | |
| 20,000.00 | 6,840.00 | 6,762.32 | 6,760.63 | 380.94 | 1.80 | 92.02 | -218.92 | -13,343.36 | 1,721.18 | 1,568.76 | 152.41 | 11.293 | |
| 20,100.00 | 6,840.00 | 6,761.37 | 6,759.68 | 383.64 | 1.80 | 91.95 | -218.87 | -13,343.37 | 1,812.32 | 1,666.73 | 145.59 | 12.448 | |
| 20,200.00 | 6,840.00 | 6,760.43 | 6,758.74 | 386.35 | 1.80 | 91.87 | -218.82 | -13,343.38 | 1,904.35 | 1,764.96 | 139.39 | 13.662 | |
| 20,300.00 | 6,840.00 | 6,759.50 | 6,757.81 | 389.05 | 1.80 | 91.80 | -218.76 | -13,343.39 | 1,997.15 | 1,863.41 | 133.74 | 14.933 | |
| 20,400.00 | 6,840.00 | 6,758.58 | 6,756.90 | 391.76 | 1.80 | 91.73 | -218.71 | -13,343.39 | 2,090.61 | 1,962.03 | 128.58 | 16.259 | |
| 20,442.82 | 6,840.00 | 6,758.19 | 6,756.51 | 392.92 | 1.80 | 91.70 | -218.69 | -13,343.40 | 2,130.81 | 2,004.30 | 126.51 | 16.843 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT OSTER 4-27 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 134.53 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 9,938.11 | 9,751.22 | 186.89 | 53.176 | | |
| 10,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 137.13 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 9,844.99 | 9,656.84 | 188.16 | 52.324 | | |
| 11,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 139.73 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 9,752.01 | 9,562.56 | 189.45 | 51.475 | | |
| 11,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 142.35 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 9,659.17 | 9,468.39 | 190.77 | 50.632 | | |
| 11,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 144.96 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 9,566.47 | 9,374.34 | 192.13 | 49.792 | | |
| 11,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 147.58 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 9,473.92 | 9,280.41 | 193.51 | 48.958 | | |
| 11,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 150.20 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 9,381.53 | 9,186.60 | 194.93 | 48.128 | | |
| 11,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 152.83 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 9,289.29 | 9,092.91 | 196.38 | 47.303 | | |
| 11,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 155.46 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 9,197.21 | 8,999.35 | 197.86 | 46.483 | | |
| 11,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 158.09 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 9,105.30 | 8,905.93 | 199.38 | 45.669 | | |
| 11,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 160.73 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 9,013.57 | 8,812.64 | 200.93 | 44.860 | | |
| 11,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 163.36 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 8,922.01 | 8,719.50 | 202.51 | 44.057 | | |
| 12,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 166.01 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 8,830.63 | 8,626.50 | 204.13 | 43.259 | | |
| 12,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 168.65 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 8,739.45 | 8,533.65 | 205.79 | 42.467 | | |
| 12,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 171.30 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 8,648.45 | 8,440.97 | 207.49 | 41.682 | | |
| 12,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 173.94 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 8,557.66 | 8,348.44 | 209.22 | 40.902 | | |
| 12,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 176.59 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 8,467.08 | 8,256.08 | 211.00 | 40.129 | | |
| 12,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 179.25 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 8,376.71 | 8,163.90 | 212.81 | 39.362 | | |
| 12,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 181.90 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 8,286.56 | 8,071.89 | 214.67 | 38.602 | | |
| 12,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 184.56 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 8,196.64 | 7,980.08 | 216.57 | 37.848 | | |
| 12,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 187.22 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 8,106.96 | 7,888.45 | 218.51 | 37.101 | | |
| 12,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 189.88 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 8,017.52 | 7,797.02 | 220.50 | 36.361 | | |
| 13,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 192.54 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 7,928.33 | 7,705.80 | 222.53 | 35.628 | | |
| 13,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 195.20 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 7,839.41 | 7,614.80 | 224.61 | 34.902 | | |
| 13,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 197.87 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 7,750.75 | 7,524.01 | 226.74 | 34.184 | | |
| 13,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 200.53 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 7,662.37 | 7,433.46 | 228.91 | 33.473 | | |
| 13,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 203.20 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 7,574.29 | 7,343.14 | 231.14 | 32.769 | | |
| 13,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 205.87 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 7,486.50 | 7,253.08 | 233.42 | 32.073 | | |
| 13,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 208.54 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 7,399.02 | 7,163.27 | 235.76 | 31.384 | | |
| 13,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 211.22 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 7,311.86 | 7,073.72 | 238.14 | 30.704 | | |
| 13,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 213.89 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 7,225.04 | 6,984.45 | 240.59 | 30.031 | | |
| 13,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 216.56 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 7,138.56 | 6,895.47 | 243.09 | 29.366 | | |
| 14,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 219.24 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 7,052.44 | 6,806.79 | 245.65 | 28.710 | | |
| 14,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 221.92 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 6,966.69 | 6,718.42 | 248.26 | 28.062 | | |
| 14,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 224.59 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 6,881.32 | 6,630.37 | 250.95 | 27.422 | | |
| 14,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 227.27 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 6,796.35 | 6,542.66 | 253.69 | 26.790 | | |
| 14,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 229.95 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 6,711.80 | 6,455.30 | 256.50 | 26.167 | | |
| 14,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 232.63 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 6,627.67 | 6,368.30 | 259.37 | 25.553 | | |
| 14,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 235.31 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 6,544.00 | 6,281.68 | 262.31 | 24.947 | | |
| 14,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 238.00 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 6,460.78 | 6,195.46 | 265.33 | 24.350 | | |
| 14,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 240.68 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 6,378.05 | 6,109.65 | 268.41 | 23.763 | | |
| 14,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 243.36 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 6,295.82 | 6,024.26 | 271.56 | 23.184 | | |
| 15,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 246.05 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 6,214.12 | 5,939.33 | 274.79 | 22.614 | | |
| 15,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 248.74 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 6,132.95 | 5,854.86 | 278.09 | 22.054 | | |
| 15,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 251.42 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 6,052.35 | 5,770.88 | 281.47 | 21.502 | | |
| 15,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 254.11 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 5,972.33 | 5,687.40 | 284.93 | 20.961 | | |
| 15,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 256.80 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 5,892.93 | 5,604.46 | 288.47 | 20.428 | | |
| 15,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 259.49 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 5,814.16 | 5,522.07 | 292.09 | 19.906 | | |
| 15,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 262.17 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 5,736.05 | 5,440.26 | 295.79 | 19.392 | | |
| 15,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 264.86 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 5,658.63 | 5,359.06 | 299.57 | 18.889 | | |
| 15,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 267.55 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 5,581.93 | 5,278.49 | 303.44 | 18.395 | | |
| 15,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 270.25 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 5,505.98 | 5,198.58 | 307.40 | 17.912 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT OSTER 4-27 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 16,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 272.94 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 5,430.80 | 5,119.37 | 311.44 | 17.438 | | |
| 16,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 275.63 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 5,356.44 | 5,040.88 | 315.56 | 16.974 | | |
| 16,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 278.32 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 5,282.93 | 4,963.15 | 319.78 | 16.521 | | |
| 16,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 281.02 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 5,210.29 | 4,886.22 | 324.08 | 16.077 | | |
| 16,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 283.71 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 5,138.58 | 4,810.11 | 328.47 | 15.644 | | |
| 16,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 286.40 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 5,067.82 | 4,734.88 | 332.94 | 15.221 | | |
| 16,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 289.10 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,998.07 | 4,660.57 | 337.50 | 14.809 | | |
| 16,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 291.79 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,929.35 | 4,587.21 | 342.15 | 14.407 | | |
| 16,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 294.49 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,861.72 | 4,514.85 | 346.88 | 14.016 | | |
| 16,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 297.19 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,795.23 | 4,443.54 | 351.69 | 13.635 | | |
| 17,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 299.88 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,729.91 | 4,373.33 | 356.57 | 13.265 | | |
| 17,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 302.58 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,665.82 | 4,304.28 | 361.54 | 12.905 | | |
| 17,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 305.28 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,603.01 | 4,236.43 | 366.58 | 12.557 | | |
| 17,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 307.97 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,541.54 | 4,169.85 | 371.68 | 12.219 | | |
| 17,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 310.67 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,481.45 | 4,104.60 | 376.85 | 11.892 | | |
| 17,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 313.37 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,422.81 | 4,040.73 | 382.08 | 11.576 | | |
| 17,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 316.07 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,365.67 | 3,978.32 | 387.35 | 11.271 | | |
| 17,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 318.77 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,310.09 | 3,917.42 | 392.67 | 10.976 | | |
| 17,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 321.47 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,256.14 | 3,858.12 | 398.02 | 10.693 | | |
| 17,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 324.17 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,203.88 | 3,800.47 | 403.40 | 10.421 | | |
| 18,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 326.87 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,153.36 | 3,744.56 | 408.80 | 10.160 | | |
| 18,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 329.57 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,104.66 | 3,690.46 | 414.20 | 9.910 | | |
| 18,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 332.27 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,057.84 | 3,638.25 | 419.59 | 9.671 | | |
| 18,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 334.97 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 4,012.97 | 3,588.00 | 424.97 | 9.443 | | |
| 18,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 337.67 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,970.11 | 3,539.80 | 430.31 | 9.226 | | |
| 18,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 340.38 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,929.33 | 3,493.73 | 435.60 | 9.021 | | |
| 18,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 343.08 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,890.69 | 3,449.87 | 440.82 | 8.826 | | |
| 18,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 345.78 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,854.26 | 3,408.29 | 445.97 | 8.642 | | |
| 18,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 348.48 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,820.10 | 3,369.08 | 451.02 | 8.470 | | |
| 18,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 351.19 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,788.27 | 3,332.32 | 455.95 | 8.308 | | |
| 19,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 353.89 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,758.83 | 3,298.08 | 460.75 | 8.158 | | |
| 19,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 356.59 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,731.84 | 3,266.43 | 465.41 | 8.018 | | |
| 19,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 359.30 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,707.36 | 3,237.46 | 469.89 | 7.890 | | |
| 19,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 362.00 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,685.42 | 3,211.23 | 474.20 | 7.772 | | |
| 19,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 364.71 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,666.08 | 3,187.79 | 478.30 | 7.665 | | |
| 19,500.00 | 6,840.00 | 6,760.00 | 6,760.00 | 367.41 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,649.38 | 3,167.21 | 482.18 | 7.569 | | |
| 19,600.00 | 6,840.00 | 6,760.00 | 6,760.00 | 370.11 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,635.36 | 3,149.53 | 485.83 | 7.483 | | |
| 19,700.00 | 6,840.00 | 6,760.00 | 6,760.00 | 372.82 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,624.04 | 3,134.81 | 489.23 | 7.408 | | |
| 19,800.00 | 6,840.00 | 6,760.00 | 6,760.00 | 375.53 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,615.46 | 3,123.08 | 492.38 | 7.343 | | |
| 19,900.00 | 6,840.00 | 6,760.00 | 6,760.00 | 378.23 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,609.62 | 3,114.37 | 495.25 | 7.288 | | |
| 20,000.00 | 6,840.00 | 6,760.00 | 6,760.00 | 380.94 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,606.55 | 3,108.70 | 497.85 | 7.244 | | |
| 20,060.81 | 6,840.00 | 6,760.00 | 6,760.00 | 382.58 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,606.04 | 3,106.75 | 499.29 | 7.222 CC | | |
| 20,100.00 | 6,840.00 | 6,760.00 | 6,760.00 | 383.64 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,606.25 | 3,106.09 | 500.16 | 7.210 ES | | |
| 20,200.00 | 6,840.00 | 6,760.00 | 6,760.00 | 386.35 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,608.72 | 3,106.55 | 502.17 | 7.186 | | |
| 20,300.00 | 6,840.00 | 6,760.00 | 6,760.00 | 389.05 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,613.96 | 3,110.07 | 503.89 | 7.172 | | |
| 20,400.00 | 6,840.00 | 6,760.00 | 6,760.00 | 391.76 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,621.95 | 3,116.64 | 505.31 | 7.168 SF | | |
| 20,442.82 | 6,840.00 | 6,760.00 | 6,760.00 | 392.92 | 117.02 | 90.00 | 2,668.67 | -14,950.69 | 3,626.22 | 3,120.38 | 505.83 | 7.169 | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT OSTER G 34-29 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 9,300.00 | 6,840.00 | 6,823.88 | 6,822.79 | 96.30 | 1.68 | -95.09 | -1,893.18 | -14,126.64 | 9,960.94 | 9,927.97 | 32.96 | 302.210 | | |
| 9,400.00 | 6,840.00 | 6,822.70 | 6,821.62 | 98.79 | 1.68 | -95.02 | -1,893.17 | -14,126.65 | 9,861.40 | 9,828.49 | 32.91 | 299.617 | | |
| 9,500.00 | 6,840.00 | 6,821.54 | 6,820.45 | 101.28 | 1.68 | -94.95 | -1,893.17 | -14,126.66 | 9,761.88 | 9,729.01 | 32.87 | 296.989 | | |
| 9,600.00 | 6,840.00 | 6,820.38 | 6,819.29 | 103.79 | 1.68 | -94.88 | -1,893.16 | -14,126.67 | 9,662.36 | 9,629.53 | 32.83 | 294.323 | | |
| 9,700.00 | 6,840.00 | 6,819.22 | 6,818.14 | 106.30 | 1.68 | -94.81 | -1,893.16 | -14,126.68 | 9,562.86 | 9,530.06 | 32.79 | 291.620 | | |
| 9,800.00 | 6,840.00 | 6,818.07 | 6,816.99 | 108.83 | 1.67 | -94.74 | -1,893.15 | -14,126.69 | 9,463.36 | 9,430.60 | 32.76 | 288.877 | | |
| 9,900.00 | 6,840.00 | 6,816.93 | 6,815.85 | 111.37 | 1.67 | -94.68 | -1,893.14 | -14,126.70 | 9,363.88 | 9,331.15 | 32.73 | 286.093 | | |
| 10,000.00 | 6,840.00 | 6,815.79 | 6,814.71 | 113.91 | 1.67 | -94.61 | -1,893.14 | -14,126.71 | 9,264.40 | 9,231.70 | 32.71 | 283.267 | | |
| 10,100.00 | 6,840.00 | 6,814.66 | 6,813.58 | 116.47 | 1.67 | -94.54 | -1,893.13 | -14,126.72 | 9,164.94 | 9,132.26 | 32.69 | 280.397 | | |
| 10,200.00 | 6,840.00 | 6,813.54 | 6,812.45 | 119.03 | 1.67 | -94.47 | -1,893.13 | -14,126.73 | 9,065.49 | 9,032.82 | 32.67 | 277.482 | | |
| 10,300.00 | 6,840.00 | 6,812.42 | 6,811.33 | 121.59 | 1.67 | -94.41 | -1,893.12 | -14,126.74 | 8,966.06 | 8,933.39 | 32.66 | 274.521 | | |
| 10,400.00 | 6,840.00 | 6,811.30 | 6,810.22 | 124.17 | 1.67 | -94.34 | -1,893.11 | -14,126.75 | 8,866.63 | 8,833.97 | 32.66 | 271.511 | | |
| 10,500.00 | 6,840.00 | 6,810.19 | 6,809.11 | 126.75 | 1.67 | -94.27 | -1,893.11 | -14,126.76 | 8,767.22 | 8,734.56 | 32.66 | 268.451 | | |
| 10,600.00 | 6,840.00 | 6,809.09 | 6,808.01 | 129.34 | 1.67 | -94.21 | -1,893.10 | -14,126.77 | 8,667.82 | 8,635.15 | 32.67 | 265.340 | | |
| 10,700.00 | 6,840.00 | 6,807.99 | 6,806.91 | 131.93 | 1.67 | -94.14 | -1,893.09 | -14,126.78 | 8,568.43 | 8,535.75 | 32.68 | 262.176 | | |
| 10,800.00 | 6,840.00 | 6,806.90 | 6,805.82 | 134.53 | 1.67 | -94.08 | -1,893.09 | -14,126.79 | 8,469.06 | 8,436.36 | 32.70 | 258.958 | | |
| 10,900.00 | 6,840.00 | 6,805.81 | 6,804.73 | 137.13 | 1.67 | -94.01 | -1,893.08 | -14,126.80 | 8,369.71 | 8,336.97 | 32.73 | 255.685 | | |
| 11,000.00 | 6,840.00 | 6,804.73 | 6,803.65 | 139.73 | 1.67 | -93.95 | -1,893.08 | -14,126.81 | 8,270.37 | 8,237.59 | 32.77 | 252.355 | | |
| 11,100.00 | 6,840.00 | 6,803.66 | 6,802.57 | 142.35 | 1.67 | -93.88 | -1,893.07 | -14,126.82 | 8,171.04 | 8,138.22 | 32.82 | 248.966 | | |
| 11,200.00 | 6,840.00 | 6,802.59 | 6,801.50 | 144.96 | 1.67 | -93.82 | -1,893.06 | -14,126.83 | 8,071.73 | 8,038.86 | 32.88 | 245.519 | | |
| 11,300.00 | 6,840.00 | 6,801.52 | 6,800.44 | 147.58 | 1.67 | -93.75 | -1,893.06 | -14,126.84 | 7,972.44 | 7,939.50 | 32.94 | 242.010 | | |
| 11,400.00 | 6,840.00 | 6,800.46 | 6,799.37 | 150.20 | 1.67 | -93.69 | -1,893.05 | -14,126.85 | 7,873.17 | 7,840.15 | 33.02 | 238.440 | | |
| 11,500.00 | 6,840.00 | 6,799.50 | 6,798.41 | 152.83 | 1.67 | -93.63 | -1,893.04 | -14,126.85 | 7,773.92 | 7,740.81 | 33.11 | 234.810 | | |
| 11,600.00 | 6,840.00 | 6,798.61 | 6,797.53 | 155.46 | 1.67 | -93.58 | -1,893.04 | -14,126.86 | 7,674.68 | 7,641.47 | 33.21 | 231.118 | | |
| 11,700.00 | 6,840.00 | 6,797.73 | 6,796.64 | 158.09 | 1.67 | -93.53 | -1,893.03 | -14,126.87 | 7,575.47 | 7,542.15 | 33.32 | 227.363 | | |
| 11,800.00 | 6,840.00 | 6,796.84 | 6,795.76 | 160.73 | 1.67 | -93.47 | -1,893.03 | -14,126.88 | 7,476.27 | 7,442.83 | 33.44 | 223.544 | | |
| 11,900.00 | 6,840.00 | 6,795.96 | 6,794.88 | 163.36 | 1.67 | -93.42 | -1,893.02 | -14,126.88 | 7,377.10 | 7,343.52 | 33.58 | 219.660 | | |
| 12,000.00 | 6,840.00 | 6,795.08 | 6,793.99 | 166.01 | 1.67 | -93.37 | -1,893.02 | -14,126.89 | 7,277.95 | 7,244.21 | 33.74 | 215.713 | | |
| 12,100.00 | 6,840.00 | 6,794.20 | 6,793.11 | 168.65 | 1.67 | -93.31 | -1,893.01 | -14,126.90 | 7,178.82 | 7,144.91 | 33.91 | 211.703 | | |
| 12,200.00 | 6,840.00 | 6,793.32 | 6,792.23 | 171.30 | 1.67 | -93.26 | -1,893.01 | -14,126.91 | 7,079.72 | 7,045.62 | 34.10 | 207.629 | | |
| 12,300.00 | 6,840.00 | 6,792.44 | 6,791.35 | 173.94 | 1.67 | -93.21 | -1,893.00 | -14,126.91 | 6,980.64 | 6,946.34 | 34.30 | 203.495 | | |
| 12,400.00 | 6,840.00 | 6,791.56 | 6,790.47 | 176.59 | 1.67 | -93.16 | -1,893.00 | -14,126.92 | 6,881.59 | 6,847.07 | 34.53 | 199.300 | | |
| 12,500.00 | 6,840.00 | 6,790.68 | 6,789.59 | 179.25 | 1.67 | -93.10 | -1,892.99 | -14,126.93 | 6,782.57 | 6,747.80 | 34.77 | 195.046 | | |
| 12,600.00 | 6,840.00 | 6,789.80 | 6,788.72 | 181.90 | 1.67 | -93.05 | -1,892.99 | -14,126.94 | 6,683.58 | 6,648.54 | 35.04 | 190.736 | | |
| 12,700.00 | 6,840.00 | 6,788.92 | 6,787.84 | 184.56 | 1.67 | -93.00 | -1,892.98 | -14,126.94 | 6,584.62 | 6,549.29 | 35.33 | 186.373 | | |
| 12,800.00 | 6,840.00 | 6,788.05 | 6,786.96 | 187.22 | 1.67 | -92.95 | -1,892.97 | -14,126.95 | 6,485.69 | 6,450.04 | 35.64 | 181.958 | | |
| 12,900.00 | 6,840.00 | 6,787.17 | 6,786.09 | 189.88 | 1.67 | -92.89 | -1,892.97 | -14,126.96 | 6,386.79 | 6,350.80 | 35.98 | 177.496 | | |
| 13,000.00 | 6,840.00 | 6,786.30 | 6,785.21 | 192.54 | 1.67 | -92.84 | -1,892.96 | -14,126.97 | 6,287.92 | 6,251.58 | 36.35 | 172.991 | | |
| 13,100.00 | 6,840.00 | 6,785.43 | 6,784.34 | 195.20 | 1.67 | -92.79 | -1,892.96 | -14,126.97 | 6,189.10 | 6,152.35 | 36.74 | 168.446 | | |
| 13,200.00 | 6,840.00 | 6,784.55 | 6,783.47 | 197.87 | 1.67 | -92.74 | -1,892.95 | -14,126.98 | 6,090.31 | 6,053.14 | 37.17 | 163.866 | | |
| 13,300.00 | 6,840.00 | 6,783.68 | 6,782.60 | 200.53 | 1.67 | -92.68 | -1,892.95 | -14,126.99 | 5,991.56 | 5,953.94 | 37.62 | 159.256 | | |
| 13,400.00 | 6,840.00 | 6,782.81 | 6,781.73 | 203.20 | 1.67 | -92.63 | -1,892.94 | -14,127.00 | 5,892.85 | 5,854.74 | 38.11 | 154.621 | | |
| 13,500.00 | 6,840.00 | 6,781.94 | 6,780.86 | 205.87 | 1.67 | -92.58 | -1,892.94 | -14,127.01 | 5,794.19 | 5,755.55 | 38.64 | 149.968 | | |
| 13,600.00 | 6,840.00 | 6,781.07 | 6,779.99 | 208.54 | 1.67 | -92.53 | -1,892.93 | -14,127.01 | 5,695.58 | 5,656.38 | 39.20 | 145.301 | | |
| 13,700.00 | 6,840.00 | 6,780.20 | 6,779.12 | 211.22 | 1.67 | -92.47 | -1,892.93 | -14,127.02 | 5,597.01 | 5,557.21 | 39.80 | 140.629 | | |
| 13,800.00 | 6,840.00 | 6,779.33 | 6,778.25 | 213.89 | 1.67 | -92.42 | -1,892.92 | -14,127.03 | 5,498.49 | 5,458.05 | 40.44 | 135.956 | | |
| 13,900.00 | 6,840.00 | 6,778.47 | 6,777.38 | 216.56 | 1.67 | -92.37 | -1,892.92 | -14,127.03 | 5,400.03 | 5,358.90 | 41.13 | 131.290 | | |
| 14,000.00 | 6,840.00 | 6,777.60 | 6,776.52 | 219.24 | 1.67 | -92.32 | -1,892.91 | -14,127.04 | 5,301.63 | 5,259.77 | 41.86 | 126.638 | | |
| 14,100.00 | 6,840.00 | 6,776.74 | 6,775.65 | 221.92 | 1.67 | -92.27 | -1,892.91 | -14,127.05 | 5,203.29 | 5,160.64 | 42.65 | 122.007 | | |
| 14,200.00 | 6,840.00 | 6,775.87 | 6,774.79 | 224.59 | 1.67 | -92.21 | -1,892.90 | -14,127.06 | 5,105.01 | 5,061.53 | 43.48 | 117.405 | | |
| 14,300.00 | 6,840.00 | 6,775.01 | 6,773.92 | 227.27 | 1.67 | -92.16 | -1,892.90 | -14,127.06 | 5,006.80 | 4,962.43 | 44.37 | 112.837 | | |
| 14,400.00 | 6,840.00 | 6,774.15 | 6,773.06 | 229.95 | 1.67 | -92.11 | -1,892.89 | -14,127.07 | 4,908.66 | 4,863.34 | 45.32 | 108.311 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT OSTER G 34-29 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 14,500.00 | 6,840.00 | 6,773.28 | 6,772.20 | 232.63 | 1.67 | -92.06 | -1,892.89 | -14,127.08 | 4,810.60 | 4,764.27 | 46.33 | 103.835 | | |
| 14,600.00 | 6,840.00 | 6,772.42 | 6,771.34 | 235.31 | 1.67 | -92.01 | -1,892.88 | -14,127.08 | 4,712.62 | 4,665.22 | 47.40 | 99.415 | | |
| 14,700.00 | 6,840.00 | 6,771.56 | 6,770.48 | 238.00 | 1.67 | -91.95 | -1,892.88 | -14,127.09 | 4,614.73 | 4,566.18 | 48.55 | 95.057 | | |
| 14,800.00 | 6,840.00 | 6,770.70 | 6,769.62 | 240.68 | 1.67 | -91.90 | -1,892.87 | -14,127.10 | 4,516.92 | 4,467.16 | 49.76 | 90.768 | | |
| 14,900.00 | 6,840.00 | 6,769.84 | 6,768.76 | 243.36 | 1.67 | -91.85 | -1,892.87 | -14,127.11 | 4,419.22 | 4,368.16 | 51.06 | 86.554 | | |
| 15,000.00 | 6,840.00 | 6,768.99 | 6,767.90 | 246.05 | 1.67 | -91.80 | -1,892.86 | -14,127.11 | 4,321.62 | 4,269.19 | 52.43 | 82.421 | | |
| 15,100.00 | 6,840.00 | 6,768.13 | 6,767.04 | 248.74 | 1.67 | -91.75 | -1,892.86 | -14,127.12 | 4,224.14 | 4,170.24 | 53.90 | 78.373 | | |
| 15,200.00 | 6,840.00 | 6,767.27 | 6,766.19 | 251.42 | 1.67 | -91.70 | -1,892.85 | -14,127.13 | 4,126.77 | 4,071.32 | 55.45 | 74.417 | | |
| 15,300.00 | 6,840.00 | 6,766.42 | 6,765.33 | 254.11 | 1.67 | -91.65 | -1,892.85 | -14,127.13 | 4,029.53 | 3,972.42 | 57.11 | 70.556 | | |
| 15,400.00 | 6,840.00 | 6,765.56 | 6,764.48 | 256.80 | 1.67 | -91.59 | -1,892.84 | -14,127.14 | 3,932.43 | 3,873.56 | 58.87 | 66.795 | | |
| 15,500.00 | 6,840.00 | 6,764.71 | 6,763.62 | 259.49 | 1.67 | -91.54 | -1,892.83 | -14,127.15 | 3,835.48 | 3,774.73 | 60.75 | 63.137 | | |
| 15,600.00 | 6,840.00 | 6,763.85 | 6,762.77 | 262.17 | 1.67 | -91.49 | -1,892.83 | -14,127.16 | 3,738.69 | 3,675.95 | 62.75 | 59.585 | | |
| 15,700.00 | 6,840.00 | 6,763.00 | 6,761.92 | 264.86 | 1.67 | -91.44 | -1,892.82 | -14,127.16 | 3,642.08 | 3,577.21 | 64.87 | 56.142 | | |
| 15,800.00 | 6,840.00 | 6,762.15 | 6,761.07 | 267.55 | 1.67 | -91.39 | -1,892.82 | -14,127.17 | 3,545.65 | 3,478.51 | 67.14 | 52.811 | | |
| 15,900.00 | 6,840.00 | 6,761.30 | 6,760.22 | 270.25 | 1.67 | -91.34 | -1,892.81 | -14,127.18 | 3,449.42 | 3,379.87 | 69.55 | 49.594 | | |
| 16,000.00 | 6,840.00 | 6,760.45 | 6,759.37 | 272.94 | 1.67 | -91.29 | -1,892.81 | -14,127.18 | 3,353.42 | 3,281.29 | 72.13 | 46.491 | | |
| 16,100.00 | 6,840.00 | 6,759.60 | 6,758.52 | 275.63 | 1.67 | -91.24 | -1,892.80 | -14,127.19 | 3,257.65 | 3,182.77 | 74.88 | 43.505 | | |
| 16,200.00 | 6,840.00 | 6,758.75 | 6,757.67 | 278.32 | 1.67 | -91.18 | -1,892.80 | -14,127.20 | 3,162.15 | 3,084.33 | 77.82 | 40.635 | | |
| 16,300.00 | 6,840.00 | 6,757.90 | 6,756.82 | 281.02 | 1.67 | -91.13 | -1,892.79 | -14,127.21 | 3,066.93 | 2,985.97 | 80.96 | 37.882 | | |
| 16,400.00 | 6,840.00 | 6,757.06 | 6,755.97 | 283.71 | 1.67 | -91.08 | -1,892.79 | -14,127.21 | 2,972.03 | 2,887.71 | 84.32 | 35.246 | | |
| 16,500.00 | 6,840.00 | 6,756.21 | 6,755.13 | 286.40 | 1.67 | -91.03 | -1,892.78 | -14,127.22 | 2,877.47 | 2,789.55 | 87.93 | 32.726 | | |
| 16,600.00 | 6,840.00 | 6,755.36 | 6,754.28 | 289.10 | 1.67 | -90.98 | -1,892.78 | -14,127.23 | 2,783.30 | 2,691.51 | 91.79 | 30.323 | | |
| 16,700.00 | 6,840.00 | 6,754.52 | 6,753.44 | 291.79 | 1.67 | -90.93 | -1,892.77 | -14,127.23 | 2,689.54 | 2,593.60 | 95.94 | 28.034 | | |
| 16,800.00 | 6,840.00 | 6,753.68 | 6,752.59 | 294.49 | 1.67 | -90.88 | -1,892.77 | -14,127.24 | 2,596.25 | 2,495.85 | 100.40 | 25.860 | | |
| 16,900.00 | 6,840.00 | 6,752.83 | 6,751.75 | 297.19 | 1.67 | -90.83 | -1,892.76 | -14,127.25 | 2,503.48 | 2,398.28 | 105.19 | 23.799 | | |
| 17,000.00 | 6,840.00 | 6,751.99 | 6,750.91 | 299.88 | 1.67 | -90.78 | -1,892.76 | -14,127.26 | 2,411.28 | 2,300.91 | 110.37 | 21.848 | | |
| 17,100.00 | 6,840.00 | 6,751.15 | 6,750.07 | 302.58 | 1.67 | -90.73 | -1,892.75 | -14,127.26 | 2,319.73 | 2,203.78 | 115.95 | 20.007 | | |
| 17,200.00 | 6,840.00 | 6,750.31 | 6,749.23 | 305.28 | 1.67 | -90.68 | -1,892.75 | -14,127.27 | 2,228.91 | 2,106.93 | 121.98 | 18.273 | | |
| 17,300.00 | 6,840.00 | 6,749.47 | 6,748.39 | 307.97 | 1.67 | -90.63 | -1,892.74 | -14,127.28 | 2,138.90 | 2,010.40 | 128.50 | 16.645 | | |
| 17,400.00 | 6,840.00 | 6,748.63 | 6,747.55 | 310.67 | 1.67 | -90.57 | -1,892.74 | -14,127.28 | 2,049.82 | 1,914.25 | 135.57 | 15.120 | | |
| 17,500.00 | 6,840.00 | 6,747.79 | 6,746.71 | 313.37 | 1.67 | -90.52 | -1,892.73 | -14,127.29 | 1,961.80 | 1,818.55 | 143.24 | 13.696 | | |
| 17,600.00 | 6,840.00 | 6,746.95 | 6,745.87 | 316.07 | 1.67 | -90.47 | -1,892.73 | -14,127.30 | 1,874.97 | 1,723.40 | 151.57 | 12.371 | | |
| 17,700.00 | 6,840.00 | 6,746.12 | 6,745.03 | 318.77 | 1.67 | -90.42 | -1,892.72 | -14,127.30 | 1,789.52 | 1,628.91 | 160.61 | 11.142 | | |
| 17,800.00 | 6,840.00 | 6,745.28 | 6,744.20 | 321.47 | 1.67 | -90.37 | -1,892.72 | -14,127.31 | 1,705.65 | 1,535.21 | 170.44 | 10.007 | | |
| 17,900.00 | 6,840.00 | 6,744.45 | 6,743.36 | 324.17 | 1.67 | -90.32 | -1,892.71 | -14,127.32 | 1,623.61 | 1,442.49 | 181.12 | 8.964 | | |
| 18,000.00 | 6,840.00 | 6,743.61 | 6,742.53 | 326.87 | 1.67 | -90.27 | -1,892.71 | -14,127.32 | 1,543.69 | 1,350.99 | 192.70 | 8.011 | | |
| 18,100.00 | 6,840.00 | 6,742.78 | 6,741.70 | 329.57 | 1.67 | -90.22 | -1,892.70 | -14,127.33 | 1,466.23 | 1,260.98 | 205.25 | 7.144 | | |
| 18,200.00 | 6,840.00 | 6,741.94 | 6,740.86 | 332.27 | 1.67 | -90.17 | -1,892.70 | -14,127.34 | 1,391.66 | 1,172.87 | 218.78 | 6.361 | | |
| 18,300.00 | 6,840.00 | 6,741.11 | 6,740.03 | 334.97 | 1.67 | -90.12 | -1,892.69 | -14,127.35 | 1,320.44 | 1,087.15 | 233.29 | 5.660 | | |
| 18,400.00 | 6,840.00 | 6,740.28 | 6,739.20 | 337.67 | 1.67 | -90.07 | -1,892.69 | -14,127.35 | 1,253.17 | 1,004.44 | 248.72 | 5.038 | | |
| 18,500.00 | 6,840.00 | 6,739.45 | 6,738.37 | 340.38 | 1.67 | -90.02 | -1,892.69 | -14,127.36 | 1,190.50 | 925.58 | 264.92 | 4.494 | | |
| 18,600.00 | 6,840.00 | 6,738.62 | 6,737.54 | 343.08 | 1.67 | -89.97 | -1,892.68 | -14,127.37 | 1,133.20 | 851.58 | 281.62 | 4.024 | | |
| 18,700.00 | 6,840.00 | 6,737.79 | 6,736.71 | 345.78 | 1.67 | -89.92 | -1,892.68 | -14,127.37 | 1,082.13 | 783.70 | 298.43 | 3.626 | | |
| 18,800.00 | 6,840.00 | 6,736.96 | 6,735.88 | 348.48 | 1.67 | -89.87 | -1,892.67 | -14,127.38 | 1,038.20 | 723.42 | 314.78 | 3.298 | | |
| 18,900.00 | 6,840.00 | 6,736.13 | 6,735.05 | 351.19 | 1.67 | -89.82 | -1,892.67 | -14,127.39 | 1,002.35 | 672.40 | 329.95 | 3.038 | | |
| 19,000.00 | 6,840.00 | 6,735.31 | 6,734.23 | 353.89 | 1.67 | -89.77 | -1,892.66 | -14,127.39 | 975.48 | 632.37 | 343.11 | 2.843 | | |
| 19,100.00 | 6,840.00 | 6,734.48 | 6,733.40 | 356.59 | 1.67 | -89.72 | -1,892.66 | -14,127.40 | 958.33 | 604.88 | 353.46 | 2.711 | | |
| 19,200.00 | 6,840.00 | 6,733.66 | 6,732.57 | 359.30 | 1.67 | -89.67 | -1,892.65 | -14,127.41 | 951.45 | 591.13 | 360.32 | 2.641 | | |
| 19,215.76 | 6,840.00 | 6,733.53 | 6,732.44 | 359.72 | 1.67 | -89.67 | -1,892.65 | -14,127.41 | 951.32 | 590.27 | 361.05 | 2.635 CC, ES | | |
| 19,300.00 | 6,840.00 | 6,732.83 | 6,731.75 | 362.00 | 1.67 | -89.62 | -1,892.65 | -14,127.41 | 955.04 | 591.73 | 363.31 | 2.629 SF | | |
| 19,400.00 | 6,840.00 | 6,732.01 | 6,730.93 | 364.71 | 1.67 | -89.57 | -1,892.64 | -14,127.42 | 968.99 | 606.58 | 362.42 | 2.674 | | |
| 19,500.00 | 6,840.00 | 6,731.18 | 6,730.10 | 367.41 | 1.67 | -89.52 | -1,892.64 | -14,127.43 | 992.87 | 634.88 | 357.99 | 2.773 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT OSTER G 34-29 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 19,600.00 | 6,840.00 | 6,730.36 | 6,729.28 | 370.11 | 1.67 | -89.47 | -1,892.63 | -14,127.43 | 1,025.98 | 675.34 | 350.64 | 2.926 | |
| 19,700.00 | 6,840.00 | 6,729.54 | 6,728.46 | 372.82 | 1.67 | -89.43 | -1,892.63 | -14,127.44 | 1,067.46 | 726.36 | 341.10 | 3.129 | |
| 19,800.00 | 6,840.00 | 6,728.72 | 6,727.64 | 375.53 | 1.67 | -89.38 | -1,892.62 | -14,127.45 | 1,116.39 | 786.28 | 330.11 | 3.382 | |
| 19,900.00 | 6,840.00 | 6,727.90 | 6,726.82 | 378.23 | 1.67 | -89.33 | -1,892.62 | -14,127.45 | 1,171.82 | 853.52 | 318.30 | 3.682 | |
| 20,000.00 | 6,840.00 | 6,727.08 | 6,726.00 | 380.94 | 1.67 | -89.28 | -1,892.61 | -14,127.46 | 1,232.88 | 926.70 | 306.18 | 4.027 | |
| 20,100.00 | 6,840.00 | 6,726.26 | 6,725.18 | 383.64 | 1.67 | -89.23 | -1,892.61 | -14,127.47 | 1,298.78 | 1,004.64 | 294.14 | 4.415 | |
| 20,200.00 | 6,840.00 | 6,725.44 | 6,724.36 | 386.35 | 1.67 | -89.18 | -1,892.60 | -14,127.47 | 1,368.82 | 1,086.38 | 282.44 | 4.846 | |
| 20,300.00 | 6,840.00 | 6,724.63 | 6,723.54 | 389.05 | 1.67 | -89.13 | -1,892.60 | -14,127.48 | 1,442.39 | 1,171.15 | 271.24 | 5.318 | |
| 20,400.00 | 6,840.00 | 6,723.81 | 6,722.73 | 391.76 | 1.67 | -89.08 | -1,892.59 | -14,127.49 | 1,518.99 | 1,258.36 | 260.63 | 5.828 | |
| 20,442.82 | 6,840.00 | 6,723.46 | 6,722.38 | 392.92 | 1.67 | -89.06 | -1,892.59 | -14,127.49 | 1,552.60 | 1,296.32 | 256.28 | 6.058 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT OSTER PM G 27-14 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 8,500.00 | 6,840.00 | 6,738.75 | 6,738.44 | 77.04 | 2.06 | -91.24 | -1,610.48 | -13,302.99 | 9,915.05 | 9,881.00 | 34.05 | 291.168 | | |
| 8,600.00 | 6,840.00 | 6,738.59 | 6,738.28 | 79.38 | 2.06 | -91.23 | -1,610.48 | -13,302.99 | 9,815.28 | 9,781.28 | 34.00 | 288.685 | | |
| 8,700.00 | 6,840.00 | 6,738.44 | 6,738.13 | 81.74 | 2.06 | -91.22 | -1,610.48 | -13,302.99 | 9,715.51 | 9,681.56 | 33.95 | 286.189 | | |
| 8,800.00 | 6,840.00 | 6,738.28 | 6,737.97 | 84.12 | 2.06 | -91.20 | -1,610.48 | -13,302.99 | 9,615.75 | 9,581.85 | 33.90 | 283.679 | | |
| 8,900.00 | 6,840.00 | 6,738.12 | 6,737.81 | 86.52 | 2.06 | -91.19 | -1,610.48 | -13,302.99 | 9,515.99 | 9,482.14 | 33.85 | 281.154 | | |
| 9,000.00 | 6,840.00 | 6,737.96 | 6,737.66 | 88.94 | 2.06 | -91.18 | -1,610.48 | -13,302.99 | 9,416.24 | 9,382.44 | 33.80 | 278.615 | | |
| 9,100.00 | 6,840.00 | 6,737.81 | 6,737.50 | 91.38 | 2.06 | -91.16 | -1,610.48 | -13,302.99 | 9,316.49 | 9,282.74 | 33.75 | 276.060 | | |
| 9,200.00 | 6,840.00 | 6,737.65 | 6,737.34 | 93.83 | 2.06 | -91.15 | -1,610.48 | -13,302.99 | 9,216.75 | 9,183.05 | 33.70 | 273.489 | | |
| 9,300.00 | 6,840.00 | 6,737.49 | 6,737.18 | 96.30 | 2.06 | -91.14 | -1,610.48 | -13,302.99 | 9,117.01 | 9,083.36 | 33.65 | 270.902 | | |
| 9,400.00 | 6,840.00 | 6,737.33 | 6,737.02 | 98.79 | 2.06 | -91.12 | -1,610.48 | -13,302.99 | 9,017.28 | 8,983.67 | 33.61 | 268.299 | | |
| 9,500.00 | 6,840.00 | 6,737.17 | 6,736.86 | 101.28 | 2.06 | -91.11 | -1,610.48 | -13,302.99 | 8,917.56 | 8,883.99 | 33.57 | 265.677 | | |
| 9,600.00 | 6,840.00 | 6,737.01 | 6,736.70 | 103.79 | 2.06 | -91.09 | -1,610.47 | -13,302.99 | 8,817.84 | 8,784.32 | 33.52 | 263.038 | | |
| 9,700.00 | 6,840.00 | 6,736.85 | 6,736.54 | 106.30 | 2.06 | -91.08 | -1,610.47 | -13,302.99 | 8,718.13 | 8,684.65 | 33.48 | 260.380 | | |
| 9,800.00 | 6,840.00 | 6,736.69 | 6,736.38 | 108.83 | 2.06 | -91.07 | -1,610.47 | -13,302.99 | 8,618.42 | 8,584.98 | 33.44 | 257.702 | | |
| 9,900.00 | 6,840.00 | 6,736.52 | 6,736.21 | 111.37 | 2.06 | -91.05 | -1,610.47 | -13,303.00 | 8,518.72 | 8,485.32 | 33.41 | 255.005 | | |
| 10,000.00 | 6,840.00 | 6,736.36 | 6,736.05 | 113.91 | 2.06 | -91.04 | -1,610.47 | -13,303.00 | 8,419.03 | 8,385.66 | 33.37 | 252.286 | | |
| 10,100.00 | 6,840.00 | 6,736.20 | 6,735.89 | 116.47 | 2.06 | -91.02 | -1,610.47 | -13,303.00 | 8,319.35 | 8,286.01 | 33.34 | 249.546 | | |
| 10,200.00 | 6,840.00 | 6,736.04 | 6,735.73 | 119.03 | 2.06 | -91.01 | -1,610.47 | -13,303.00 | 8,219.67 | 8,186.37 | 33.31 | 246.783 | | |
| 10,300.00 | 6,840.00 | 6,735.87 | 6,735.56 | 121.59 | 2.06 | -91.00 | -1,610.47 | -13,303.00 | 8,120.01 | 8,086.73 | 33.28 | 243.996 | | |
| 10,400.00 | 6,840.00 | 6,735.71 | 6,735.40 | 124.17 | 2.06 | -90.98 | -1,610.47 | -13,303.00 | 8,020.35 | 7,987.09 | 33.25 | 241.186 | | |
| 10,500.00 | 6,840.00 | 6,735.54 | 6,735.23 | 126.75 | 2.06 | -90.97 | -1,610.47 | -13,303.00 | 7,920.70 | 7,887.46 | 33.23 | 238.349 | | |
| 10,600.00 | 6,840.00 | 6,735.38 | 6,735.07 | 129.34 | 2.06 | -90.95 | -1,610.47 | -13,303.00 | 7,821.05 | 7,787.84 | 33.21 | 235.487 | | |
| 10,700.00 | 6,840.00 | 6,735.21 | 6,734.90 | 131.93 | 2.06 | -90.94 | -1,610.46 | -13,303.00 | 7,721.42 | 7,688.22 | 33.20 | 232.597 | | |
| 10,800.00 | 6,840.00 | 6,735.05 | 6,734.74 | 134.53 | 2.06 | -90.92 | -1,610.46 | -13,303.00 | 7,621.80 | 7,588.61 | 33.18 | 229.679 | | |
| 10,900.00 | 6,840.00 | 6,734.88 | 6,734.57 | 137.13 | 2.06 | -90.91 | -1,610.46 | -13,303.00 | 7,522.18 | 7,489.01 | 33.18 | 226.731 | | |
| 11,000.00 | 6,840.00 | 6,734.71 | 6,734.40 | 139.73 | 2.06 | -90.90 | -1,610.46 | -13,303.00 | 7,422.58 | 7,389.41 | 33.17 | 223.752 | | |
| 11,100.00 | 6,840.00 | 6,734.54 | 6,734.24 | 142.35 | 2.06 | -90.88 | -1,610.46 | -13,303.00 | 7,322.99 | 7,289.81 | 33.17 | 220.741 | | |
| 11,200.00 | 6,840.00 | 6,734.38 | 6,734.07 | 144.96 | 2.06 | -90.87 | -1,610.46 | -13,303.00 | 7,223.41 | 7,190.23 | 33.18 | 217.697 | | |
| 11,300.00 | 6,840.00 | 6,734.21 | 6,733.90 | 147.58 | 2.06 | -90.85 | -1,610.46 | -13,303.00 | 7,123.84 | 7,090.65 | 33.19 | 214.619 | | |
| 11,400.00 | 6,840.00 | 6,734.04 | 6,733.73 | 150.20 | 2.06 | -90.84 | -1,610.46 | -13,303.00 | 7,024.28 | 6,991.07 | 33.21 | 211.505 | | |
| 11,500.00 | 6,840.00 | 6,733.87 | 6,733.56 | 152.83 | 2.06 | -90.82 | -1,610.46 | -13,303.00 | 6,924.74 | 6,891.50 | 33.24 | 208.354 | | |
| 11,600.00 | 6,840.00 | 6,733.70 | 6,733.39 | 155.46 | 2.06 | -90.81 | -1,610.46 | -13,303.00 | 6,825.21 | 6,791.94 | 33.27 | 205.164 | | |
| 11,700.00 | 6,840.00 | 6,733.53 | 6,733.22 | 158.09 | 2.06 | -90.79 | -1,610.45 | -13,303.00 | 6,725.69 | 6,692.38 | 33.31 | 201.934 | | |
| 11,800.00 | 6,840.00 | 6,733.36 | 6,733.05 | 160.73 | 2.06 | -90.78 | -1,610.45 | -13,303.00 | 6,626.19 | 6,592.84 | 33.35 | 198.664 | | |
| 11,900.00 | 6,840.00 | 6,733.19 | 6,732.88 | 163.36 | 2.06 | -90.76 | -1,610.45 | -13,303.00 | 6,526.70 | 6,493.29 | 33.41 | 195.351 | | |
| 12,000.00 | 6,840.00 | 6,733.02 | 6,732.71 | 166.01 | 2.06 | -90.75 | -1,610.45 | -13,303.00 | 6,427.23 | 6,393.75 | 33.48 | 191.994 | | |
| 12,100.00 | 6,840.00 | 6,732.84 | 6,732.53 | 168.65 | 2.06 | -90.74 | -1,610.45 | -13,303.00 | 6,327.78 | 6,294.22 | 33.55 | 188.592 | | |
| 12,200.00 | 6,840.00 | 6,732.67 | 6,732.36 | 171.30 | 2.06 | -90.72 | -1,610.45 | -13,303.00 | 6,228.34 | 6,194.70 | 33.64 | 185.145 | | |
| 12,300.00 | 6,840.00 | 6,732.50 | 6,732.19 | 173.94 | 2.06 | -90.71 | -1,610.45 | -13,303.00 | 6,128.92 | 6,095.18 | 33.74 | 181.650 | | |
| 12,400.00 | 6,840.00 | 6,732.32 | 6,732.01 | 176.59 | 2.05 | -90.69 | -1,610.45 | -13,303.00 | 6,029.52 | 5,995.67 | 33.85 | 178.107 | | |
| 12,500.00 | 6,840.00 | 6,732.15 | 6,731.84 | 179.25 | 2.05 | -90.68 | -1,610.45 | -13,303.00 | 5,930.14 | 5,896.16 | 33.98 | 174.514 | | |
| 12,600.00 | 6,840.00 | 6,731.97 | 6,731.67 | 181.90 | 2.05 | -90.66 | -1,610.45 | -13,303.00 | 5,830.78 | 5,796.66 | 34.12 | 170.872 | | |
| 12,700.00 | 6,840.00 | 6,731.80 | 6,731.49 | 184.56 | 2.05 | -90.65 | -1,610.44 | -13,303.00 | 5,731.45 | 5,697.16 | 34.28 | 167.180 | | |
| 12,800.00 | 6,840.00 | 6,731.62 | 6,731.31 | 187.22 | 2.05 | -90.63 | -1,610.44 | -13,303.00 | 5,632.14 | 5,597.68 | 34.46 | 163.437 | | |
| 12,900.00 | 6,840.00 | 6,731.45 | 6,731.14 | 189.88 | 2.05 | -90.61 | -1,610.44 | -13,303.00 | 5,532.85 | 5,498.19 | 34.66 | 159.643 | | |
| 13,000.00 | 6,840.00 | 6,731.27 | 6,730.96 | 192.54 | 2.05 | -90.60 | -1,610.44 | -13,303.01 | 5,433.59 | 5,398.71 | 34.88 | 155.799 | | |
| 13,100.00 | 6,840.00 | 6,731.09 | 6,730.78 | 195.20 | 2.05 | -90.58 | -1,610.44 | -13,303.01 | 5,334.35 | 5,299.24 | 35.12 | 151.905 | | |
| 13,200.00 | 6,840.00 | 6,730.91 | 6,730.60 | 197.87 | 2.05 | -90.57 | -1,610.44 | -13,303.01 | 5,235.15 | 5,199.77 | 35.38 | 147.962 | | |
| 13,300.00 | 6,840.00 | 6,730.74 | 6,730.43 | 200.53 | 2.05 | -90.55 | -1,610.44 | -13,303.01 | 5,135.97 | 5,100.30 | 35.67 | 143.971 | | |
| 13,400.00 | 6,840.00 | 6,730.56 | 6,730.25 | 203.20 | 2.05 | -90.54 | -1,610.44 | -13,303.01 | 5,036.83 | 5,000.84 | 35.99 | 139.934 | | |
| 13,500.00 | 6,840.00 | 6,730.38 | 6,730.07 | 205.87 | 2.05 | -90.52 | -1,610.44 | -13,303.01 | 4,937.73 | 4,901.38 | 36.35 | 135.853 | | |
| 13,600.00 | 6,840.00 | 6,730.20 | 6,729.89 | 208.54 | 2.05 | -90.51 | -1,610.44 | -13,303.01 | 4,838.66 | 4,801.93 | 36.73 | 131.731 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT OSTER PM G 27-14 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 13,700.00 | 6,840.00 | 6,730.02 | 6,729.71 | 211.22 | 2.05 | -90.49 | -1,610.43 | -13,303.01 | 4,739.63 | 4,702.47 | 37.15 | 127.571 | | |
| 13,800.00 | 6,840.00 | 6,729.83 | 6,729.53 | 213.89 | 2.05 | -90.48 | -1,610.43 | -13,303.01 | 4,640.64 | 4,603.02 | 37.61 | 123.377 | | |
| 13,900.00 | 6,840.00 | 6,729.65 | 6,729.34 | 216.56 | 2.05 | -90.46 | -1,610.43 | -13,303.01 | 4,541.69 | 4,503.58 | 38.12 | 119.153 | | |
| 14,000.00 | 6,840.00 | 6,729.47 | 6,729.16 | 219.24 | 2.05 | -90.44 | -1,610.43 | -13,303.01 | 4,442.80 | 4,404.13 | 38.67 | 114.904 | | |
| 14,100.00 | 6,840.00 | 6,729.29 | 6,728.98 | 221.92 | 2.05 | -90.43 | -1,610.43 | -13,303.01 | 4,343.95 | 4,304.69 | 39.26 | 110.636 | | |
| 14,200.00 | 6,840.00 | 6,729.10 | 6,728.80 | 224.59 | 2.05 | -90.41 | -1,610.43 | -13,303.01 | 4,245.16 | 4,205.24 | 39.91 | 106.355 | | |
| 14,300.00 | 6,840.00 | 6,728.92 | 6,728.61 | 227.27 | 2.05 | -90.40 | -1,610.43 | -13,303.01 | 4,146.42 | 4,105.80 | 40.62 | 102.068 | | |
| 14,400.00 | 6,840.00 | 6,728.74 | 6,728.43 | 229.95 | 2.05 | -90.38 | -1,610.43 | -13,303.01 | 4,047.75 | 4,006.35 | 41.40 | 97.782 | | |
| 14,500.00 | 6,840.00 | 6,728.55 | 6,728.24 | 232.63 | 2.05 | -90.37 | -1,610.43 | -13,303.01 | 3,949.14 | 3,906.91 | 42.23 | 93.505 | | |
| 14,600.00 | 6,840.00 | 6,728.37 | 6,728.06 | 235.31 | 2.05 | -90.35 | -1,610.43 | -13,303.01 | 3,850.61 | 3,807.46 | 43.15 | 89.244 | | |
| 14,700.00 | 6,840.00 | 6,728.18 | 6,727.87 | 238.00 | 2.05 | -90.33 | -1,610.42 | -13,303.01 | 3,752.15 | 3,708.01 | 44.14 | 85.009 | | |
| 14,800.00 | 6,840.00 | 6,727.99 | 6,727.68 | 240.68 | 2.05 | -90.32 | -1,610.42 | -13,303.01 | 3,653.78 | 3,608.56 | 45.22 | 80.808 | | |
| 14,900.00 | 6,840.00 | 6,727.81 | 6,727.50 | 243.36 | 2.05 | -90.30 | -1,610.42 | -13,303.01 | 3,555.49 | 3,509.11 | 46.39 | 76.651 | | |
| 15,000.00 | 6,840.00 | 6,727.62 | 6,727.31 | 246.05 | 2.05 | -90.29 | -1,610.42 | -13,303.01 | 3,457.31 | 3,409.65 | 47.66 | 72.546 | | |
| 15,100.00 | 6,840.00 | 6,727.43 | 6,727.12 | 248.74 | 2.05 | -90.27 | -1,610.42 | -13,303.01 | 3,359.23 | 3,310.20 | 49.04 | 68.503 | | |
| 15,200.00 | 6,840.00 | 6,727.24 | 6,726.93 | 251.42 | 2.05 | -90.25 | -1,610.42 | -13,303.01 | 3,261.27 | 3,210.73 | 50.54 | 64.531 | | |
| 15,300.00 | 6,840.00 | 6,727.05 | 6,726.74 | 254.11 | 2.05 | -90.24 | -1,610.42 | -13,303.01 | 3,163.44 | 3,111.27 | 52.17 | 60.638 | | |
| 15,400.00 | 6,840.00 | 6,726.86 | 6,726.55 | 256.80 | 2.05 | -90.22 | -1,610.42 | -13,303.01 | 3,065.75 | 3,011.81 | 53.94 | 56.833 | | |
| 15,500.00 | 6,840.00 | 6,726.67 | 6,726.36 | 259.49 | 2.05 | -90.20 | -1,610.42 | -13,303.01 | 2,968.21 | 2,912.34 | 55.87 | 53.125 | | |
| 15,600.00 | 6,840.00 | 6,726.48 | 6,726.17 | 262.17 | 2.05 | -90.19 | -1,610.42 | -13,303.01 | 2,870.84 | 2,812.87 | 57.97 | 49.522 | | |
| 15,700.00 | 6,840.00 | 6,726.29 | 6,725.98 | 264.86 | 2.05 | -90.17 | -1,610.41 | -13,303.02 | 2,773.66 | 2,713.40 | 60.26 | 46.029 | | |
| 15,800.00 | 6,840.00 | 6,726.09 | 6,725.79 | 267.55 | 2.05 | -90.15 | -1,610.41 | -13,303.02 | 2,676.68 | 2,613.93 | 62.75 | 42.655 | | |
| 15,900.00 | 6,840.00 | 6,725.90 | 6,725.59 | 270.25 | 2.05 | -90.14 | -1,610.41 | -13,303.02 | 2,579.94 | 2,514.46 | 65.47 | 39.404 | | |
| 16,000.00 | 6,840.00 | 6,725.71 | 6,725.40 | 272.94 | 2.05 | -90.12 | -1,610.41 | -13,303.02 | 2,483.45 | 2,415.00 | 68.45 | 36.282 | | |
| 16,100.00 | 6,840.00 | 6,725.51 | 6,725.21 | 275.63 | 2.05 | -90.10 | -1,610.41 | -13,303.02 | 2,387.26 | 2,315.55 | 71.70 | 33.293 | | |
| 16,200.00 | 6,840.00 | 6,725.32 | 6,725.01 | 278.32 | 2.05 | -90.09 | -1,610.41 | -13,303.02 | 2,291.39 | 2,216.11 | 75.27 | 30.441 | | |
| 16,300.00 | 6,840.00 | 6,725.12 | 6,724.81 | 281.02 | 2.05 | -90.07 | -1,610.41 | -13,303.02 | 2,195.88 | 2,116.69 | 79.19 | 27.730 | | |
| 16,400.00 | 6,840.00 | 6,724.93 | 6,724.62 | 283.71 | 2.05 | -90.05 | -1,610.41 | -13,303.02 | 2,100.80 | 2,017.30 | 83.50 | 25.160 | | |
| 16,500.00 | 6,840.00 | 6,724.73 | 6,724.42 | 286.40 | 2.05 | -90.04 | -1,610.41 | -13,303.02 | 2,006.19 | 1,917.94 | 88.25 | 22.733 | | |
| 16,600.00 | 6,840.00 | 6,724.53 | 6,724.22 | 289.10 | 2.05 | -90.02 | -1,610.40 | -13,303.02 | 1,912.14 | 1,818.64 | 93.50 | 20.451 | | |
| 16,700.00 | 6,840.00 | 6,724.34 | 6,724.03 | 291.79 | 2.05 | -90.00 | -1,610.40 | -13,303.02 | 1,818.71 | 1,719.40 | 99.31 | 18.313 | | |
| 16,800.00 | 6,840.00 | 6,724.14 | 6,723.83 | 294.49 | 2.05 | -89.99 | -1,610.40 | -13,303.02 | 1,726.03 | 1,620.26 | 105.77 | 16.318 | | |
| 16,900.00 | 6,840.00 | 6,723.94 | 6,723.63 | 297.19 | 2.05 | -89.97 | -1,610.40 | -13,303.02 | 1,634.21 | 1,521.24 | 112.96 | 14.467 | | |
| 17,000.00 | 6,840.00 | 6,723.74 | 6,723.43 | 299.88 | 2.05 | -89.95 | -1,610.40 | -13,303.02 | 1,543.40 | 1,422.41 | 120.99 | 12.756 | | |
| 17,100.00 | 6,840.00 | 6,723.54 | 6,723.23 | 302.58 | 2.05 | -89.93 | -1,610.40 | -13,303.02 | 1,453.80 | 1,323.82 | 129.99 | 11.184 | | |
| 17,200.00 | 6,840.00 | 6,723.34 | 6,723.03 | 305.28 | 2.05 | -89.92 | -1,610.40 | -13,303.02 | 1,365.65 | 1,225.57 | 140.08 | 9.749 | | |
| 17,300.00 | 6,840.00 | 6,723.14 | 6,722.83 | 307.97 | 2.05 | -89.90 | -1,610.40 | -13,303.02 | 1,279.24 | 1,127.81 | 151.43 | 8.448 | | |
| 17,400.00 | 6,840.00 | 6,722.93 | 6,722.62 | 310.67 | 2.05 | -89.88 | -1,610.40 | -13,303.02 | 1,194.95 | 1,030.75 | 164.20 | 7.277 | | |
| 17,500.00 | 6,840.00 | 6,722.73 | 6,722.42 | 313.37 | 2.05 | -89.86 | -1,610.40 | -13,303.02 | 1,113.26 | 934.69 | 178.57 | 6.234 | | |
| 17,600.00 | 6,840.00 | 6,722.53 | 6,722.22 | 316.07 | 2.05 | -89.85 | -1,610.39 | -13,303.02 | 1,034.80 | 840.10 | 194.69 | 5.315 | | |
| 17,700.00 | 6,840.00 | 6,722.32 | 6,722.01 | 318.77 | 2.05 | -89.83 | -1,610.39 | -13,303.02 | 960.34 | 747.68 | 212.66 | 4.516 | | |
| 17,800.00 | 6,840.00 | 6,722.12 | 6,721.81 | 321.47 | 2.05 | -89.81 | -1,610.39 | -13,303.02 | 890.90 | 658.48 | 232.42 | 3.833 | | |
| 17,900.00 | 6,840.00 | 6,721.91 | 6,721.60 | 324.17 | 2.05 | -89.79 | -1,610.39 | -13,303.02 | 827.75 | 574.06 | 253.68 | 3.263 | | |
| 18,000.00 | 6,840.00 | 6,721.71 | 6,721.40 | 326.87 | 2.05 | -89.78 | -1,610.39 | -13,303.02 | 772.41 | 496.66 | 275.75 | 2.801 | | |
| 18,100.00 | 6,840.00 | 6,721.50 | 6,721.19 | 329.57 | 2.05 | -89.76 | -1,610.39 | -13,303.03 | 726.68 | 429.34 | 297.35 | 2.444 | | |
| 18,200.00 | 6,840.00 | 6,721.29 | 6,720.98 | 332.27 | 2.05 | -89.74 | -1,610.39 | -13,303.03 | 692.48 | 375.86 | 316.61 | 2.187 | | |
| 18,300.00 | 6,840.00 | 6,721.08 | 6,720.78 | 334.97 | 2.05 | -89.72 | -1,610.39 | -13,303.03 | 671.55 | 340.23 | 331.32 | 2.027 | | |
| 18,392.74 | 6,840.00 | 6,720.89 | 6,720.58 | 337.48 | 2.05 | -89.71 | -1,610.39 | -13,303.03 | 665.11 | 325.95 | 339.16 | 1.961 CC | | |
| 18,400.00 | 6,840.00 | 6,720.88 | 6,720.57 | 337.67 | 2.05 | -89.70 | -1,610.39 | -13,303.03 | 665.15 | 325.64 | 339.51 | 1.959 ES, SF | | |
| 18,500.00 | 6,840.00 | 6,720.67 | 6,720.36 | 340.38 | 2.05 | -89.69 | -1,610.38 | -13,303.03 | 673.71 | 333.45 | 340.26 | 1.980 | | |
| 18,600.00 | 6,840.00 | 6,720.46 | 6,720.15 | 343.08 | 2.05 | -89.67 | -1,610.38 | -13,303.03 | 696.66 | 362.60 | 334.05 | 2.085 | | |
| 18,700.00 | 6,840.00 | 6,720.25 | 6,719.94 | 345.78 | 2.05 | -89.65 | -1,610.38 | -13,303.03 | 732.66 | 410.16 | 322.50 | 2.272 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT OSTER PM G 27-14 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 18,800.00 | 6,840.00 | 6,720.03 | 6,719.73 | 348.48 | 2.05 | -89.63 | -1,610.38 | -13,303.03 | 779.90 | 472.28 | 307.62 | 2.535 | |
| 18,900.00 | 6,840.00 | 6,719.82 | 6,719.51 | 351.19 | 2.05 | -89.61 | -1,610.38 | -13,303.03 | 836.48 | 545.25 | 291.22 | 2.872 | |
| 19,000.00 | 6,840.00 | 6,719.61 | 6,719.30 | 353.89 | 2.05 | -89.60 | -1,610.38 | -13,303.03 | 900.63 | 625.99 | 274.65 | 3.279 | |
| 19,100.00 | 6,840.00 | 6,719.40 | 6,719.09 | 356.59 | 2.05 | -89.58 | -1,610.38 | -13,303.03 | 970.87 | 712.16 | 258.71 | 3.753 | |
| 19,200.00 | 6,840.00 | 6,719.18 | 6,718.87 | 359.30 | 2.05 | -89.56 | -1,610.38 | -13,303.03 | 1,045.97 | 802.13 | 243.84 | 4.290 | |
| 19,300.00 | 6,840.00 | 6,718.97 | 6,718.66 | 362.00 | 2.05 | -89.54 | -1,610.38 | -13,303.03 | 1,124.94 | 894.74 | 230.21 | 4.887 | |
| 19,400.00 | 6,840.00 | 6,718.75 | 6,718.44 | 364.71 | 2.05 | -89.52 | -1,610.37 | -13,303.03 | 1,207.04 | 989.20 | 217.84 | 5.541 | |
| 19,500.00 | 6,840.00 | 6,718.54 | 6,718.23 | 367.41 | 2.05 | -89.50 | -1,610.37 | -13,303.03 | 1,291.67 | 1,084.98 | 206.69 | 6.249 | |
| 19,600.00 | 6,840.00 | 6,718.32 | 6,718.01 | 370.11 | 2.05 | -89.48 | -1,610.37 | -13,303.03 | 1,378.35 | 1,181.71 | 196.64 | 7.009 | |
| 19,700.00 | 6,840.00 | 6,718.10 | 6,717.79 | 372.82 | 2.05 | -89.47 | -1,610.37 | -13,303.03 | 1,466.73 | 1,279.13 | 187.60 | 7.818 | |
| 19,800.00 | 6,840.00 | 6,717.88 | 6,717.57 | 375.53 | 2.05 | -89.45 | -1,610.37 | -13,303.03 | 1,556.52 | 1,377.07 | 179.46 | 8.674 | |
| 19,900.00 | 6,840.00 | 6,717.66 | 6,717.35 | 378.23 | 2.05 | -89.43 | -1,610.37 | -13,303.03 | 1,647.49 | 1,475.39 | 172.10 | 9.573 | |
| 20,000.00 | 6,840.00 | 6,717.44 | 6,717.14 | 380.94 | 2.05 | -89.41 | -1,610.37 | -13,303.03 | 1,739.44 | 1,574.00 | 165.44 | 10.514 | |
| 20,100.00 | 6,840.00 | 6,717.22 | 6,716.91 | 383.64 | 2.05 | -89.39 | -1,610.37 | -13,303.03 | 1,832.24 | 1,672.84 | 159.40 | 11.494 | |
| 20,200.00 | 6,840.00 | 6,717.00 | 6,716.69 | 386.35 | 2.05 | -89.37 | -1,610.37 | -13,303.03 | 1,925.76 | 1,771.85 | 153.91 | 12.512 | |
| 20,300.00 | 6,840.00 | 6,716.78 | 6,716.47 | 389.05 | 2.05 | -89.35 | -1,610.37 | -13,303.04 | 2,019.90 | 1,871.01 | 148.90 | 13.566 | |
| 20,400.00 | 6,840.00 | 6,716.56 | 6,716.25 | 391.76 | 2.05 | -89.33 | -1,610.36 | -13,303.04 | 2,114.58 | 1,970.27 | 144.31 | 14.653 | |
| 20,442.82 | 6,840.00 | 6,716.46 | 6,716.15 | 392.92 | 2.05 | -89.32 | -1,610.36 | -13,303.04 | 2,155.27 | 2,012.80 | 142.47 | 15.128 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT OSTER R G 27-13 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,000.00 | 6,840.00 | 6,834.13 | 6,833.75 | 113.91 | 1.91 | -99.60 | -1,403.47 | -14,859.96 | 9,961.84 | 9,927.45 | 34.39 | 289.637 | | |
| 10,100.00 | 6,840.00 | 6,833.17 | 6,832.79 | 116.47 | 1.91 | -99.49 | -1,403.45 | -14,859.97 | 9,861.96 | 9,827.58 | 34.37 | 286.926 | | |
| 10,200.00 | 6,840.00 | 6,832.22 | 6,831.84 | 119.03 | 1.91 | -99.37 | -1,403.43 | -14,859.98 | 9,762.07 | 9,727.72 | 34.35 | 284.207 | | |
| 10,300.00 | 6,840.00 | 6,831.26 | 6,830.88 | 121.59 | 1.91 | -99.26 | -1,403.41 | -14,859.99 | 9,662.19 | 9,627.86 | 34.33 | 281.480 | | |
| 10,400.00 | 6,840.00 | 6,830.31 | 6,829.93 | 124.17 | 1.91 | -99.14 | -1,403.40 | -14,860.00 | 9,562.31 | 9,528.00 | 34.30 | 278.745 | | |
| 10,500.00 | 6,840.00 | 6,829.36 | 6,828.98 | 126.75 | 1.91 | -99.03 | -1,403.38 | -14,860.00 | 9,462.43 | 9,428.15 | 34.28 | 276.001 | | |
| 10,600.00 | 6,840.00 | 6,828.41 | 6,828.03 | 129.34 | 1.91 | -98.92 | -1,403.36 | -14,860.01 | 9,362.56 | 9,328.29 | 34.26 | 273.248 | | |
| 10,700.00 | 6,840.00 | 6,827.46 | 6,827.08 | 131.93 | 1.91 | -98.80 | -1,403.34 | -14,860.02 | 9,262.69 | 9,228.44 | 34.24 | 270.486 | | |
| 10,800.00 | 6,840.00 | 6,826.51 | 6,826.14 | 134.53 | 1.91 | -98.69 | -1,403.32 | -14,860.03 | 9,162.82 | 9,128.59 | 34.23 | 267.716 | | |
| 10,900.00 | 6,840.00 | 6,825.57 | 6,825.19 | 137.13 | 1.91 | -98.58 | -1,403.31 | -14,860.04 | 9,062.95 | 9,028.74 | 34.21 | 264.936 | | |
| 11,000.00 | 6,840.00 | 6,824.63 | 6,824.25 | 139.73 | 1.91 | -98.46 | -1,403.29 | -14,860.04 | 8,963.09 | 8,928.90 | 34.19 | 262.147 | | |
| 11,100.00 | 6,840.00 | 6,823.69 | 6,823.31 | 142.35 | 1.91 | -98.35 | -1,403.27 | -14,860.05 | 8,863.23 | 8,829.05 | 34.17 | 259.348 | | |
| 11,200.00 | 6,840.00 | 6,822.75 | 6,822.38 | 144.96 | 1.91 | -98.24 | -1,403.25 | -14,860.06 | 8,763.37 | 8,729.21 | 34.16 | 256.540 | | |
| 11,300.00 | 6,840.00 | 6,821.82 | 6,821.44 | 147.58 | 1.91 | -98.12 | -1,403.23 | -14,860.07 | 8,663.51 | 8,629.37 | 34.15 | 253.721 | | |
| 11,400.00 | 6,840.00 | 6,820.88 | 6,820.51 | 150.20 | 1.91 | -98.01 | -1,403.22 | -14,860.08 | 8,563.66 | 8,529.53 | 34.13 | 250.892 | | |
| 11,500.00 | 6,840.00 | 6,819.95 | 6,819.57 | 152.83 | 1.91 | -97.90 | -1,403.20 | -14,860.08 | 8,463.82 | 8,429.69 | 34.12 | 248.052 | | |
| 11,600.00 | 6,840.00 | 6,819.02 | 6,818.64 | 155.46 | 1.91 | -97.79 | -1,403.18 | -14,860.09 | 8,363.97 | 8,329.86 | 34.11 | 245.202 | | |
| 11,700.00 | 6,840.00 | 6,818.09 | 6,817.72 | 158.09 | 1.91 | -97.68 | -1,403.16 | -14,860.10 | 8,264.13 | 8,230.03 | 34.10 | 242.340 | | |
| 11,800.00 | 6,840.00 | 6,817.17 | 6,816.79 | 160.73 | 1.91 | -97.56 | -1,403.15 | -14,860.11 | 8,164.29 | 8,130.20 | 34.09 | 239.466 | | |
| 11,900.00 | 6,840.00 | 6,816.24 | 6,815.87 | 163.36 | 1.91 | -97.45 | -1,403.13 | -14,860.12 | 8,064.46 | 8,030.37 | 34.09 | 236.581 | | |
| 12,000.00 | 6,840.00 | 6,815.32 | 6,814.94 | 166.01 | 1.91 | -97.34 | -1,403.11 | -14,860.12 | 7,964.63 | 7,930.55 | 34.08 | 233.683 | | |
| 12,100.00 | 6,840.00 | 12,100.00 | 6,785.01 | 168.65 | 3.06 | -93.69 | -1,402.58 | -14,860.32 | 7,864.81 | 7,830.11 | 34.70 | 226.670 | | |
| 12,200.00 | 6,840.00 | 12,200.00 | 6,784.52 | 171.30 | 3.09 | -93.64 | -1,402.58 | -14,860.33 | 7,764.99 | 7,730.28 | 34.71 | 223.724 | | |
| 12,300.00 | 6,840.00 | 12,300.00 | 6,784.04 | 173.94 | 3.13 | -93.58 | -1,402.57 | -14,860.33 | 7,665.17 | 7,630.45 | 34.72 | 220.767 | | |
| 12,400.00 | 6,840.00 | 12,400.00 | 6,783.56 | 176.59 | 3.16 | -93.52 | -1,402.56 | -14,860.33 | 7,565.36 | 7,530.62 | 34.74 | 217.797 | | |
| 12,500.00 | 6,840.00 | 12,500.00 | 6,783.08 | 179.25 | 3.19 | -93.46 | -1,402.55 | -14,860.33 | 7,465.55 | 7,430.79 | 34.75 | 214.813 | | |
| 12,600.00 | 6,840.00 | 6,819.51 | 6,819.13 | 181.90 | 1.91 | -97.85 | -1,403.19 | -14,860.08 | 7,365.75 | 7,331.69 | 34.07 | 216.224 | | |
| 12,700.00 | 6,840.00 | 6,817.45 | 6,817.07 | 184.56 | 1.91 | -97.60 | -1,403.15 | -14,860.10 | 7,265.96 | 7,231.88 | 34.08 | 213.203 | | |
| 12,800.00 | 6,840.00 | 6,815.45 | 6,815.07 | 187.22 | 1.91 | -97.36 | -1,403.12 | -14,860.12 | 7,166.17 | 7,132.07 | 34.10 | 210.166 | | |
| 12,900.00 | 6,840.00 | 6,813.51 | 6,813.13 | 189.88 | 1.91 | -97.12 | -1,403.08 | -14,860.13 | 7,066.39 | 7,032.27 | 34.12 | 207.113 | | |
| 13,000.00 | 6,840.00 | 6,811.63 | 6,811.25 | 192.54 | 1.91 | -96.89 | -1,403.04 | -14,860.15 | 6,966.61 | 6,932.47 | 34.14 | 204.043 | | |
| 13,100.00 | 6,840.00 | 6,809.80 | 6,809.42 | 195.20 | 1.91 | -96.67 | -1,403.01 | -14,860.17 | 6,866.84 | 6,832.67 | 34.17 | 200.955 | | |
| 13,200.00 | 6,840.00 | 6,808.02 | 6,807.65 | 197.87 | 1.91 | -96.46 | -1,402.98 | -14,860.18 | 6,767.08 | 6,732.87 | 34.20 | 197.849 | | |
| 13,300.00 | 6,840.00 | 6,806.29 | 6,805.92 | 200.53 | 1.91 | -96.25 | -1,402.94 | -14,860.20 | 6,667.32 | 6,633.08 | 34.24 | 194.723 | | |
| 13,400.00 | 6,840.00 | 6,804.62 | 6,804.24 | 203.20 | 1.91 | -96.04 | -1,402.91 | -14,860.21 | 6,567.57 | 6,533.29 | 34.28 | 191.577 | | |
| 13,500.00 | 6,840.00 | 6,802.98 | 6,802.61 | 205.87 | 1.91 | -95.85 | -1,402.88 | -14,860.23 | 6,467.83 | 6,433.50 | 34.33 | 188.411 | | |
| 13,600.00 | 6,840.00 | 6,801.39 | 6,801.02 | 208.54 | 1.91 | -95.65 | -1,402.85 | -14,860.24 | 6,368.09 | 6,333.71 | 34.38 | 185.223 | | |
| 13,700.00 | 6,840.00 | 6,799.85 | 6,799.47 | 211.22 | 1.91 | -95.46 | -1,402.82 | -14,860.26 | 6,268.37 | 6,233.93 | 34.44 | 182.012 | | |
| 13,800.00 | 6,840.00 | 6,798.34 | 6,797.97 | 213.89 | 1.91 | -95.28 | -1,402.80 | -14,860.27 | 6,168.65 | 6,134.14 | 34.50 | 178.779 | | |
| 13,900.00 | 6,840.00 | 6,796.87 | 6,796.50 | 216.56 | 1.91 | -95.10 | -1,402.77 | -14,860.28 | 6,068.94 | 6,034.36 | 34.58 | 175.521 | | |
| 14,000.00 | 6,840.00 | 6,795.44 | 6,795.07 | 219.24 | 1.91 | -94.93 | -1,402.74 | -14,860.29 | 5,969.24 | 5,934.58 | 34.66 | 172.238 | | |
| 14,100.00 | 6,840.00 | 6,794.05 | 6,793.68 | 221.92 | 1.91 | -94.76 | -1,402.72 | -14,860.30 | 5,869.55 | 5,834.81 | 34.75 | 168.929 | | |
| 14,200.00 | 6,840.00 | 6,792.69 | 6,792.32 | 224.59 | 1.91 | -94.59 | -1,402.69 | -14,860.31 | 5,769.87 | 5,735.03 | 34.84 | 165.593 | | |
| 14,300.00 | 6,840.00 | 6,791.36 | 6,790.99 | 227.27 | 1.91 | -94.43 | -1,402.67 | -14,860.32 | 5,670.21 | 5,635.26 | 34.95 | 162.229 | | |
| 14,400.00 | 6,840.00 | 6,790.07 | 6,789.70 | 229.95 | 1.91 | -94.27 | -1,402.65 | -14,860.33 | 5,570.55 | 5,535.48 | 35.07 | 158.837 | | |
| 14,500.00 | 6,840.00 | 6,788.81 | 6,788.44 | 232.63 | 1.91 | -94.11 | -1,402.62 | -14,860.34 | 5,470.91 | 5,435.71 | 35.20 | 155.416 | | |
| 14,600.00 | 6,840.00 | 6,787.57 | 6,787.20 | 235.31 | 1.91 | -93.96 | -1,402.60 | -14,860.35 | 5,371.28 | 5,335.93 | 35.35 | 151.965 | | |
| 14,700.00 | 6,840.00 | 6,786.37 | 6,786.00 | 238.00 | 1.91 | -93.82 | -1,402.58 | -14,860.36 | 5,271.66 | 5,236.16 | 35.50 | 148.483 | | |
| 14,800.00 | 6,840.00 | 6,785.19 | 6,784.83 | 240.68 | 1.91 | -93.67 | -1,402.56 | -14,860.37 | 5,172.06 | 5,136.38 | 35.68 | 144.970 | | |
| 14,900.00 | 6,840.00 | 6,784.05 | 6,783.68 | 243.36 | 1.91 | -93.53 | -1,402.54 | -14,860.38 | 5,072.48 | 5,036.61 | 35.87 | 141.425 | | |
| 15,000.00 | 6,840.00 | 6,782.92 | 6,782.55 | 246.05 | 1.91 | -93.39 | -1,402.52 | -14,860.39 | 4,972.91 | 4,936.83 | 36.08 | 137.848 | | |
| 15,100.00 | 6,840.00 | 6,781.83 | 6,781.46 | 248.74 | 1.91 | -93.26 | -1,402.50 | -14,860.39 | 4,873.35 | 4,837.05 | 36.30 | 134.239 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT OSTER R G 27-13 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,200.00 | 6,840.00 | 6,780.75 | 6,780.38 | 251.42 | 1.91 | -93.13 | -1,402.48 | -14,860.40 | 4,773.82 | 4,737.27 | 36.55 | 130.598 | | |
| 15,300.00 | 6,840.00 | 6,779.70 | 6,779.33 | 254.11 | 1.91 | -93.00 | -1,402.46 | -14,860.41 | 4,674.31 | 4,637.48 | 36.83 | 126.924 | | |
| 15,400.00 | 6,840.00 | 6,778.67 | 6,778.31 | 256.80 | 1.91 | -92.87 | -1,402.44 | -14,860.42 | 4,574.81 | 4,537.69 | 37.13 | 123.220 | | |
| 15,500.00 | 6,840.00 | 6,777.67 | 6,777.30 | 259.49 | 1.91 | -92.75 | -1,402.42 | -14,860.42 | 4,475.34 | 4,437.89 | 37.46 | 119.485 | | |
| 15,600.00 | 6,840.00 | 6,776.69 | 6,776.32 | 262.17 | 1.91 | -92.63 | -1,402.41 | -14,860.43 | 4,375.90 | 4,338.08 | 37.81 | 115.720 | | |
| 15,700.00 | 6,840.00 | 6,775.72 | 6,775.36 | 264.86 | 1.91 | -92.51 | -1,402.39 | -14,860.44 | 4,276.48 | 4,238.27 | 38.21 | 111.928 | | |
| 15,800.00 | 6,840.00 | 6,774.78 | 6,774.41 | 267.55 | 1.91 | -92.39 | -1,402.37 | -14,860.44 | 4,177.08 | 4,138.45 | 38.64 | 108.109 | | |
| 15,900.00 | 6,840.00 | 6,773.86 | 6,773.49 | 270.25 | 1.91 | -92.28 | -1,402.36 | -14,860.45 | 4,077.72 | 4,038.61 | 39.11 | 104.267 | | |
| 16,000.00 | 6,840.00 | 6,772.95 | 6,772.58 | 272.94 | 1.91 | -92.17 | -1,402.34 | -14,860.45 | 3,978.39 | 3,938.77 | 39.62 | 100.404 | | |
| 16,100.00 | 6,840.00 | 6,772.06 | 6,771.70 | 275.63 | 1.91 | -92.06 | -1,402.33 | -14,860.46 | 3,879.09 | 3,838.90 | 40.19 | 96.524 | | |
| 16,200.00 | 6,840.00 | 6,771.19 | 6,770.83 | 278.32 | 1.91 | -91.95 | -1,402.31 | -14,860.47 | 3,779.83 | 3,739.02 | 40.81 | 92.630 | | |
| 16,300.00 | 6,840.00 | 6,770.34 | 6,769.98 | 281.02 | 1.91 | -91.85 | -1,402.30 | -14,860.47 | 3,680.61 | 3,639.13 | 41.48 | 88.728 | | |
| 16,400.00 | 6,840.00 | 6,769.51 | 6,769.14 | 283.71 | 1.91 | -91.74 | -1,402.28 | -14,860.48 | 3,581.43 | 3,539.21 | 42.22 | 84.821 | | |
| 16,500.00 | 6,840.00 | 6,768.69 | 6,768.32 | 286.40 | 1.91 | -91.64 | -1,402.27 | -14,860.48 | 3,482.30 | 3,439.27 | 43.04 | 80.917 | | |
| 16,600.00 | 6,840.00 | 6,767.89 | 6,767.52 | 289.10 | 1.91 | -91.54 | -1,402.25 | -14,860.49 | 3,383.22 | 3,339.30 | 43.93 | 77.021 | | |
| 16,700.00 | 6,840.00 | 6,767.10 | 6,766.73 | 291.79 | 1.91 | -91.45 | -1,402.24 | -14,860.49 | 3,284.20 | 3,239.30 | 44.90 | 73.141 | | |
| 16,800.00 | 6,840.00 | 6,766.32 | 6,765.96 | 294.49 | 1.91 | -91.35 | -1,402.23 | -14,860.50 | 3,185.23 | 3,139.26 | 45.97 | 69.284 | | |
| 16,900.00 | 6,840.00 | 6,765.56 | 6,765.20 | 297.19 | 1.91 | -91.26 | -1,402.21 | -14,860.50 | 3,086.34 | 3,039.19 | 47.15 | 65.458 | | |
| 17,000.00 | 6,840.00 | 6,764.82 | 6,764.45 | 299.88 | 1.91 | -91.17 | -1,402.20 | -14,860.50 | 2,987.51 | 2,939.07 | 48.44 | 61.671 | | |
| 17,100.00 | 6,840.00 | 6,764.09 | 6,763.72 | 302.58 | 1.91 | -91.08 | -1,402.19 | -14,860.51 | 2,888.77 | 2,838.91 | 49.86 | 57.933 | | |
| 17,200.00 | 6,840.00 | 6,763.37 | 6,763.01 | 305.28 | 1.91 | -90.99 | -1,402.18 | -14,860.51 | 2,790.12 | 2,738.69 | 51.43 | 54.252 | | |
| 17,300.00 | 6,840.00 | 6,762.67 | 6,762.30 | 307.97 | 1.91 | -90.90 | -1,402.16 | -14,860.52 | 2,691.57 | 2,638.41 | 53.15 | 50.639 | | |
| 17,400.00 | 6,840.00 | 6,761.97 | 6,761.61 | 310.67 | 1.91 | -90.82 | -1,402.15 | -14,860.52 | 2,593.12 | 2,538.07 | 55.05 | 47.103 | | |
| 17,500.00 | 6,840.00 | 6,761.29 | 6,760.93 | 313.37 | 1.91 | -90.73 | -1,402.14 | -14,860.52 | 2,494.80 | 2,437.65 | 57.15 | 43.652 | | |
| 17,600.00 | 6,840.00 | 6,760.62 | 6,760.26 | 316.07 | 1.91 | -90.65 | -1,402.13 | -14,860.53 | 2,396.62 | 2,337.15 | 59.47 | 40.297 | | |
| 17,700.00 | 6,840.00 | 6,759.97 | 6,759.60 | 318.77 | 1.91 | -90.57 | -1,402.12 | -14,860.53 | 2,298.60 | 2,236.55 | 62.05 | 37.047 | | |
| 17,800.00 | 6,840.00 | 6,759.32 | 6,758.96 | 321.47 | 1.91 | -90.49 | -1,402.11 | -14,860.54 | 2,200.75 | 2,135.85 | 64.90 | 33.909 | | |
| 17,900.00 | 6,840.00 | 6,758.69 | 6,758.32 | 324.17 | 1.91 | -90.41 | -1,402.10 | -14,860.54 | 2,103.11 | 2,035.03 | 68.08 | 30.893 | | |
| 18,000.00 | 6,840.00 | 6,758.06 | 6,757.70 | 326.87 | 1.91 | -90.33 | -1,402.09 | -14,860.54 | 2,005.70 | 1,934.08 | 71.62 | 28.005 | | |
| 18,100.00 | 6,840.00 | 6,757.45 | 6,757.09 | 329.57 | 1.91 | -90.26 | -1,402.08 | -14,860.55 | 1,908.55 | 1,832.97 | 75.58 | 25.252 | | |
| 18,200.00 | 6,840.00 | 6,756.85 | 6,756.48 | 332.27 | 1.91 | -90.18 | -1,402.07 | -14,860.55 | 1,811.72 | 1,731.70 | 80.02 | 22.640 | | |
| 18,300.00 | 6,840.00 | 6,756.25 | 6,755.89 | 334.97 | 1.91 | -90.11 | -1,402.06 | -14,860.55 | 1,715.25 | 1,630.23 | 85.02 | 20.174 | | |
| 18,400.00 | 6,840.00 | 6,755.67 | 6,755.31 | 337.67 | 1.91 | -90.04 | -1,402.05 | -14,860.55 | 1,619.21 | 1,528.53 | 90.67 | 17.857 | | |
| 18,500.00 | 6,840.00 | 6,755.10 | 6,754.73 | 340.38 | 1.91 | -89.97 | -1,402.04 | -14,860.56 | 1,523.67 | 1,426.59 | 97.09 | 15.694 | | |
| 18,600.00 | 6,840.00 | 6,754.53 | 6,754.17 | 343.08 | 1.91 | -89.90 | -1,402.03 | -14,860.56 | 1,428.75 | 1,324.35 | 104.40 | 13.686 | | |
| 18,700.00 | 6,840.00 | 6,753.98 | 6,753.61 | 345.78 | 1.91 | -89.83 | -1,402.02 | -14,860.56 | 1,334.57 | 1,221.79 | 112.78 | 11.834 | | |
| 18,800.00 | 6,840.00 | 6,753.43 | 6,753.07 | 348.48 | 1.91 | -89.76 | -1,402.01 | -14,860.57 | 1,241.30 | 1,118.87 | 122.44 | 10.138 | | |
| 18,900.00 | 6,840.00 | 6,752.89 | 6,752.53 | 351.19 | 1.91 | -89.69 | -1,402.00 | -14,860.57 | 1,149.17 | 1,015.53 | 133.63 | 8.599 | | |
| 19,000.00 | 6,840.00 | 6,752.36 | 6,752.00 | 353.89 | 1.91 | -89.63 | -1,401.99 | -14,860.57 | 1,058.46 | 911.77 | 146.69 | 7.216 | | |
| 19,100.00 | 6,840.00 | 6,751.84 | 6,751.48 | 356.59 | 1.91 | -89.56 | -1,401.98 | -14,860.57 | 969.58 | 807.57 | 162.01 | 5.985 | | |
| 19,200.00 | 6,840.00 | 6,751.32 | 6,750.96 | 359.30 | 1.91 | -89.50 | -1,401.97 | -14,860.58 | 883.08 | 703.03 | 180.05 | 4.905 | | |
| 19,300.00 | 6,840.00 | 6,750.82 | 6,750.46 | 362.00 | 1.91 | -89.44 | -1,401.96 | -14,860.58 | 799.74 | 598.38 | 201.36 | 3.972 | | |
| 19,400.00 | 6,840.00 | 6,750.32 | 6,749.96 | 364.71 | 1.91 | -89.38 | -1,401.96 | -14,860.58 | 720.64 | 494.21 | 226.43 | 3.183 | | |
| 19,500.00 | 6,840.00 | 6,749.83 | 6,749.47 | 367.41 | 1.91 | -89.32 | -1,401.95 | -14,860.58 | 647.36 | 391.83 | 255.53 | 2.533 | | |
| 19,600.00 | 6,840.00 | 6,749.35 | 6,748.98 | 370.11 | 1.91 | -89.26 | -1,401.94 | -14,860.59 | 582.08 | 293.85 | 288.23 | 2.019 | | |
| 19,700.00 | 6,840.00 | 6,748.87 | 6,748.51 | 372.82 | 1.91 | -89.20 | -1,401.93 | -14,860.59 | 527.79 | 205.24 | 322.55 | 1.636 | | |
| 19,800.00 | 6,840.00 | 6,748.40 | 6,748.04 | 375.53 | 1.91 | -89.14 | -1,401.92 | -14,860.59 | 488.16 | 134.16 | 354.00 | 1.379 Level 3 | | |
| 19,900.00 | 6,840.00 | 6,747.94 | 6,747.58 | 378.23 | 1.91 | -89.08 | -1,401.92 | -14,860.59 | 466.96 | 91.12 | 375.84 | 1.242 Level 2 | | |
| 19,951.28 | 6,840.00 | 6,747.70 | 6,747.34 | 379.62 | 1.91 | -89.05 | -1,401.91 | -14,860.59 | 464.13 | 82.94 | 381.19 | 1.218 Level 2, CC, ES, SF | | |
| 20,000.00 | 6,840.00 | 6,747.48 | 6,747.12 | 380.94 | 1.91 | -89.03 | -1,401.91 | -14,860.59 | 466.68 | 84.62 | 382.06 | 1.221 Level 2 | | |
| 20,100.00 | 6,840.00 | 6,747.03 | 6,746.67 | 383.64 | 1.91 | -88.97 | -1,401.90 | -14,860.60 | 487.38 | 115.56 | 371.81 | 1.311 Level 3 | | |
| 20,200.00 | 6,840.00 | 6,746.59 | 6,746.23 | 386.35 | 1.91 | -88.92 | -1,401.89 | -14,860.60 | 526.57 | 176.71 | 349.87 | 1.505 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - ABND VERT OSTER R G 27-13 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 20,300.00 | 6,840.00 | 6,746.15 | 6,745.79 | 389.05 | 1.91 | -88.86 | -1,401.89 | -14,860.60 | 580.54 | 257.83 | 322.71 | 1.799 | |
| 20,400.00 | 6,840.00 | 6,745.72 | 6,745.36 | 391.76 | 1.91 | -88.81 | -1,401.88 | -14,860.60 | 645.57 | 350.41 | 295.16 | 2.187 | |
| 20,442.82 | 6,840.00 | 6,745.54 | 6,745.18 | 392.92 | 1.91 | -88.79 | -1,401.88 | -14,860.60 | 676.03 | 392.10 | 283.93 | 2.381 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST HZ ANDERSON 2-27 - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 890-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 8,200.00 | 6,840.00 | 5,398.51 | 5,388.07 | 70.21 | 17.58 | 69.38 | 2,617.11 | -12,310.93 | 9,977.40 | 9,911.03 | 66.37 | 150.340 | | |
| 8,300.00 | 6,840.00 | 5,402.69 | 5,392.20 | 72.45 | 17.60 | 69.44 | 2,617.59 | -12,311.34 | 9,885.05 | 9,817.79 | 67.26 | 146.962 | | |
| 8,400.00 | 6,840.00 | 5,406.95 | 5,396.41 | 74.73 | 17.61 | 69.51 | 2,618.09 | -12,311.76 | 9,792.85 | 9,724.67 | 68.19 | 143.615 | | |
| 8,500.00 | 6,840.00 | 5,425.00 | 5,414.25 | 77.04 | 17.68 | 69.77 | 2,620.14 | -12,313.61 | 9,700.83 | 9,631.63 | 69.20 | 140.189 | | |
| 8,600.00 | 6,840.00 | 5,425.00 | 5,414.25 | 79.38 | 17.68 | 69.77 | 2,620.14 | -12,313.61 | 9,608.92 | 9,538.76 | 70.16 | 136.953 | | |
| 8,700.00 | 6,840.00 | 5,425.00 | 5,414.25 | 81.74 | 17.68 | 69.77 | 2,620.14 | -12,313.61 | 9,517.18 | 9,446.02 | 71.16 | 133.752 | | |
| 8,800.00 | 6,840.00 | 5,425.00 | 5,414.25 | 84.12 | 17.68 | 69.77 | 2,620.14 | -12,313.61 | 9,425.60 | 9,353.42 | 72.18 | 130.589 | | |
| 8,900.00 | 6,840.00 | 5,425.00 | 5,414.25 | 86.52 | 17.68 | 69.77 | 2,620.14 | -12,313.61 | 9,334.20 | 9,260.97 | 73.23 | 127.465 | | |
| 9,000.00 | 6,840.00 | 5,425.00 | 5,414.25 | 88.94 | 17.68 | 69.77 | 2,620.14 | -12,313.61 | 9,242.97 | 9,168.66 | 74.31 | 124.382 | | |
| 9,100.00 | 6,840.00 | 5,425.00 | 5,414.25 | 91.38 | 17.68 | 69.77 | 2,620.14 | -12,313.61 | 9,151.93 | 9,076.51 | 75.42 | 121.341 | | |
| 9,200.00 | 6,840.00 | 5,444.23 | 5,433.25 | 93.83 | 17.76 | 70.05 | 2,622.29 | -12,315.64 | 9,061.03 | 8,984.38 | 76.65 | 118.213 | | |
| 9,300.00 | 6,840.00 | 5,449.26 | 5,438.22 | 96.30 | 17.78 | 70.12 | 2,622.85 | -12,316.18 | 8,970.35 | 8,892.50 | 77.85 | 115.229 | | |
| 9,400.00 | 6,840.00 | 5,454.37 | 5,443.26 | 98.79 | 17.80 | 70.20 | 2,623.42 | -12,316.73 | 8,879.86 | 8,800.78 | 79.08 | 112.292 | | |
| 9,500.00 | 6,840.00 | 5,459.55 | 5,448.38 | 101.28 | 17.82 | 70.27 | 2,623.99 | -12,317.30 | 8,789.57 | 8,709.22 | 80.34 | 109.401 | | |
| 9,600.00 | 6,840.00 | 5,464.81 | 5,453.58 | 103.79 | 17.84 | 70.35 | 2,624.57 | -12,317.87 | 8,699.48 | 8,617.84 | 81.64 | 106.558 | | |
| 9,700.00 | 6,840.00 | 5,470.15 | 5,458.85 | 106.30 | 17.86 | 70.43 | 2,625.16 | -12,318.47 | 8,609.61 | 8,526.63 | 82.97 | 103.762 | | |
| 9,800.00 | 6,840.00 | 5,475.57 | 5,464.20 | 108.83 | 17.88 | 70.51 | 2,625.76 | -12,319.07 | 8,519.95 | 8,435.61 | 84.34 | 101.015 | | |
| 9,900.00 | 6,840.00 | 5,489.00 | 5,477.47 | 111.37 | 17.93 | 70.70 | 2,627.23 | -12,320.59 | 8,430.53 | 8,344.75 | 85.78 | 98.276 | | |
| 10,000.00 | 6,840.00 | 5,489.00 | 5,477.47 | 113.91 | 17.93 | 70.70 | 2,627.23 | -12,320.59 | 8,341.33 | 8,254.13 | 87.20 | 95.657 | | |
| 10,100.00 | 6,840.00 | 5,489.00 | 5,477.47 | 116.47 | 17.93 | 70.70 | 2,627.23 | -12,320.59 | 8,252.37 | 8,163.72 | 88.65 | 93.085 | | |
| 10,200.00 | 6,840.00 | 5,489.00 | 5,477.47 | 119.03 | 17.93 | 70.70 | 2,627.23 | -12,320.59 | 8,163.67 | 8,073.53 | 90.15 | 90.561 | | |
| 10,300.00 | 6,840.00 | 5,489.00 | 5,477.47 | 121.59 | 17.93 | 70.70 | 2,627.23 | -12,320.59 | 8,075.24 | 7,983.56 | 91.67 | 88.086 | | |
| 10,400.00 | 6,840.00 | 5,507.30 | 5,495.53 | 124.17 | 18.00 | 70.97 | 2,629.22 | -12,322.71 | 7,987.03 | 7,893.70 | 93.33 | 85.577 | | |
| 10,500.00 | 6,840.00 | 5,512.63 | 5,500.79 | 126.75 | 18.02 | 71.05 | 2,629.80 | -12,323.35 | 7,899.11 | 7,804.15 | 94.97 | 83.178 | | |
| 10,600.00 | 6,840.00 | 5,564.29 | 5,564.29 | 129.34 | 18.02 | 71.05 | 2,648.06 | -12,341.23 | 7,811.56 | 7,696.50 | 115.06 | 67.889 | | |
| 10,700.00 | 6,840.00 | 5,681.00 | 5,667.13 | 131.93 | 18.68 | 73.54 | 2,648.39 | -12,341.50 | 7,724.00 | 7,624.86 | 99.14 | 77.906 | | |
| 10,800.00 | 6,840.00 | 5,681.00 | 5,667.13 | 134.53 | 18.68 | 73.54 | 2,648.39 | -12,341.50 | 7,636.75 | 7,535.86 | 100.89 | 75.692 | | |
| 10,900.00 | 6,840.00 | 5,681.00 | 5,667.13 | 137.13 | 18.68 | 73.54 | 2,648.39 | -12,341.50 | 7,549.81 | 7,447.13 | 102.68 | 73.526 | | |
| 11,000.00 | 6,840.00 | 5,681.00 | 5,667.13 | 139.73 | 18.68 | 73.54 | 2,648.39 | -12,341.50 | 7,463.20 | 7,358.68 | 104.52 | 71.405 | | |
| 11,100.00 | 6,840.00 | 5,681.00 | 5,667.13 | 142.35 | 18.68 | 73.54 | 2,648.39 | -12,341.50 | 7,376.92 | 7,270.52 | 106.40 | 69.332 | | |
| 11,200.00 | 6,840.00 | 5,681.00 | 5,667.13 | 144.96 | 18.68 | 73.54 | 2,648.39 | -12,341.50 | 7,291.00 | 7,182.67 | 108.33 | 67.304 | | |
| 11,300.00 | 6,840.00 | 5,681.00 | 5,667.13 | 147.58 | 18.68 | 73.54 | 2,648.39 | -12,341.50 | 7,205.44 | 7,095.13 | 110.31 | 65.322 | | |
| 11,400.00 | 6,840.00 | 5,681.00 | 5,667.13 | 150.20 | 18.68 | 73.54 | 2,648.39 | -12,341.50 | 7,120.26 | 7,007.93 | 112.33 | 63.385 | | |
| 11,500.00 | 6,840.00 | 5,681.00 | 5,667.13 | 152.83 | 18.68 | 73.54 | 2,648.39 | -12,341.50 | 7,035.46 | 6,921.06 | 114.41 | 61.494 | | |
| 11,600.00 | 6,840.00 | 5,681.00 | 5,667.13 | 155.46 | 18.68 | 73.54 | 2,648.39 | -12,341.50 | 6,951.08 | 6,834.54 | 116.54 | 59.647 | | |
| 11,700.00 | 6,840.00 | 5,706.58 | 5,692.41 | 158.09 | 18.78 | 73.93 | 2,651.44 | -12,343.94 | 6,866.89 | 6,748.02 | 118.87 | 57.770 | | |
| 11,800.00 | 6,840.00 | 5,708.80 | 5,694.61 | 160.73 | 18.79 | 73.96 | 2,651.71 | -12,344.16 | 6,783.31 | 6,662.20 | 121.12 | 56.007 | | |
| 11,900.00 | 6,840.00 | 5,711.07 | 5,696.84 | 163.36 | 18.80 | 73.99 | 2,652.00 | -12,344.39 | 6,700.18 | 6,576.76 | 123.42 | 54.287 | | |
| 12,000.00 | 6,840.00 | 5,713.37 | 5,699.11 | 166.01 | 18.81 | 74.03 | 2,652.28 | -12,344.63 | 6,617.52 | 6,491.73 | 125.78 | 52.611 | | |
| 12,100.00 | 6,840.00 | 5,715.71 | 5,701.42 | 168.65 | 18.82 | 74.06 | 2,652.58 | -12,344.87 | 6,535.33 | 6,407.13 | 128.20 | 50.977 | | |
| 12,200.00 | 6,840.00 | 5,718.10 | 5,703.78 | 171.30 | 18.83 | 74.10 | 2,652.88 | -12,345.12 | 6,453.65 | 6,322.97 | 130.68 | 49.385 | | |
| 12,300.00 | 6,840.00 | 5,720.53 | 5,706.18 | 173.94 | 18.84 | 74.14 | 2,653.19 | -12,345.38 | 6,372.48 | 6,239.26 | 133.22 | 47.834 | | |
| 12,400.00 | 6,840.00 | 5,745.00 | 5,730.28 | 176.59 | 18.93 | 74.51 | 2,656.43 | -12,348.09 | 6,292.02 | 6,156.05 | 135.97 | 46.276 | | |
| 12,500.00 | 6,840.00 | 5,745.00 | 5,730.28 | 179.25 | 18.93 | 74.51 | 2,656.43 | -12,348.09 | 6,211.91 | 6,073.29 | 138.62 | 44.814 | | |
| 12,600.00 | 6,840.00 | 5,745.00 | 5,730.28 | 181.90 | 18.93 | 74.51 | 2,656.43 | -12,348.09 | 6,132.39 | 5,991.06 | 141.33 | 43.391 | | |
| 12,700.00 | 6,840.00 | 6,962.00 | 6,940.62 | 184.56 | 23.36 | 93.28 | 2,720.54 | -12,398.72 | 6,053.22 | 5,903.70 | 149.52 | 40.485 | | |
| 12,800.00 | 6,840.00 | 6,962.00 | 6,940.62 | 187.22 | 23.36 | 93.28 | 2,720.54 | -12,398.72 | 5,974.08 | 5,821.64 | 152.44 | 39.190 | | |
| 12,900.00 | 6,840.00 | 6,962.00 | 6,940.62 | 189.88 | 23.36 | 93.28 | 2,720.54 | -12,398.72 | 5,895.57 | 5,740.15 | 155.43 | 37.932 | | |
| 13,000.00 | 6,840.00 | 6,962.00 | 6,940.62 | 192.54 | 23.36 | 93.28 | 2,720.54 | -12,398.72 | 5,817.73 | 5,659.24 | 158.49 | 36.708 | | |
| 13,100.00 | 6,840.00 | 6,962.00 | 6,940.62 | 195.20 | 23.36 | 93.28 | 2,720.54 | -12,398.72 | 5,740.57 | 5,578.95 | 161.62 | 35.519 | | |
| 13,200.00 | 6,840.00 | 6,962.00 | 6,940.62 | 197.87 | 23.36 | 93.28 | 2,720.54 | -12,398.72 | 5,664.13 | 5,499.30 | 164.82 | 34.365 | | |
| 13,300.00 | 6,840.00 | 6,962.00 | 6,940.62 | 200.53 | 23.36 | 93.28 | 2,720.54 | -12,398.72 | 5,588.42 | 5,420.33 | 168.10 | 33.245 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST HZ ANDERSON 2-27 - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 890-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 13,400.00 | 6,840.00 | 6,962.00 | 6,940.62 | 203.20 | 23.36 | 93.28 | 2,720.54 | -12,398.72 | 5,513.50 | 5,342.05 | 171.45 | 32.158 | | |
| 13,500.00 | 6,840.00 | 6,962.00 | 6,940.62 | 205.87 | 23.36 | 93.28 | 2,720.54 | -12,398.72 | 5,439.38 | 5,264.50 | 174.88 | 31.104 | | |
| 13,600.00 | 6,840.00 | 6,962.00 | 6,940.62 | 208.54 | 23.36 | 93.28 | 2,720.54 | -12,398.72 | 5,366.10 | 5,187.72 | 178.38 | 30.082 | | |
| 13,700.00 | 6,840.00 | 6,962.00 | 6,940.62 | 211.22 | 23.36 | 93.28 | 2,720.54 | -12,398.72 | 5,293.69 | 5,111.74 | 181.96 | 29.093 | | |
| 13,800.00 | 6,840.00 | 6,962.00 | 6,940.62 | 213.89 | 23.36 | 93.28 | 2,720.54 | -12,398.72 | 5,222.20 | 5,036.59 | 185.61 | 28.135 | | |
| 13,900.00 | 6,840.00 | 6,953.53 | 6,932.16 | 216.56 | 23.33 | 93.15 | 2,720.84 | -12,398.88 | 5,151.65 | 4,962.31 | 189.33 | 27.209 | | |
| 14,000.00 | 6,840.00 | 6,952.24 | 6,930.87 | 219.24 | 23.33 | 93.13 | 2,720.88 | -12,398.90 | 5,082.09 | 4,888.95 | 193.14 | 26.313 | | |
| 14,100.00 | 6,840.00 | 6,950.92 | 6,929.55 | 221.92 | 23.33 | 93.11 | 2,720.93 | -12,398.93 | 5,013.55 | 4,816.54 | 197.02 | 25.447 | | |
| 14,200.00 | 6,840.00 | 6,949.58 | 6,928.21 | 224.59 | 23.32 | 93.09 | 2,720.98 | -12,398.95 | 4,946.10 | 4,745.13 | 200.97 | 24.611 | | |
| 14,300.00 | 6,840.00 | 6,948.21 | 6,926.84 | 227.27 | 23.32 | 93.07 | 2,721.03 | -12,398.98 | 4,879.75 | 4,674.76 | 205.00 | 23.804 | | |
| 14,400.00 | 6,840.00 | 6,946.81 | 6,925.44 | 229.95 | 23.31 | 93.05 | 2,721.08 | -12,399.01 | 4,814.57 | 4,605.48 | 209.09 | 23.026 | | |
| 14,500.00 | 6,840.00 | 6,945.38 | 6,924.02 | 232.63 | 23.31 | 93.03 | 2,721.13 | -12,399.04 | 4,750.60 | 4,537.34 | 213.26 | 22.276 | | |
| 14,600.00 | 6,840.00 | 6,943.92 | 6,922.56 | 235.31 | 23.30 | 93.00 | 2,721.18 | -12,399.07 | 4,687.89 | 4,470.40 | 217.49 | 21.555 | | |
| 14,700.00 | 6,840.00 | 6,942.43 | 6,921.07 | 238.00 | 23.30 | 92.98 | 2,721.23 | -12,399.10 | 4,626.49 | 4,404.71 | 221.78 | 20.860 | | |
| 14,800.00 | 6,840.00 | 6,940.91 | 6,919.55 | 240.68 | 23.29 | 92.96 | 2,721.29 | -12,399.14 | 4,566.46 | 4,340.32 | 226.14 | 20.193 | | |
| 14,900.00 | 6,840.00 | 6,939.36 | 6,918.00 | 243.36 | 23.29 | 92.93 | 2,721.34 | -12,399.17 | 4,507.84 | 4,277.29 | 230.55 | 19.553 | | |
| 15,000.00 | 6,840.00 | 6,937.77 | 6,916.41 | 246.05 | 23.28 | 92.91 | 2,721.40 | -12,399.20 | 4,450.70 | 4,215.69 | 235.01 | 18.939 | | |
| 15,100.00 | 6,840.00 | 6,936.14 | 6,914.78 | 248.74 | 23.28 | 92.88 | 2,721.46 | -12,399.24 | 4,395.09 | 4,155.57 | 239.51 | 18.350 | | |
| 15,200.00 | 6,840.00 | 6,934.48 | 6,913.12 | 251.42 | 23.27 | 92.86 | 2,721.52 | -12,399.28 | 4,341.07 | 4,097.01 | 244.06 | 17.787 | | |
| 15,300.00 | 6,840.00 | 6,932.78 | 6,911.42 | 254.11 | 23.27 | 92.83 | 2,721.58 | -12,399.32 | 4,288.70 | 4,040.06 | 248.64 | 17.249 | | |
| 15,400.00 | 6,840.00 | 6,931.04 | 6,909.69 | 256.80 | 23.26 | 92.80 | 2,721.64 | -12,399.35 | 4,238.04 | 3,984.80 | 253.24 | 16.735 | | |
| 15,500.00 | 6,840.00 | 6,929.26 | 6,907.91 | 259.49 | 23.26 | 92.77 | 2,721.70 | -12,399.40 | 4,189.15 | 3,931.30 | 257.86 | 16.246 | | |
| 15,600.00 | 6,840.00 | 6,927.43 | 6,906.09 | 262.17 | 23.25 | 92.75 | 2,721.77 | -12,399.44 | 4,142.11 | 3,879.63 | 262.48 | 15.781 | | |
| 15,700.00 | 6,840.00 | 6,925.57 | 6,904.22 | 264.86 | 23.25 | 92.72 | 2,721.84 | -12,399.48 | 4,096.96 | 3,829.85 | 267.10 | 15.338 | | |
| 15,800.00 | 6,840.00 | 6,923.65 | 6,902.31 | 267.55 | 23.24 | 92.69 | 2,721.90 | -12,399.53 | 4,053.77 | 3,782.06 | 271.71 | 14.919 | | |
| 15,900.00 | 6,840.00 | 6,921.69 | 6,900.35 | 270.25 | 23.23 | 92.66 | 2,721.97 | -12,399.58 | 4,012.62 | 3,736.32 | 276.30 | 14.523 | | |
| 16,000.00 | 6,840.00 | 6,919.69 | 6,898.35 | 272.94 | 23.23 | 92.63 | 2,722.05 | -12,399.63 | 3,973.55 | 3,692.70 | 280.85 | 14.148 | | |
| 16,100.00 | 6,840.00 | 6,917.63 | 6,896.29 | 275.63 | 23.22 | 92.59 | 2,722.12 | -12,399.68 | 3,936.63 | 3,651.28 | 285.35 | 13.796 | | |
| 16,200.00 | 6,840.00 | 6,915.52 | 6,894.18 | 278.32 | 23.21 | 92.56 | 2,722.20 | -12,399.73 | 3,901.93 | 3,612.14 | 289.79 | 13.465 | | |
| 16,300.00 | 6,840.00 | 6,913.35 | 6,892.01 | 281.02 | 23.21 | 92.53 | 2,722.27 | -12,399.79 | 3,869.50 | 3,575.34 | 294.16 | 13.155 | | |
| 16,400.00 | 6,840.00 | 6,911.13 | 6,889.79 | 283.71 | 23.20 | 92.49 | 2,722.35 | -12,399.84 | 3,839.40 | 3,540.97 | 298.43 | 12.865 | | |
| 16,500.00 | 6,840.00 | 6,908.84 | 6,887.51 | 286.40 | 23.19 | 92.46 | 2,722.43 | -12,399.90 | 3,811.68 | 3,509.08 | 302.60 | 12.596 | | |
| 16,600.00 | 6,840.00 | 6,915.43 | 6,894.09 | 289.10 | 23.21 | 92.56 | 2,722.18 | -12,399.69 | 3,786.39 | 3,479.73 | 306.66 | 12.347 | | |
| 16,700.00 | 6,840.00 | 6,910.05 | 6,888.72 | 291.79 | 23.20 | 92.48 | 2,722.38 | -12,399.85 | 3,763.61 | 3,453.02 | 310.58 | 12.118 | | |
| 16,800.00 | 6,840.00 | 6,904.91 | 6,883.58 | 294.49 | 23.18 | 92.39 | 2,722.57 | -12,400.00 | 3,743.35 | 3,428.99 | 314.36 | 11.908 | | |
| 16,900.00 | 6,840.00 | 6,899.98 | 6,878.66 | 297.19 | 23.16 | 92.32 | 2,722.75 | -12,400.14 | 3,725.67 | 3,407.69 | 317.98 | 11.717 | | |
| 17,000.00 | 6,840.00 | 6,895.25 | 6,873.93 | 299.88 | 23.15 | 92.24 | 2,722.92 | -12,400.27 | 3,710.59 | 3,389.16 | 321.43 | 11.544 | | |
| 17,100.00 | 6,840.00 | 6,890.71 | 6,869.40 | 302.58 | 23.13 | 92.17 | 2,723.08 | -12,400.40 | 3,698.15 | 3,373.46 | 324.69 | 11.390 | | |
| 17,200.00 | 6,840.00 | 6,886.35 | 6,865.04 | 305.28 | 23.12 | 92.11 | 2,723.23 | -12,400.52 | 3,688.38 | 3,360.62 | 327.76 | 11.253 | | |
| 17,300.00 | 6,840.00 | 6,882.15 | 6,860.85 | 307.97 | 23.11 | 92.04 | 2,723.37 | -12,400.63 | 3,681.30 | 3,350.67 | 330.62 | 11.134 | | |
| 17,400.00 | 6,840.00 | 6,878.11 | 6,856.81 | 310.67 | 23.09 | 91.98 | 2,723.51 | -12,400.73 | 3,676.92 | 3,343.64 | 333.27 | 11.033 | | |
| 17,500.00 | 6,840.00 | 6,874.23 | 6,852.93 | 313.37 | 23.08 | 91.92 | 2,723.64 | -12,400.83 | 3,675.25 | 3,339.55 | 335.70 | 10.948 | | |
| 17,511.25 | 6,840.00 | 6,873.80 | 6,852.50 | 313.68 | 23.08 | 91.91 | 2,723.66 | -12,400.84 | 3,675.24 | 3,339.27 | 335.96 | 10.939 CC | | |
| 17,600.00 | 6,840.00 | 6,870.48 | 6,849.19 | 316.07 | 23.07 | 91.86 | 2,723.77 | -12,400.92 | 3,676.31 | 3,338.40 | 337.90 | 10.880 ES | | |
| 17,700.00 | 6,840.00 | 6,866.87 | 6,845.58 | 318.77 | 23.06 | 91.80 | 2,723.89 | -12,401.01 | 3,680.08 | 3,340.20 | 339.87 | 10.828 | | |
| 17,800.00 | 6,840.00 | 6,863.38 | 6,842.09 | 321.47 | 23.05 | 91.75 | 2,724.00 | -12,401.10 | 3,686.55 | 3,344.94 | 341.61 | 10.792 | | |
| 17,900.00 | 6,840.00 | 6,860.01 | 6,838.73 | 324.17 | 23.04 | 91.70 | 2,724.11 | -12,401.17 | 3,695.72 | 3,352.61 | 343.11 | 10.771 | | |
| 18,000.00 | 6,840.00 | 6,856.76 | 6,835.48 | 326.87 | 23.03 | 91.64 | 2,724.21 | -12,401.25 | 3,707.56 | 3,363.19 | 344.37 | 10.766 SF | | |
| 18,100.00 | 6,840.00 | 6,853.62 | 6,832.34 | 329.57 | 23.02 | 91.60 | 2,724.31 | -12,401.32 | 3,722.05 | 3,376.66 | 345.40 | 10.776 | | |
| 18,200.00 | 6,840.00 | 6,850.58 | 6,829.30 | 332.27 | 23.01 | 91.55 | 2,724.41 | -12,401.39 | 3,739.16 | 3,392.97 | 346.19 | 10.801 | | |
| 18,300.00 | 6,840.00 | 6,847.64 | 6,826.36 | 334.97 | 23.00 | 91.50 | 2,724.50 | -12,401.45 | 3,758.85 | 3,412.09 | 346.76 | 10.840 | | |
| 18,400.00 | 6,840.00 | 6,844.79 | 6,823.51 | 337.67 | 22.99 | 91.46 | 2,724.59 | -12,401.52 | 3,781.08 | 3,433.97 | 347.11 | 10.893 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | SEC 27-T4N-R65W - EXIST HZ ANDERSON 2-27 - OWB - FINAL SURVEY | | Offset Site Error: | | 0.00 usft | |
|------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|---------------------------------------------------------------|---------|--------------------|--|-----------|--|
| Survey Program: 890-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | | 0.00 usft | | | |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning | | | | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | | | | | |
| 18,500.00 | 6,840.00 | 6,842.03 | 6,820.75 | 340.38 | 22.98 | 91.41 | 2,724.67 | -12,401.58 | 3,805.81 | 3,458.57 | 347.25 | 10.960 | | | | | | |
| 18,600.00 | 6,840.00 | 6,839.35 | 6,818.08 | 343.08 | 22.97 | 91.37 | 2,724.75 | -12,401.63 | 3,832.99 | 3,485.81 | 347.17 | 11.041 | | | | | | |
| 18,700.00 | 6,840.00 | 6,836.76 | 6,815.49 | 345.78 | 22.96 | 91.33 | 2,724.83 | -12,401.69 | 3,862.56 | 3,515.66 | 346.90 | 11.134 | | | | | | |
| 18,800.00 | 6,840.00 | 6,834.24 | 6,812.97 | 348.48 | 22.95 | 91.29 | 2,724.91 | -12,401.74 | 3,894.48 | 3,548.03 | 346.44 | 11.241 | | | | | | |
| 18,900.00 | 6,840.00 | 6,831.79 | 6,810.53 | 351.19 | 22.95 | 91.26 | 2,724.98 | -12,401.79 | 3,928.68 | 3,582.87 | 345.81 | 11.361 | | | | | | |
| 19,000.00 | 6,840.00 | 6,829.42 | 6,808.16 | 353.89 | 22.94 | 91.22 | 2,725.05 | -12,401.83 | 3,965.11 | 3,620.10 | 345.01 | 11.493 | | | | | | |
| 19,100.00 | 6,840.00 | 6,827.12 | 6,805.86 | 356.59 | 22.93 | 91.18 | 2,725.12 | -12,401.88 | 4,003.70 | 3,659.66 | 344.04 | 11.637 | | | | | | |
| 19,200.00 | 6,840.00 | 6,824.88 | 6,803.62 | 359.30 | 22.92 | 91.15 | 2,725.18 | -12,401.92 | 4,044.40 | 3,701.46 | 342.94 | 11.793 | | | | | | |
| 19,300.00 | 6,840.00 | 6,822.70 | 6,801.44 | 362.00 | 22.92 | 91.11 | 2,725.25 | -12,401.96 | 4,087.14 | 3,745.44 | 341.70 | 11.961 | | | | | | |
| 19,400.00 | 6,840.00 | 6,820.58 | 6,799.32 | 364.71 | 22.91 | 91.08 | 2,725.31 | -12,402.00 | 4,131.85 | 3,791.52 | 340.33 | 12.141 | | | | | | |
| 19,500.00 | 6,840.00 | 6,818.52 | 6,797.26 | 367.41 | 22.90 | 91.05 | 2,725.36 | -12,402.04 | 4,178.48 | 3,839.63 | 338.85 | 12.331 | | | | | | |
| 19,600.00 | 6,840.00 | 6,820.14 | 6,798.88 | 370.11 | 22.91 | 91.07 | 2,725.32 | -12,402.02 | 4,226.96 | 3,889.68 | 337.28 | 12.533 | | | | | | |
| 19,700.00 | 6,840.00 | 6,817.77 | 6,796.51 | 372.82 | 22.90 | 91.04 | 2,725.38 | -12,402.06 | 4,277.23 | 3,941.62 | 335.60 | 12.745 | | | | | | |
| 19,800.00 | 6,840.00 | 6,815.44 | 6,794.18 | 375.53 | 22.89 | 91.00 | 2,725.45 | -12,402.10 | 4,329.22 | 3,995.38 | 333.85 | 12.968 | | | | | | |
| 19,900.00 | 6,840.00 | 6,813.15 | 6,791.89 | 378.23 | 22.89 | 90.96 | 2,725.51 | -12,402.14 | 4,382.88 | 4,050.87 | 332.01 | 13.201 | | | | | | |
| 20,000.00 | 6,840.00 | 6,810.90 | 6,789.64 | 380.94 | 22.88 | 90.93 | 2,725.58 | -12,402.18 | 4,438.15 | 4,108.03 | 330.12 | 13.444 | | | | | | |
| 20,100.00 | 6,840.00 | 6,808.69 | 6,787.43 | 383.64 | 22.87 | 90.90 | 2,725.64 | -12,402.22 | 4,494.96 | 4,166.79 | 328.17 | 13.697 | | | | | | |
| 20,200.00 | 6,840.00 | 6,806.51 | 6,785.26 | 386.35 | 22.87 | 90.86 | 2,725.70 | -12,402.25 | 4,553.25 | 4,227.09 | 326.17 | 13.960 | | | | | | |
| 20,300.00 | 6,840.00 | 6,804.37 | 6,783.12 | 389.05 | 22.86 | 90.83 | 2,725.76 | -12,402.29 | 4,612.98 | 4,288.85 | 324.12 | 14.232 | | | | | | |
| 20,400.00 | 6,840.00 | 6,802.27 | 6,781.02 | 391.76 | 22.85 | 90.80 | 2,725.81 | -12,402.32 | 4,674.08 | 4,352.03 | 322.05 | 14.514 | | | | | | |
| 20,442.82 | 6,840.00 | 6,801.38 | 6,780.13 | 392.92 | 22.85 | 90.78 | 2,725.84 | -12,402.34 | 4,700.65 | 4,379.50 | 321.15 | 14.637 | | | | | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST HZ LIBACK 44-27 - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 678-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 4,400.00 | 4,176.29 | 4,690.10 | 4,632.12 | 27.38 | 18.80 | 25.38 | -978.90 | -11,089.82 | 9,999.49 | 9,962.20 | 37.30 | 268.103 | | |
| 4,500.00 | 4,269.26 | 4,737.00 | 4,678.31 | 28.14 | 19.02 | 25.38 | -986.53 | -11,087.05 | 9,960.70 | 9,922.68 | 38.02 | 261.959 | | |
| 4,600.00 | 4,362.23 | 4,784.19 | 4,724.81 | 28.90 | 19.24 | 25.38 | -994.12 | -11,084.48 | 9,922.33 | 9,883.58 | 38.75 | 256.051 | | |
| 4,700.00 | 4,455.20 | 4,887.48 | 4,826.50 | 29.66 | 19.72 | 25.37 | -1,011.33 | -11,078.78 | 9,884.02 | 9,844.32 | 39.70 | 248.968 | | |
| 4,800.00 | 4,548.16 | 5,135.83 | 5,070.80 | 30.43 | 20.90 | 25.35 | -1,053.05 | -11,063.09 | 9,845.09 | 9,803.87 | 41.22 | 238.834 | | |
| 4,900.00 | 4,641.13 | 5,179.63 | 5,113.74 | 31.19 | 21.11 | 25.34 | -1,061.15 | -11,060.03 | 9,805.48 | 9,763.53 | 41.95 | 233.754 | | |
| 5,000.00 | 4,734.10 | 5,279.55 | 5,211.82 | 31.95 | 21.59 | 25.33 | -1,079.04 | -11,053.44 | 9,766.23 | 9,723.34 | 42.89 | 227.690 | | |
| 5,100.00 | 4,827.07 | 5,356.25 | 5,287.36 | 32.71 | 21.96 | 25.32 | -1,091.33 | -11,048.26 | 9,726.77 | 9,683.03 | 43.74 | 222.377 | | |
| 5,200.00 | 4,920.04 | 5,420.43 | 5,350.52 | 33.48 | 22.26 | 25.32 | -1,101.86 | -11,044.13 | 9,687.61 | 9,643.07 | 44.54 | 217.509 | | |
| 5,300.00 | 5,013.00 | 5,497.41 | 5,426.29 | 34.24 | 22.62 | 25.31 | -1,114.62 | -11,039.33 | 9,648.63 | 9,603.24 | 45.39 | 212.575 | | |
| 5,400.00 | 5,105.97 | 5,590.79 | 5,518.09 | 35.00 | 23.06 | 25.30 | -1,130.68 | -11,033.54 | 9,609.72 | 9,563.41 | 46.31 | 207.523 | | |
| 5,500.00 | 5,198.94 | 5,679.79 | 5,605.67 | 35.77 | 23.48 | 25.30 | -1,145.58 | -11,028.05 | 9,570.81 | 9,523.61 | 47.20 | 202.751 | | |
| 5,600.00 | 5,291.91 | 5,716.14 | 5,641.49 | 36.53 | 23.65 | 25.30 | -1,151.34 | -11,025.93 | 9,532.19 | 9,484.29 | 47.90 | 198.993 | | |
| 5,700.00 | 5,384.87 | 6,081.15 | 5,998.32 | 37.29 | 25.48 | 25.19 | -1,222.79 | -11,000.10 | 9,492.58 | 9,442.67 | 49.91 | 190.190 | | |
| 5,800.00 | 5,477.84 | 6,150.00 | 6,065.29 | 38.06 | 25.85 | 25.17 | -1,237.66 | -10,994.24 | 9,451.69 | 9,400.93 | 50.77 | 186.185 | | |
| 5,900.00 | 5,570.81 | 6,196.34 | 6,110.49 | 38.82 | 26.09 | 25.15 | -1,247.16 | -10,990.48 | 9,411.13 | 9,359.61 | 51.52 | 182.669 | | |
| 6,000.00 | 5,663.78 | 6,245.00 | 6,158.09 | 39.59 | 26.33 | 25.14 | -1,256.57 | -10,986.81 | 9,371.04 | 9,318.75 | 52.29 | 179.227 | | |
| 6,100.00 | 5,756.75 | 6,245.00 | 6,158.09 | 40.35 | 26.33 | 25.14 | -1,256.57 | -10,986.81 | 9,331.58 | 9,278.72 | 52.86 | 176.525 | | |
| 6,200.00 | 5,849.71 | 6,295.64 | 6,207.83 | 41.12 | 26.57 | 25.13 | -1,265.51 | -10,983.51 | 9,292.56 | 9,238.94 | 53.62 | 173.297 | | |
| 6,300.00 | 5,942.68 | 6,339.00 | 6,250.60 | 41.88 | 26.78 | 25.13 | -1,272.25 | -10,981.24 | 9,254.34 | 9,199.98 | 54.36 | 170.248 | | |
| 6,400.00 | 6,035.65 | 6,402.86 | 6,313.71 | 42.64 | 27.06 | 25.13 | -1,281.46 | -10,978.20 | 9,216.57 | 9,161.42 | 55.15 | 167.104 | | |
| 6,500.00 | 6,128.62 | 6,487.99 | 6,397.87 | 43.41 | 27.44 | 25.14 | -1,293.57 | -10,973.99 | 9,178.72 | 9,122.69 | 56.02 | 163.833 | | |
| 6,600.00 | 6,221.59 | 6,727.19 | 6,633.41 | 44.17 | 28.56 | 25.12 | -1,332.61 | -10,959.73 | 9,139.59 | 9,082.14 | 57.45 | 159.091 | | |
| 6,700.00 | 6,314.55 | 6,807.06 | 6,711.88 | 44.94 | 28.94 | 25.11 | -1,346.54 | -10,954.55 | 9,100.43 | 9,042.11 | 58.32 | 156.036 | | |
| 6,800.00 | 6,407.52 | 6,916.03 | 6,819.30 | 45.70 | 29.45 | 25.11 | -1,363.46 | -10,947.55 | 9,061.25 | 9,001.97 | 59.28 | 152.848 | | |
| 6,900.00 | 6,499.98 | 6,974.46 | 6,877.01 | 46.49 | 29.71 | 20.92 | -1,371.84 | -10,943.90 | 9,020.83 | 8,960.76 | 60.07 | 150.180 | | |
| 7,000.00 | 6,586.50 | 7,035.23 | 6,937.08 | 47.49 | 29.98 | 14.50 | -1,380.30 | -10,940.28 | 8,968.01 | 8,907.15 | 60.86 | 147.365 | | |
| 7,100.00 | 6,663.58 | 7,091.03 | 6,992.27 | 48.75 | 30.22 | 10.66 | -1,387.91 | -10,937.09 | 8,901.46 | 8,839.88 | 61.58 | 144.546 | | |
| 7,200.00 | 6,728.87 | 7,206.49 | 7,106.37 | 50.23 | 30.74 | 7.75 | -1,404.15 | -10,930.24 | 8,822.88 | 8,760.47 | 62.41 | 141.367 | | |
| 7,300.00 | 6,780.38 | 7,261.29 | 7,160.49 | 51.91 | 30.98 | 4.72 | -1,412.00 | -10,926.79 | 8,734.66 | 8,671.72 | 62.94 | 138.787 | | |
| 7,400.00 | 6,816.56 | 7,297.16 | 7,195.94 | 53.74 | 31.15 | -0.73 | -1,417.07 | -10,924.51 | 8,639.66 | 8,576.39 | 63.27 | 136.560 | | |
| 7,500.00 | 6,836.29 | 7,303.31 | 7,202.01 | 55.65 | 31.17 | -31.40 | -1,417.96 | -10,924.13 | 8,540.82 | 8,477.45 | 63.37 | 134.785 | | |
| 7,600.00 | 6,840.00 | 7,301.22 | 7,199.95 | 57.58 | 31.16 | -135.97 | -1,417.66 | -10,924.26 | 8,441.02 | 8,377.71 | 63.31 | 133.327 | | |
| 7,700.00 | 6,840.00 | 7,296.11 | 7,194.89 | 59.56 | 31.14 | -135.71 | -1,416.93 | -10,924.58 | 8,341.33 | 8,278.11 | 63.22 | 131.945 | | |
| 7,800.00 | 6,840.00 | 7,294.94 | 7,193.74 | 61.60 | 31.14 | -135.65 | -1,416.76 | -10,924.65 | 8,241.64 | 8,178.51 | 63.14 | 130.538 | | |
| 7,900.00 | 6,840.00 | 7,287.47 | 7,186.36 | 63.69 | 31.10 | -135.27 | -1,415.71 | -10,925.13 | 8,141.97 | 8,078.93 | 63.04 | 129.162 | | |
| 8,000.00 | 6,840.00 | 7,280.02 | 7,179.00 | 65.82 | 31.07 | -134.87 | -1,414.66 | -10,925.60 | 8,042.29 | 7,979.35 | 62.94 | 127.780 | | |
| 8,100.00 | 6,840.00 | 7,272.60 | 7,171.67 | 67.99 | 31.04 | -134.47 | -1,413.61 | -10,926.07 | 7,942.61 | 7,879.77 | 62.84 | 126.393 | | |
| 8,200.00 | 6,840.00 | 7,265.20 | 7,164.36 | 70.21 | 31.00 | -134.07 | -1,412.56 | -10,926.54 | 7,842.94 | 7,780.20 | 62.74 | 125.000 | | |
| 8,300.00 | 6,840.00 | 7,257.83 | 7,157.07 | 72.45 | 30.97 | -133.66 | -1,411.51 | -10,927.01 | 7,743.27 | 7,680.62 | 62.65 | 123.603 | | |
| 8,400.00 | 6,840.00 | 7,250.48 | 7,149.82 | 74.73 | 30.94 | -133.24 | -1,410.47 | -10,927.47 | 7,643.60 | 7,581.05 | 62.55 | 122.200 | | |
| 8,500.00 | 6,840.00 | 7,243.15 | 7,142.58 | 77.04 | 30.90 | -132.82 | -1,409.42 | -10,927.94 | 7,543.93 | 7,481.48 | 62.45 | 120.791 | | |
| 8,600.00 | 6,840.00 | 7,235.85 | 7,135.37 | 79.38 | 30.87 | -132.39 | -1,408.38 | -10,928.40 | 7,444.27 | 7,381.91 | 62.36 | 119.378 | | |
| 8,700.00 | 6,840.00 | 7,228.58 | 7,128.19 | 81.74 | 30.84 | -131.95 | -1,407.33 | -10,928.85 | 7,344.61 | 7,282.35 | 62.26 | 117.959 | | |
| 8,800.00 | 6,840.00 | 7,221.33 | 7,121.03 | 84.12 | 30.80 | -131.51 | -1,406.29 | -10,929.31 | 7,244.95 | 7,182.78 | 62.17 | 116.534 | | |
| 8,900.00 | 6,840.00 | 7,214.10 | 7,113.89 | 86.52 | 30.77 | -131.06 | -1,405.25 | -10,929.76 | 7,145.30 | 7,083.22 | 62.08 | 115.104 | | |
| 9,000.00 | 6,840.00 | 7,206.90 | 7,106.78 | 88.94 | 30.74 | -130.61 | -1,404.21 | -10,930.21 | 7,045.65 | 6,983.66 | 61.98 | 113.669 | | |
| 9,100.00 | 6,840.00 | 7,205.08 | 7,104.98 | 91.38 | 30.73 | -130.49 | -1,403.97 | -10,930.32 | 6,946.00 | 6,884.10 | 61.90 | 112.214 | | |
| 9,200.00 | 6,840.00 | 7,193.94 | 7,093.98 | 93.83 | 30.68 | -129.77 | -1,402.33 | -10,931.02 | 6,846.36 | 6,784.55 | 61.80 | 110.777 | | |
| 9,300.00 | 6,840.00 | 7,183.06 | 7,083.24 | 96.30 | 30.63 | -129.04 | -1,400.75 | -10,931.70 | 6,746.72 | 6,685.01 | 61.71 | 109.333 | | |
| 9,400.00 | 6,840.00 | 7,172.43 | 7,072.74 | 98.79 | 30.59 | -128.31 | -1,399.22 | -10,932.35 | 6,647.08 | 6,585.46 | 61.61 | 107.881 | | |
| 9,500.00 | 6,840.00 | 7,162.05 | 7,062.49 | 101.28 | 30.54 | -127.58 | -1,397.74 | -10,932.98 | 6,547.44 | 6,485.91 | 61.52 | 106.421 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST HZ LIBACK 44-27 - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 678-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 9,600.00 | 6,840.00 | 7,151.91 | 7,052.46 | 103.79 | 30.49 | -126.84 | -1,396.30 | -10,933.59 | 6,447.80 | 6,386.37 | 61.43 | 104.954 | | |
| 9,700.00 | 6,840.00 | 7,141.99 | 7,042.66 | 106.30 | 30.45 | -126.10 | -1,394.91 | -10,934.18 | 6,348.16 | 6,286.82 | 61.35 | 103.479 | | |
| 9,800.00 | 6,840.00 | 7,132.30 | 7,033.08 | 108.83 | 30.41 | -125.36 | -1,393.55 | -10,934.74 | 6,248.53 | 6,187.27 | 61.26 | 101.997 | | |
| 9,900.00 | 6,840.00 | 7,122.82 | 7,023.70 | 111.37 | 30.36 | -124.61 | -1,392.24 | -10,935.29 | 6,148.90 | 6,087.72 | 61.18 | 100.507 | | |
| 10,000.00 | 6,840.00 | 7,113.54 | 7,014.53 | 113.91 | 30.32 | -123.87 | -1,390.97 | -10,935.83 | 6,049.27 | 5,988.18 | 61.10 | 99.009 | | |
| 10,100.00 | 6,840.00 | 7,104.47 | 7,005.56 | 116.47 | 30.28 | -123.12 | -1,389.73 | -10,936.34 | 5,949.65 | 5,888.63 | 61.02 | 97.503 | | |
| 10,200.00 | 6,840.00 | 7,096.00 | 6,997.18 | 119.03 | 30.25 | -122.40 | -1,388.58 | -10,936.82 | 5,850.03 | 5,789.09 | 60.94 | 95.990 | | |
| 10,300.00 | 6,840.00 | 7,091.11 | 6,992.35 | 121.59 | 30.22 | -121.98 | -1,387.92 | -10,937.09 | 5,750.42 | 5,689.55 | 60.87 | 94.467 | | |
| 10,400.00 | 6,840.00 | 7,086.41 | 6,987.69 | 124.17 | 30.20 | -121.57 | -1,387.28 | -10,937.35 | 5,650.82 | 5,590.01 | 60.80 | 92.937 | | |
| 10,500.00 | 6,840.00 | 7,081.67 | 6,983.01 | 126.75 | 30.18 | -121.16 | -1,386.64 | -10,937.62 | 5,551.22 | 5,490.49 | 60.74 | 91.401 | | |
| 10,600.00 | 6,840.00 | 7,076.91 | 6,978.30 | 129.34 | 30.16 | -120.73 | -1,386.00 | -10,937.89 | 5,451.64 | 5,390.97 | 60.67 | 89.857 | | |
| 10,700.00 | 6,840.00 | 7,072.11 | 6,973.55 | 131.93 | 30.14 | -120.30 | -1,385.34 | -10,938.16 | 5,352.06 | 5,291.45 | 60.61 | 88.306 | | |
| 10,800.00 | 6,840.00 | 7,067.29 | 6,968.78 | 134.53 | 30.12 | -119.86 | -1,384.69 | -10,938.44 | 5,252.50 | 5,191.95 | 60.55 | 86.748 | | |
| 10,900.00 | 6,840.00 | 7,062.43 | 6,963.97 | 137.13 | 30.10 | -119.41 | -1,384.02 | -10,938.71 | 5,152.95 | 5,092.45 | 60.49 | 85.181 | | |
| 11,000.00 | 6,840.00 | 7,057.53 | 6,959.14 | 139.73 | 30.08 | -118.95 | -1,383.36 | -10,938.99 | 5,053.41 | 4,992.97 | 60.44 | 83.606 | | |
| 11,100.00 | 6,840.00 | 7,052.61 | 6,954.27 | 142.35 | 30.05 | -118.49 | -1,382.68 | -10,939.28 | 4,953.88 | 4,893.48 | 60.40 | 82.021 | | |
| 11,200.00 | 6,840.00 | 7,047.65 | 6,949.36 | 144.96 | 30.03 | -118.02 | -1,382.00 | -10,939.56 | 4,854.37 | 4,794.01 | 60.36 | 80.428 | | |
| 11,300.00 | 6,840.00 | 7,042.66 | 6,944.43 | 147.58 | 30.01 | -117.53 | -1,381.32 | -10,939.85 | 4,754.87 | 4,694.55 | 60.32 | 78.824 | | |
| 11,400.00 | 6,840.00 | 7,037.63 | 6,939.46 | 150.20 | 29.99 | -117.04 | -1,380.63 | -10,940.14 | 4,655.39 | 4,595.09 | 60.30 | 77.210 | | |
| 11,500.00 | 6,840.00 | 7,032.58 | 6,934.46 | 152.83 | 29.97 | -116.54 | -1,379.93 | -10,940.44 | 4,555.92 | 4,495.64 | 60.28 | 75.584 | | |
| 11,600.00 | 6,840.00 | 7,027.48 | 6,929.42 | 155.46 | 29.94 | -116.03 | -1,379.23 | -10,940.73 | 4,456.47 | 4,396.20 | 60.27 | 73.947 | | |
| 11,700.00 | 6,840.00 | 7,022.35 | 6,924.35 | 158.09 | 29.92 | -115.51 | -1,378.52 | -10,941.03 | 4,357.04 | 4,296.77 | 60.27 | 72.298 | | |
| 11,800.00 | 6,840.00 | 7,017.19 | 6,919.24 | 160.73 | 29.90 | -114.98 | -1,377.81 | -10,941.34 | 4,257.62 | 4,197.35 | 60.28 | 70.635 | | |
| 11,900.00 | 6,840.00 | 7,011.99 | 6,914.10 | 163.36 | 29.87 | -114.44 | -1,377.09 | -10,941.65 | 4,158.23 | 4,097.93 | 60.30 | 68.959 | | |
| 12,000.00 | 6,840.00 | 7,006.76 | 6,908.93 | 166.01 | 29.85 | -113.89 | -1,376.36 | -10,941.96 | 4,058.86 | 3,998.52 | 60.34 | 67.267 | | |
| 12,100.00 | 6,840.00 | 7,001.51 | 6,903.74 | 168.65 | 29.83 | -113.33 | -1,375.63 | -10,942.27 | 3,959.52 | 3,899.12 | 60.39 | 65.561 | | |
| 12,200.00 | 6,840.00 | 6,996.41 | 6,898.70 | 171.30 | 29.81 | -112.78 | -1,374.92 | -10,942.57 | 3,860.20 | 3,799.73 | 60.47 | 63.839 | | |
| 12,300.00 | 6,840.00 | 6,991.27 | 6,893.62 | 173.94 | 29.78 | -112.22 | -1,374.20 | -10,942.88 | 3,760.90 | 3,700.34 | 60.56 | 62.099 | | |
| 12,400.00 | 6,840.00 | 6,986.08 | 6,888.49 | 176.59 | 29.76 | -111.65 | -1,373.48 | -10,943.19 | 3,661.64 | 3,600.96 | 60.68 | 60.342 | | |
| 12,500.00 | 6,840.00 | 6,980.84 | 6,883.31 | 179.25 | 29.74 | -111.07 | -1,372.74 | -10,943.51 | 3,562.41 | 3,501.58 | 60.83 | 58.566 | | |
| 12,600.00 | 6,840.00 | 6,975.55 | 6,878.08 | 181.90 | 29.71 | -110.47 | -1,372.00 | -10,943.83 | 3,463.22 | 3,402.21 | 61.00 | 56.770 | | |
| 12,700.00 | 6,840.00 | 6,970.21 | 6,872.81 | 184.56 | 29.69 | -109.86 | -1,371.24 | -10,944.16 | 3,364.06 | 3,302.84 | 61.22 | 54.953 | | |
| 12,800.00 | 6,840.00 | 6,964.81 | 6,867.48 | 187.22 | 29.66 | -109.24 | -1,370.48 | -10,944.49 | 3,264.94 | 3,203.47 | 61.47 | 53.115 | | |
| 12,900.00 | 6,840.00 | 6,959.37 | 6,862.10 | 189.88 | 29.64 | -108.61 | -1,369.71 | -10,944.82 | 3,165.87 | 3,104.10 | 61.77 | 51.255 | | |
| 13,000.00 | 6,840.00 | 6,953.87 | 6,856.67 | 192.54 | 29.61 | -107.96 | -1,368.92 | -10,945.17 | 3,066.85 | 3,004.73 | 62.12 | 49.372 | | |
| 13,100.00 | 6,840.00 | 6,948.33 | 6,851.19 | 195.20 | 29.59 | -107.30 | -1,368.13 | -10,945.51 | 2,967.88 | 2,905.36 | 62.53 | 47.467 | | |
| 13,200.00 | 6,840.00 | 6,942.72 | 6,845.66 | 197.87 | 29.56 | -106.62 | -1,367.33 | -10,945.86 | 2,868.97 | 2,805.97 | 63.00 | 45.538 | | |
| 13,300.00 | 6,840.00 | 6,937.06 | 6,840.07 | 200.53 | 29.54 | -105.94 | -1,366.51 | -10,946.22 | 2,770.13 | 2,706.58 | 63.55 | 43.588 | | |
| 13,400.00 | 6,840.00 | 6,931.35 | 6,834.43 | 203.20 | 29.51 | -105.23 | -1,365.69 | -10,946.58 | 2,671.36 | 2,607.17 | 64.19 | 41.615 | | |
| 13,500.00 | 6,840.00 | 6,925.58 | 6,828.73 | 205.87 | 29.49 | -104.52 | -1,364.85 | -10,946.95 | 2,572.67 | 2,507.74 | 64.93 | 39.622 | | |
| 13,600.00 | 6,840.00 | 6,922.70 | 6,825.89 | 208.54 | 29.48 | -104.16 | -1,364.42 | -10,947.12 | 2,474.06 | 2,408.28 | 65.78 | 37.608 | | |
| 13,700.00 | 6,840.00 | 6,915.40 | 6,818.68 | 211.22 | 29.44 | -103.23 | -1,363.37 | -10,947.59 | 2,375.57 | 2,308.80 | 66.77 | 35.581 | | |
| 13,800.00 | 6,840.00 | 6,908.12 | 6,811.49 | 213.89 | 29.41 | -102.30 | -1,362.32 | -10,948.07 | 2,277.18 | 2,209.29 | 67.89 | 33.540 | | |
| 13,900.00 | 6,840.00 | 6,900.85 | 6,804.32 | 216.56 | 29.38 | -101.36 | -1,361.25 | -10,948.54 | 2,178.93 | 2,109.73 | 69.19 | 31.491 | | |
| 14,000.00 | 6,840.00 | 6,893.60 | 6,797.16 | 219.24 | 29.34 | -100.41 | -1,360.17 | -10,949.00 | 2,080.81 | 2,010.13 | 70.68 | 29.438 | | |
| 14,100.00 | 6,840.00 | 6,886.37 | 6,790.02 | 221.92 | 29.31 | -99.45 | -1,359.09 | -10,949.47 | 1,982.86 | 1,910.46 | 72.40 | 27.387 | | |
| 14,200.00 | 6,840.00 | 6,879.15 | 6,782.90 | 224.59 | 29.28 | -98.49 | -1,358.00 | -10,949.94 | 1,885.10 | 1,810.72 | 74.38 | 25.344 | | |
| 14,300.00 | 6,840.00 | 6,871.94 | 6,775.80 | 227.27 | 29.24 | -97.51 | -1,356.90 | -10,950.40 | 1,787.57 | 1,710.91 | 76.66 | 23.318 | | |
| 14,400.00 | 6,840.00 | 6,864.75 | 6,768.71 | 229.95 | 29.21 | -96.53 | -1,355.80 | -10,950.86 | 1,690.29 | 1,610.99 | 79.30 | 21.316 | | |
| 14,500.00 | 6,840.00 | 6,857.58 | 6,761.64 | 232.63 | 29.18 | -95.54 | -1,354.68 | -10,951.32 | 1,593.32 | 1,510.97 | 82.35 | 19.349 | | |
| 14,600.00 | 6,840.00 | 6,850.42 | 6,754.58 | 235.31 | 29.14 | -94.55 | -1,353.56 | -10,951.78 | 1,496.72 | 1,410.83 | 85.89 | 17.426 | | |
| 14,700.00 | 6,840.00 | 6,843.28 | 6,747.55 | 238.00 | 29.11 | -93.55 | -1,352.43 | -10,952.24 | 1,400.56 | 1,310.54 | 90.02 | 15.558 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST HZ LIBACK 44-27 - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|---------------------|-----------|
| Survey Program: 678-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 14,800.00 | 6,840.00 | 6,836.16 | 6,740.53 | 240.68 | 29.08 | -92.54 | -1,351.29 | -10,952.70 | 1,304.95 | 1,210.08 | 94.86 | 13.756 | | |
| 14,900.00 | 6,840.00 | 6,829.05 | 6,733.53 | 243.36 | 29.04 | -91.53 | -1,350.15 | -10,953.15 | 1,210.00 | 1,109.44 | 100.56 | 12.033 | | |
| 15,000.00 | 6,840.00 | 6,821.95 | 6,726.54 | 246.05 | 29.01 | -90.52 | -1,348.99 | -10,953.60 | 1,115.90 | 1,008.59 | 107.31 | 10.399 | | |
| 15,100.00 | 6,840.00 | 6,814.87 | 6,719.57 | 248.74 | 28.98 | -89.50 | -1,347.83 | -10,954.05 | 1,022.87 | 907.53 | 115.35 | 8.868 | | |
| 15,200.00 | 6,840.00 | 6,807.94 | 6,712.74 | 251.42 | 28.95 | -88.49 | -1,346.68 | -10,954.50 | 931.24 | 806.24 | 125.01 | 7.449 | | |
| 15,300.00 | 6,840.00 | 6,801.06 | 6,705.98 | 254.11 | 28.91 | -87.49 | -1,345.54 | -10,954.94 | 841.47 | 704.77 | 136.70 | 6.156 | | |
| 15,400.00 | 6,840.00 | 6,794.14 | 6,699.17 | 256.80 | 28.88 | -86.48 | -1,344.37 | -10,955.38 | 754.21 | 603.29 | 150.93 | 4.997 | | |
| 15,500.00 | 6,840.00 | 6,787.19 | 6,692.33 | 259.49 | 28.85 | -85.47 | -1,343.19 | -10,955.82 | 670.46 | 502.15 | 168.31 | 3.984 | | |
| 15,600.00 | 6,840.00 | 6,780.19 | 6,685.46 | 262.17 | 28.81 | -84.44 | -1,342.00 | -10,956.27 | 591.70 | 402.26 | 189.44 | 3.123 | | |
| 15,700.00 | 6,840.00 | 6,773.16 | 6,678.55 | 264.86 | 28.78 | -83.40 | -1,340.79 | -10,956.73 | 520.19 | 305.64 | 214.55 | 2.425 | | |
| 15,800.00 | 6,840.00 | 6,766.09 | 6,671.60 | 267.55 | 28.74 | -82.36 | -1,339.56 | -10,957.19 | 459.35 | 216.65 | 242.70 | 1.893 | | |
| 15,900.00 | 6,840.00 | 6,758.99 | 6,664.62 | 270.25 | 28.71 | -81.31 | -1,338.31 | -10,957.65 | 413.90 | 143.69 | 270.21 | 1.532 | | |
| 16,000.00 | 6,840.00 | 6,751.84 | 6,657.60 | 272.94 | 28.68 | -80.25 | -1,337.05 | -10,958.11 | 389.27 | 99.33 | 289.94 | 1.343 | Level 3 | |
| 16,049.39 | 6,840.00 | 6,748.29 | 6,654.12 | 274.27 | 28.66 | -79.72 | -1,336.41 | -10,958.34 | 386.14 | 91.75 | 294.39 | 1.312 | Level 3, CC, ES, SF | |
| 16,100.00 | 6,840.00 | 6,744.65 | 6,650.54 | 275.63 | 28.64 | -79.19 | -1,335.76 | -10,958.58 | 389.42 | 94.79 | 294.63 | 1.322 | Level 3 | |
| 16,200.00 | 6,840.00 | 6,737.43 | 6,643.45 | 278.32 | 28.61 | -78.12 | -1,334.46 | -10,959.05 | 414.34 | 130.69 | 283.65 | 1.461 | Level 3 | |
| 16,300.00 | 6,840.00 | 6,730.16 | 6,636.32 | 281.02 | 28.57 | -77.04 | -1,333.15 | -10,959.53 | 460.01 | 196.74 | 263.27 | 1.747 | | |
| 16,400.00 | 6,840.00 | 6,722.85 | 6,629.15 | 283.71 | 28.54 | -75.96 | -1,331.81 | -10,960.01 | 521.00 | 280.56 | 240.44 | 2.167 | | |
| 16,500.00 | 6,840.00 | 6,715.89 | 6,622.32 | 286.40 | 28.50 | -74.94 | -1,330.53 | -10,960.47 | 592.60 | 373.49 | 219.11 | 2.705 | | |
| 16,600.00 | 6,840.00 | 6,709.63 | 6,616.19 | 289.10 | 28.47 | -74.02 | -1,329.38 | -10,960.88 | 671.44 | 470.75 | 200.69 | 3.346 | | |
| 16,700.00 | 6,840.00 | 6,703.36 | 6,610.04 | 291.79 | 28.44 | -73.10 | -1,328.24 | -10,961.30 | 755.24 | 570.06 | 185.18 | 4.078 | | |
| 16,800.00 | 6,840.00 | 6,697.08 | 6,603.87 | 294.49 | 28.41 | -72.18 | -1,327.10 | -10,961.71 | 842.54 | 670.30 | 172.24 | 4.892 | | |
| 16,900.00 | 6,840.00 | 6,690.77 | 6,597.68 | 297.19 | 28.38 | -71.27 | -1,325.97 | -10,962.13 | 932.35 | 770.92 | 161.43 | 5.776 | | |
| 17,000.00 | 6,840.00 | 6,684.45 | 6,591.47 | 299.88 | 28.35 | -70.35 | -1,324.84 | -10,962.55 | 1,024.00 | 871.67 | 152.34 | 6.722 | | |
| 17,100.00 | 6,840.00 | 6,678.11 | 6,585.25 | 302.58 | 28.32 | -69.44 | -1,323.72 | -10,962.97 | 1,117.05 | 972.42 | 144.64 | 7.723 | | |
| 17,200.00 | 6,840.00 | 6,671.75 | 6,579.00 | 305.28 | 28.29 | -68.53 | -1,322.60 | -10,963.40 | 1,211.18 | 1,073.11 | 138.06 | 8.773 | | |
| 17,300.00 | 6,840.00 | 6,665.37 | 6,572.74 | 307.97 | 28.26 | -67.63 | -1,321.48 | -10,963.82 | 1,306.14 | 1,173.74 | 132.40 | 9.865 | | |
| 17,400.00 | 6,840.00 | 6,658.98 | 6,566.46 | 310.67 | 28.23 | -66.73 | -1,320.38 | -10,964.25 | 1,401.78 | 1,274.28 | 127.49 | 10.995 | | |
| 17,500.00 | 6,840.00 | 6,652.57 | 6,560.15 | 313.37 | 28.20 | -65.83 | -1,319.27 | -10,964.68 | 1,497.95 | 1,374.75 | 123.20 | 12.159 | | |
| 17,600.00 | 6,840.00 | 6,646.14 | 6,553.83 | 316.07 | 28.17 | -64.94 | -1,318.17 | -10,965.11 | 1,594.57 | 1,475.14 | 119.43 | 13.352 | | |
| 17,700.00 | 6,840.00 | 6,639.69 | 6,547.49 | 318.77 | 28.14 | -64.05 | -1,317.08 | -10,965.55 | 1,691.55 | 1,575.47 | 116.08 | 14.572 | | |
| 17,800.00 | 6,840.00 | 6,633.22 | 6,541.13 | 321.47 | 28.10 | -63.17 | -1,315.99 | -10,965.98 | 1,788.85 | 1,675.74 | 113.11 | 15.815 | | |
| 17,900.00 | 6,840.00 | 6,626.73 | 6,534.75 | 324.17 | 28.07 | -62.29 | -1,314.91 | -10,966.42 | 1,886.40 | 1,775.95 | 110.45 | 17.079 | | |
| 18,000.00 | 6,840.00 | 6,620.30 | 6,531.08 | 326.87 | 28.05 | -61.80 | -1,314.29 | -10,966.67 | 1,984.18 | 1,876.03 | 108.15 | 18.347 | | |
| 18,100.00 | 6,840.00 | 6,623.00 | 6,531.08 | 329.57 | 28.05 | -61.80 | -1,314.29 | -10,966.67 | 2,082.16 | 1,975.97 | 106.20 | 19.607 | | |
| 18,200.00 | 6,840.00 | 6,612.29 | 6,520.54 | 332.27 | 28.01 | -60.38 | -1,312.53 | -10,967.38 | 2,180.29 | 2,076.19 | 104.10 | 20.945 | | |
| 18,300.00 | 6,840.00 | 6,608.09 | 6,516.40 | 334.97 | 27.99 | -59.83 | -1,311.84 | -10,967.65 | 2,278.58 | 2,176.20 | 102.38 | 22.256 | | |
| 18,400.00 | 6,840.00 | 6,604.00 | 6,512.37 | 337.67 | 27.97 | -59.30 | -1,311.18 | -10,967.91 | 2,377.00 | 2,276.18 | 100.82 | 23.577 | | |
| 18,500.00 | 6,840.00 | 6,600.02 | 6,508.46 | 340.38 | 27.95 | -58.79 | -1,310.53 | -10,968.16 | 2,475.54 | 2,376.15 | 99.39 | 24.907 | | |
| 18,600.00 | 6,840.00 | 6,596.15 | 6,504.65 | 343.08 | 27.93 | -58.30 | -1,309.91 | -10,968.40 | 2,574.18 | 2,476.09 | 98.09 | 26.244 | | |
| 18,700.00 | 6,840.00 | 6,592.39 | 6,500.94 | 345.78 | 27.91 | -57.82 | -1,309.31 | -10,968.63 | 2,672.91 | 2,576.02 | 96.89 | 27.587 | | |
| 18,800.00 | 6,840.00 | 6,588.72 | 6,497.32 | 348.48 | 27.90 | -57.36 | -1,308.72 | -10,968.85 | 2,771.73 | 2,675.94 | 95.79 | 28.936 | | |
| 18,900.00 | 6,840.00 | 6,585.14 | 6,493.80 | 351.19 | 27.88 | -56.91 | -1,308.16 | -10,969.07 | 2,870.62 | 2,775.84 | 94.77 | 30.289 | | |
| 19,000.00 | 6,840.00 | 6,581.66 | 6,490.37 | 353.89 | 27.86 | -56.48 | -1,307.61 | -10,969.27 | 2,969.58 | 2,875.74 | 93.83 | 31.647 | | |
| 19,100.00 | 6,840.00 | 6,578.27 | 6,487.02 | 356.59 | 27.85 | -56.06 | -1,307.07 | -10,969.47 | 3,068.59 | 2,975.63 | 92.97 | 33.007 | | |
| 19,200.00 | 6,840.00 | 6,574.96 | 6,483.75 | 359.30 | 27.83 | -55.66 | -1,306.55 | -10,969.66 | 3,167.67 | 3,075.51 | 92.16 | 34.371 | | |
| 19,300.00 | 6,840.00 | 6,571.73 | 6,480.57 | 362.00 | 27.82 | -55.26 | -1,306.05 | -10,969.84 | 3,266.79 | 3,175.38 | 91.41 | 35.736 | | |
| 19,400.00 | 6,840.00 | 6,568.58 | 6,477.46 | 364.71 | 27.80 | -54.88 | -1,305.56 | -10,970.02 | 3,365.96 | 3,275.24 | 90.72 | 37.103 | | |
| 19,500.00 | 6,840.00 | 6,565.50 | 6,474.43 | 367.41 | 27.79 | -54.51 | -1,305.08 | -10,970.19 | 3,465.18 | 3,375.10 | 90.07 | 38.471 | | |
| 19,600.00 | 6,840.00 | 6,562.50 | 6,471.47 | 370.11 | 27.78 | -54.16 | -1,304.62 | -10,970.35 | 3,564.43 | 3,474.96 | 89.47 | 39.840 | | |
| 19,700.00 | 6,840.00 | 6,559.57 | 6,468.57 | 372.82 | 27.76 | -53.81 | -1,304.17 | -10,970.51 | 3,663.72 | 3,574.81 | 88.90 | 41.210 | | |
| 19,800.00 | 6,840.00 | 6,556.70 | 6,465.75 | 375.53 | 27.75 | -53.47 | -1,303.73 | -10,970.66 | 3,763.04 | 3,674.66 | 88.38 | 42.579 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST HZ LIBACK 44-27 - OWB - FINAL SURVEY | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 678-MWD OWSG | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 19,900.00 | 6,840.00 | 6,553.90 | 6,462.99 | 378.23 | 27.74 | -53.15 | -1,303.30 | -10,970.81 | 3,862.39 | 3,774.51 | 87.88 | 43.948 | |
| 20,000.00 | 6,840.00 | 6,551.17 | 6,460.29 | 380.94 | 27.72 | -52.83 | -1,302.89 | -10,970.95 | 3,961.77 | 3,874.35 | 87.42 | 45.317 | |
| 20,100.00 | 6,840.00 | 6,548.49 | 6,457.65 | 383.64 | 27.71 | -52.52 | -1,302.48 | -10,971.09 | 4,061.18 | 3,974.19 | 86.99 | 46.685 | |
| 20,200.00 | 6,840.00 | 6,528.00 | 6,437.41 | 386.35 | 27.62 | -50.22 | -1,299.42 | -10,972.09 | 4,160.69 | 4,074.45 | 86.24 | 48.245 | |
| 20,300.00 | 6,840.00 | 6,528.00 | 6,437.41 | 389.05 | 27.62 | -50.22 | -1,299.42 | -10,972.09 | 4,260.13 | 4,174.22 | 85.91 | 49.586 | |
| 20,400.00 | 6,840.00 | 6,528.00 | 6,437.41 | 391.76 | 27.62 | -50.22 | -1,299.42 | -10,972.09 | 4,359.59 | 4,273.99 | 85.61 | 50.926 | |
| 20,442.82 | 6,840.00 | 6,528.00 | 6,437.41 | 392.92 | 27.62 | -50.22 | -1,299.42 | -10,972.09 | 4,402.19 | 4,316.71 | 85.48 | 51.499 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST HZ LIBSACK 4-8-27 - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 680-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 7,900.00 | 6,840.00 | 4,266.70 | 4,164.63 | 63.69 | 2.54 | -22.07 | -1,984.22 | -12,387.16 | 9,963.05 | 9,927.05 | 36.00 | 276.739 | | |
| 8,000.00 | 6,840.00 | 4,299.00 | 4,195.83 | 65.82 | 2.56 | -22.34 | -1,985.51 | -12,395.44 | 9,867.04 | 9,831.00 | 36.04 | 273.764 | | |
| 8,100.00 | 6,840.00 | 4,299.00 | 4,195.83 | 67.99 | 2.56 | -22.34 | -1,985.51 | -12,395.44 | 9,770.97 | 9,734.89 | 36.08 | 270.784 | | |
| 8,200.00 | 6,840.00 | 4,299.00 | 4,195.83 | 70.21 | 2.56 | -22.34 | -1,985.51 | -12,395.44 | 9,674.98 | 9,638.85 | 36.13 | 267.766 | | |
| 8,300.00 | 6,840.00 | 4,311.56 | 4,207.95 | 72.45 | 2.57 | -22.45 | -1,986.05 | -12,398.69 | 9,579.06 | 9,542.87 | 36.19 | 264.716 | | |
| 8,400.00 | 6,840.00 | 4,336.58 | 4,232.10 | 74.73 | 2.59 | -22.67 | -1,987.07 | -12,405.17 | 9,483.16 | 9,446.92 | 36.24 | 261.645 | | |
| 8,500.00 | 6,840.00 | 4,361.67 | 4,256.31 | 77.04 | 2.62 | -22.89 | -1,988.04 | -12,411.67 | 9,387.29 | 9,350.98 | 36.31 | 258.553 | | |
| 8,600.00 | 6,840.00 | 4,386.83 | 4,280.59 | 79.38 | 2.64 | -23.11 | -1,988.95 | -12,418.20 | 9,291.42 | 9,255.05 | 36.37 | 255.440 | | |
| 8,700.00 | 6,840.00 | 4,413.24 | 4,306.08 | 81.74 | 2.66 | -23.35 | -1,989.89 | -12,425.06 | 9,195.58 | 9,159.13 | 36.45 | 252.309 | | |
| 8,800.00 | 6,840.00 | 4,439.08 | 4,331.92 | 84.12 | 2.68 | -23.58 | -1,990.83 | -12,431.91 | 9,099.66 | 9,063.20 | 36.46 | 249.570 | | |
| 8,900.00 | 6,840.00 | 4,464.92 | 4,356.76 | 86.52 | 2.70 | -23.81 | -1,991.77 | -12,438.76 | 9,003.74 | 8,967.33 | 36.44 | 247.103 | | |
| 9,000.00 | 6,840.00 | 4,490.76 | 4,382.60 | 88.94 | 2.72 | -24.04 | -1,992.71 | -12,445.61 | 8,907.82 | 8,871.41 | 36.50 | 244.015 | | |
| 9,100.00 | 6,840.00 | 4,516.60 | 4,408.44 | 91.36 | 2.74 | -24.27 | -1,993.65 | -12,452.46 | 8,811.90 | 8,775.49 | 36.57 | 240.902 | | |
| 9,200.00 | 6,840.00 | 4,542.44 | 4,434.28 | 93.83 | 2.76 | -24.50 | -1,994.59 | -12,459.31 | 8,716.38 | 8,680.00 | 36.67 | 237.623 | | |
| 9,300.00 | 6,840.00 | 4,568.28 | 4,460.12 | 96.30 | 2.78 | -24.73 | -1,995.53 | -12,466.16 | 8,620.86 | 8,584.51 | 36.77 | 234.332 | | |
| 9,400.00 | 6,840.00 | 4,594.12 | 4,485.96 | 98.79 | 2.80 | -24.96 | -1,996.47 | -12,473.01 | 8,525.34 | 8,488.96 | 36.89 | 230.999 | | |
| 9,500.00 | 6,840.00 | 4,619.96 | 4,511.80 | 101.28 | 2.82 | -25.19 | -1,997.41 | -12,479.86 | 8,429.82 | 8,393.87 | 36.98 | 227.799 | | |
| 9,600.00 | 6,840.00 | 4,645.80 | 4,537.64 | 103.79 | 2.84 | -25.42 | -1,998.35 | -12,486.71 | 8,334.30 | 8,298.35 | 37.10 | 224.437 | | |
| 9,700.00 | 6,840.00 | 4,671.64 | 4,563.48 | 106.30 | 2.86 | -25.65 | -1,999.29 | -12,493.56 | 8,238.72 | 8,202.82 | 37.24 | 221.039 | | |
| 9,800.00 | 6,840.00 | 4,697.48 | 4,589.32 | 108.83 | 2.88 | -25.88 | -2,000.23 | -12,500.41 | 8,143.15 | 8,107.25 | 37.38 | 217.606 | | |
| 9,900.00 | 6,840.00 | 4,723.32 | 4,615.16 | 111.37 | 2.90 | -26.11 | -2,001.17 | -12,507.26 | 8,047.58 | 8,011.68 | 37.54 | 214.138 | | |
| 10,000.00 | 6,840.00 | 4,749.16 | 4,641.00 | 113.91 | 2.92 | -26.34 | -2,002.11 | -12,514.11 | 7,951.99 | 7,916.09 | 37.67 | 210.841 | | |
| 10,100.00 | 6,840.00 | 4,774.99 | 4,666.84 | 116.47 | 2.94 | -26.57 | -2,003.05 | -12,520.96 | 7,856.41 | 7,820.51 | 37.86 | 207.248 | | |
| 10,200.00 | 6,840.00 | 4,800.83 | 4,692.68 | 119.03 | 2.96 | -26.80 | -2,003.99 | -12,527.81 | 7,760.82 | 7,724.92 | 38.07 | 203.615 | | |
| 10,300.00 | 6,840.00 | 4,826.67 | 4,718.52 | 121.59 | 2.98 | -27.03 | -2,004.93 | -12,534.66 | 7,665.24 | 7,629.34 | 38.29 | 199.946 | | |
| 10,400.00 | 6,840.00 | 4,852.51 | 4,744.36 | 124.17 | 3.00 | -27.26 | -2,005.87 | -12,541.51 | 7,569.65 | 7,533.75 | 38.52 | 196.240 | | |
| 10,500.00 | 6,840.00 | 4,878.35 | 4,770.20 | 126.75 | 3.02 | -27.49 | -2,006.81 | -12,548.36 | 7,474.06 | 7,438.16 | 38.73 | 192.707 | | |
| 10,600.00 | 6,840.00 | 4,904.19 | 4,796.04 | 129.34 | 3.04 | -27.72 | -2,007.75 | -12,555.21 | 7,378.47 | 7,342.57 | 38.97 | 189.062 | | |
| 10,700.00 | 6,840.00 | 4,930.03 | 4,821.88 | 131.93 | 3.06 | -27.95 | -2,008.69 | -12,562.06 | 7,282.88 | 7,246.98 | 39.23 | 185.391 | | |
| 10,800.00 | 6,840.00 | 4,955.87 | 4,847.72 | 134.53 | 3.08 | -28.18 | -2,009.63 | -12,568.91 | 7,187.29 | 7,151.39 | 39.50 | 181.696 | | |
| 10,900.00 | 6,840.00 | 4,981.71 | 4,873.56 | 137.13 | 3.10 | -28.41 | -2,010.57 | -12,575.76 | 7,091.70 | 7,055.80 | 39.75 | 178.124 | | |
| 11,000.00 | 6,840.00 | 5,007.55 | 4,899.40 | 139.73 | 3.12 | -28.64 | -2,011.51 | -12,582.61 | 7,000.00 | 6,964.00 | 40.09 | 174.244 | | |
| 11,100.00 | 6,840.00 | 5,033.39 | 4,925.24 | 142.35 | 3.14 | -28.87 | -2,012.45 | -12,589.46 | 6,908.31 | 6,872.41 | 40.45 | 170.339 | | |
| 11,200.00 | 6,840.00 | 5,059.23 | 4,951.08 | 144.96 | 3.16 | -29.10 | -2,013.39 | -12,596.31 | 6,816.62 | 6,780.72 | 36.02 | 188.663 | | |
| 11,300.00 | 6,840.00 | 5,085.07 | 4,976.92 | 147.58 | 3.18 | -29.33 | -2,014.33 | -12,603.16 | 6,724.93 | 6,689.03 | 36.25 | 184.726 | | |
| 11,400.00 | 6,840.00 | 5,110.91 | 5,002.76 | 150.20 | 3.20 | -29.56 | -2,015.27 | -12,610.01 | 6,633.24 | 6,601.34 | 36.51 | 180.721 | | |
| 11,500.00 | 6,840.00 | 5,136.75 | 5,028.60 | 152.83 | 3.22 | -29.79 | -2,016.21 | -12,616.86 | 6,541.55 | 6,509.65 | 36.79 | 176.651 | | |
| 11,600.00 | 6,840.00 | 5,162.59 | 5,054.44 | 155.46 | 3.24 | -30.02 | -2,017.15 | -12,623.71 | 6,449.86 | 6,417.96 | 37.10 | 172.519 | | |
| 11,700.00 | 6,840.00 | 5,188.43 | 5,080.28 | 158.09 | 3.26 | -30.25 | -2,018.09 | -12,630.56 | 6,358.17 | 6,326.27 | 37.44 | 168.327 | | |
| 11,800.00 | 6,840.00 | 5,214.27 | 5,106.12 | 160.73 | 3.28 | -30.48 | -2,019.03 | -12,637.41 | 6,266.48 | 6,234.58 | 37.81 | 164.080 | | |
| 11,900.00 | 6,840.00 | 5,240.11 | 5,131.96 | 163.36 | 3.30 | -30.71 | -2,020.00 | -12,644.26 | 6,174.79 | 6,142.89 | 38.21 | 159.783 | | |
| 12,000.00 | 6,840.00 | 5,265.95 | 5,157.80 | 166.01 | 3.32 | -30.94 | -2,020.94 | -12,651.11 | 6,083.10 | 6,051.20 | 38.65 | 155.439 | | |
| 12,100.00 | 6,840.00 | 5,291.79 | 5,183.64 | 168.65 | 3.34 | -31.17 | -2,021.88 | -12,657.96 | 5,991.41 | 5,959.51 | 39.12 | 151.056 | | |
| 12,200.00 | 6,840.00 | 5,317.63 | 5,209.48 | 171.30 | 3.36 | -31.40 | -2,022.82 | -12,664.81 | 5,899.72 | 5,867.82 | 39.63 | 146.637 | | |
| 12,300.00 | 6,840.00 | 5,343.47 | 5,235.32 | 173.94 | 3.38 | -31.63 | -2,023.76 | -12,671.66 | 5,808.03 | 5,776.13 | 40.17 | 142.191 | | |
| 12,400.00 | 6,840.00 | 5,369.31 | 5,261.16 | 176.59 | 3.40 | -31.86 | -2,024.70 | -12,678.51 | 5,716.34 | 5,684.44 | 40.77 | 137.724 | | |
| 12,500.00 | 6,840.00 | 5,395.15 | 5,287.00 | 179.25 | 3.42 | -32.09 | -2,025.64 | -12,685.36 | 5,624.65 | 5,592.75 | 41.40 | 133.242 | | |
| 12,600.00 | 6,840.00 | 5,420.99 | 5,312.84 | 181.90 | 3.44 | -32.32 | -2,026.58 | -12,692.21 | 5,532.96 | 5,501.06 | 42.08 | 128.754 | | |
| 12,700.00 | 6,840.00 | 5,446.83 | 5,338.68 | 184.56 | 3.46 | -32.55 | -2,027.52 | -12,699.06 | 5,441.27 | 5,409.37 | 42.82 | 124.267 | | |
| 12,800.00 | 6,840.00 | 5,472.67 | 5,364.52 | 187.22 | 3.48 | -32.78 | -2,028.46 | -12,705.91 | 5,349.58 | 5,317.68 | 43.60 | 119.789 | | |
| 12,900.00 | 6,840.00 | 5,498.51 | 5,390.36 | 189.88 | 3.50 | -33.01 | -2,029.40 | -12,712.76 | 5,257.89 | 5,225.99 | 44.44 | 115.328 | | |
| 13,000.00 | 6,840.00 | 5,524.35 | 5,416.20 | 192.54 | 3.52 | -33.24 | -2,030.34 | -12,719.61 | 5,166.20 | 5,134.30 | 45.34 | 110.892 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST HZ LIBSACK 4-8-27 - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 680-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 13,100.00 | 6,840.00 | 6,807.37 | 6,655.93 | 195.20 | 3.71 | -86.87 | -2,046.67 | -12,817.85 | 4,929.93 | 4,883.63 | 46.30 | 106.488 | | |
| 13,200.00 | 6,840.00 | 6,808.71 | 6,657.27 | 197.87 | 3.71 | -86.94 | -2,046.66 | -12,817.87 | 4,832.51 | 4,785.19 | 47.32 | 102.126 | | |
| 13,300.00 | 6,840.00 | 6,810.06 | 6,658.61 | 200.53 | 3.71 | -87.01 | -2,046.65 | -12,817.89 | 4,735.19 | 4,686.78 | 48.41 | 97.813 | | |
| 13,400.00 | 6,840.00 | 6,811.40 | 6,659.96 | 203.20 | 3.71 | -87.08 | -2,046.64 | -12,817.90 | 4,637.98 | 4,588.41 | 49.57 | 93.556 | | |
| 13,500.00 | 6,840.00 | 6,812.75 | 6,661.31 | 205.87 | 3.71 | -87.15 | -2,046.63 | -12,817.92 | 4,540.90 | 4,490.09 | 50.81 | 89.361 | | |
| 13,600.00 | 6,840.00 | 6,814.11 | 6,662.66 | 208.54 | 3.71 | -87.22 | -2,046.62 | -12,817.94 | 4,443.95 | 4,391.81 | 52.14 | 85.238 | | |
| 13,700.00 | 6,840.00 | 6,815.47 | 6,664.02 | 211.22 | 3.71 | -87.29 | -2,046.61 | -12,817.96 | 4,347.13 | 4,293.59 | 53.54 | 81.190 | | |
| 13,800.00 | 6,840.00 | 6,816.83 | 6,665.38 | 213.89 | 3.71 | -87.36 | -2,046.60 | -12,817.98 | 4,250.46 | 4,195.42 | 55.04 | 77.225 | | |
| 13,900.00 | 6,840.00 | 6,818.19 | 6,666.74 | 216.56 | 3.71 | -87.43 | -2,046.59 | -12,818.00 | 4,153.95 | 4,097.32 | 56.63 | 73.349 | | |
| 14,000.00 | 6,840.00 | 6,819.56 | 6,668.11 | 219.24 | 3.71 | -87.50 | -2,046.58 | -12,818.02 | 4,057.61 | 3,999.28 | 58.33 | 69.565 | | |
| 14,100.00 | 6,840.00 | 6,820.93 | 6,669.48 | 221.92 | 3.71 | -87.58 | -2,046.58 | -12,818.04 | 3,961.45 | 3,901.31 | 60.13 | 65.879 | | |
| 14,200.00 | 6,840.00 | 6,822.31 | 6,670.86 | 224.59 | 3.71 | -87.65 | -2,046.57 | -12,818.06 | 3,865.48 | 3,803.43 | 62.05 | 62.295 | | |
| 14,300.00 | 6,840.00 | 6,823.69 | 6,672.24 | 227.27 | 3.71 | -87.72 | -2,046.56 | -12,818.08 | 3,769.72 | 3,705.62 | 64.09 | 58.816 | | |
| 14,400.00 | 6,840.00 | 6,825.07 | 6,673.62 | 229.95 | 3.71 | -87.79 | -2,046.55 | -12,818.10 | 3,674.18 | 3,607.92 | 66.27 | 55.445 | | |
| 14,500.00 | 6,840.00 | 6,826.45 | 6,674.70 | 232.63 | 3.71 | -87.85 | -2,046.54 | -12,818.11 | 3,578.89 | 3,510.31 | 68.58 | 52.184 | | |
| 14,600.00 | 6,840.00 | 6,827.83 | 6,676.04 | 235.31 | 3.71 | -87.92 | -2,046.53 | -12,818.13 | 3,483.87 | 3,412.82 | 71.05 | 49.036 | | |
| 14,700.00 | 6,840.00 | 6,828.82 | 6,677.37 | 238.00 | 3.71 | -87.99 | -2,046.52 | -12,818.15 | 3,389.13 | 3,315.45 | 73.67 | 46.002 | | |
| 14,800.00 | 6,840.00 | 6,830.16 | 6,678.72 | 240.68 | 3.71 | -88.06 | -2,046.51 | -12,818.17 | 3,294.70 | 3,218.22 | 76.47 | 43.084 | | |
| 14,900.00 | 6,840.00 | 6,831.51 | 6,680.06 | 243.36 | 3.71 | -88.13 | -2,046.51 | -12,818.19 | 3,200.60 | 3,121.15 | 79.46 | 40.281 | | |
| 15,000.00 | 6,840.00 | 6,832.86 | 6,681.41 | 246.05 | 3.71 | -88.20 | -2,046.50 | -12,818.21 | 3,106.88 | 3,024.24 | 82.64 | 37.594 | | |
| 15,100.00 | 6,840.00 | 6,834.20 | 6,682.76 | 248.74 | 3.71 | -88.27 | -2,046.49 | -12,818.23 | 3,013.56 | 2,927.51 | 86.04 | 35.024 | | |
| 15,200.00 | 6,840.00 | 6,835.56 | 6,684.11 | 251.42 | 3.71 | -88.34 | -2,046.48 | -12,818.25 | 2,920.68 | 2,831.00 | 89.68 | 32.569 | | |
| 15,300.00 | 6,840.00 | 6,836.91 | 6,685.46 | 254.11 | 3.71 | -88.41 | -2,046.47 | -12,818.27 | 2,828.28 | 2,734.72 | 93.56 | 30.228 | | |
| 15,400.00 | 6,840.00 | 6,838.27 | 6,686.82 | 256.80 | 3.71 | -88.48 | -2,046.46 | -12,818.29 | 2,736.42 | 2,638.69 | 97.72 | 28.001 | | |
| 15,500.00 | 6,840.00 | 6,839.63 | 6,688.18 | 259.49 | 3.71 | -88.55 | -2,046.45 | -12,818.31 | 2,645.15 | 2,542.97 | 102.18 | 25.887 | | |
| 15,600.00 | 6,840.00 | 6,840.99 | 6,689.54 | 262.17 | 3.71 | -88.62 | -2,046.45 | -12,818.32 | 2,554.53 | 2,447.57 | 106.96 | 23.883 | | |
| 15,700.00 | 6,840.00 | 6,842.36 | 6,690.91 | 264.86 | 3.71 | -88.69 | -2,046.44 | -12,818.34 | 2,464.63 | 2,352.55 | 112.08 | 21.989 | | |
| 15,800.00 | 6,840.00 | 6,843.73 | 6,692.28 | 267.55 | 3.71 | -88.76 | -2,046.43 | -12,818.36 | 2,375.55 | 2,257.96 | 117.59 | 20.202 | | |
| 15,900.00 | 6,840.00 | 6,845.10 | 6,693.65 | 270.25 | 3.72 | -88.83 | -2,046.42 | -12,818.38 | 2,287.36 | 2,163.85 | 123.51 | 18.520 | | |
| 16,000.00 | 6,840.00 | 6,846.47 | 6,695.02 | 272.94 | 3.72 | -88.91 | -2,046.41 | -12,818.40 | 2,200.18 | 2,070.32 | 129.87 | 16.942 | | |
| 16,100.00 | 6,840.00 | 6,847.85 | 6,696.40 | 275.63 | 3.72 | -88.98 | -2,046.40 | -12,818.42 | 2,114.14 | 1,977.43 | 136.71 | 15.464 | | |
| 16,200.00 | 6,840.00 | 6,849.23 | 6,697.78 | 278.32 | 3.72 | -89.05 | -2,046.39 | -12,818.44 | 2,029.38 | 1,885.30 | 144.08 | 14.085 | | |
| 16,300.00 | 6,840.00 | 6,850.61 | 6,699.16 | 281.02 | 3.72 | -89.12 | -2,046.39 | -12,818.46 | 1,946.07 | 1,794.05 | 152.02 | 12.802 | | |
| 16,400.00 | 6,840.00 | 6,852.00 | 6,700.55 | 283.71 | 3.72 | -89.19 | -2,046.38 | -12,818.48 | 1,864.39 | 1,703.84 | 160.55 | 11.613 | | |
| 16,500.00 | 6,840.00 | 6,853.38 | 6,701.93 | 286.40 | 3.72 | -89.27 | -2,046.37 | -12,818.50 | 1,784.58 | 1,614.86 | 169.72 | 10.515 | | |
| 16,600.00 | 6,840.00 | 6,854.78 | 6,703.32 | 289.10 | 3.72 | -89.34 | -2,046.36 | -12,818.52 | 1,706.90 | 1,527.33 | 179.57 | 9.506 | | |
| 16,700.00 | 6,840.00 | 6,856.17 | 6,704.72 | 291.79 | 3.72 | -89.41 | -2,046.35 | -12,818.54 | 1,631.64 | 1,441.54 | 190.11 | 8.583 | | |
| 16,800.00 | 6,840.00 | 6,857.57 | 6,706.11 | 294.49 | 3.72 | -89.48 | -2,046.35 | -12,818.56 | 1,559.17 | 1,357.83 | 201.34 | 7.744 | | |
| 16,900.00 | 6,840.00 | 6,858.96 | 6,707.51 | 297.19 | 3.72 | -89.56 | -2,046.34 | -12,818.58 | 1,489.89 | 1,276.63 | 213.26 | 6.986 | | |
| 17,000.00 | 6,840.00 | 6,860.37 | 6,708.91 | 299.88 | 3.72 | -89.63 | -2,046.33 | -12,818.61 | 1,424.27 | 1,198.47 | 225.80 | 6.308 | | |
| 17,100.00 | 6,840.00 | 6,861.77 | 6,710.32 | 302.58 | 3.72 | -89.70 | -2,046.32 | -12,818.63 | 1,362.82 | 1,123.96 | 238.86 | 5.706 | | |
| 17,200.00 | 6,840.00 | 6,863.18 | 6,711.73 | 305.28 | 3.72 | -89.78 | -2,046.31 | -12,818.65 | 1,306.15 | 1,053.87 | 252.28 | 5.177 | | |
| 17,300.00 | 6,840.00 | 6,864.59 | 6,713.14 | 307.97 | 3.72 | -89.85 | -2,046.31 | -12,818.67 | 1,254.90 | 989.09 | 265.81 | 4.721 | | |
| 17,400.00 | 6,840.00 | 6,866.00 | 6,714.55 | 310.67 | 3.72 | -89.92 | -2,046.30 | -12,818.69 | 1,209.76 | 930.62 | 279.13 | 4.334 | | |
| 17,500.00 | 6,840.00 | 6,867.42 | 6,715.97 | 313.37 | 3.72 | -90.00 | -2,046.29 | -12,818.71 | 1,171.43 | 879.59 | 291.84 | 4.014 | | |
| 17,600.00 | 6,840.00 | 6,868.84 | 6,717.39 | 316.07 | 3.72 | -90.07 | -2,046.28 | -12,818.73 | 1,140.60 | 837.14 | 303.46 | 3.759 | | |
| 17,700.00 | 6,840.00 | 6,870.26 | 6,718.81 | 318.77 | 3.72 | -90.15 | -2,046.28 | -12,818.75 | 1,117.90 | 804.41 | 313.49 | 3.566 | | |
| 17,800.00 | 6,840.00 | 6,871.69 | 6,720.23 | 321.47 | 3.72 | -90.22 | -2,046.27 | -12,818.77 | 1,103.82 | 782.34 | 321.48 | 3.434 | | |
| 17,900.00 | 6,840.00 | 6,873.11 | 6,721.66 | 324.17 | 3.72 | -90.30 | -2,046.26 | -12,818.79 | 1,098.70 | 771.65 | 327.05 | 3.359 | | |
| 17,906.43 | 6,840.00 | 6,873.21 | 6,721.75 | 324.34 | 3.72 | -90.30 | -2,046.26 | -12,818.79 | 1,098.68 | 771.36 | 327.32 | 3.357 CC, ES | | |
| 18,000.00 | 6,840.00 | 6,874.54 | 6,723.09 | 326.87 | 3.72 | -90.37 | -2,046.25 | -12,818.81 | 1,102.65 | 772.65 | 330.00 | 3.341 SF | | |
| 18,100.00 | 6,840.00 | 6,875.98 | 6,724.52 | 329.57 | 3.72 | -90.44 | -2,046.24 | -12,818.83 | 1,115.60 | 785.28 | 330.32 | 3.377 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | SEC 27-T4N-R65W - EXIST HZ LIBSACK 4-8-27 - OWB - GYRO | | Offset Site Error: | | 0.00 usft |
|----------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|--------------------------------------------------------|-------------------|--------------------|---------|-----------|
| Survey Program: 680-GYD_CT | | | | | | | | | | | | | Offset Well Error: | | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | | |
| 18,200.00 | 6,840.00 | 6,877.42 | 6,725.96 | 332.27 | 3.72 | -90.52 | -2,046.24 | -12,818.86 | 1,137.21 | 809.05 | 328.17 | 3.465 | | | |
| 18,300.00 | 6,840.00 | 6,878.85 | 6,727.40 | 334.97 | 3.72 | -90.59 | -2,046.23 | -12,818.88 | 1,167.03 | 843.17 | 323.86 | 3.603 | | | |
| 18,400.00 | 6,840.00 | 6,880.30 | 6,728.84 | 337.67 | 3.72 | -90.67 | -2,046.22 | -12,818.90 | 1,204.43 | 886.62 | 317.81 | 3.790 | | | |
| 18,500.00 | 6,840.00 | 6,881.74 | 6,730.29 | 340.38 | 3.72 | -90.75 | -2,046.22 | -12,818.92 | 1,248.74 | 938.28 | 310.45 | 4.022 | | | |
| 18,600.00 | 6,840.00 | 6,883.19 | 6,731.74 | 343.08 | 3.72 | -90.82 | -2,046.21 | -12,818.94 | 1,299.24 | 997.05 | 302.19 | 4.299 | | | |
| 18,700.00 | 6,840.00 | 6,884.64 | 6,733.19 | 345.78 | 3.72 | -90.90 | -2,046.20 | -12,818.96 | 1,355.25 | 1,061.86 | 293.39 | 4.619 | | | |
| 18,800.00 | 6,840.00 | 6,886.10 | 6,734.64 | 348.48 | 3.73 | -90.97 | -2,046.19 | -12,818.98 | 1,416.12 | 1,131.77 | 284.35 | 4.980 | | | |
| 18,900.00 | 6,840.00 | 6,887.56 | 6,736.10 | 351.19 | 3.73 | -91.05 | -2,046.19 | -12,819.01 | 1,481.24 | 1,205.94 | 275.29 | 5.381 | | | |
| 19,000.00 | 6,840.00 | 6,889.02 | 6,737.56 | 353.89 | 3.73 | -91.12 | -2,046.18 | -12,819.03 | 1,550.08 | 1,283.69 | 266.39 | 5.819 | | | |
| 19,100.00 | 6,840.00 | 6,890.48 | 6,739.02 | 356.59 | 3.73 | -91.20 | -2,046.17 | -12,819.05 | 1,622.16 | 1,364.41 | 257.74 | 6.294 | | | |
| 19,200.00 | 6,840.00 | 6,891.95 | 6,740.49 | 359.30 | 3.73 | -91.28 | -2,046.17 | -12,819.07 | 1,697.07 | 1,447.63 | 249.45 | 6.803 | | | |
| 19,300.00 | 6,840.00 | 6,893.42 | 6,741.96 | 362.00 | 3.73 | -91.35 | -2,046.16 | -12,819.09 | 1,774.46 | 1,532.93 | 241.53 | 7.347 | | | |
| 19,400.00 | 6,840.00 | 6,894.89 | 6,743.43 | 364.71 | 3.73 | -91.43 | -2,046.15 | -12,819.12 | 1,854.01 | 1,619.99 | 234.03 | 7.922 | | | |
| 19,500.00 | 6,840.00 | 6,896.36 | 6,744.91 | 367.41 | 3.73 | -91.51 | -2,046.14 | -12,819.14 | 1,935.46 | 1,708.53 | 226.94 | 8.529 | | | |
| 19,600.00 | 6,840.00 | 6,897.84 | 6,746.39 | 370.11 | 3.73 | -91.58 | -2,046.14 | -12,819.16 | 2,018.58 | 1,798.33 | 220.25 | 9.165 | | | |
| 19,700.00 | 6,840.00 | 6,899.33 | 6,747.87 | 372.82 | 3.73 | -91.66 | -2,046.13 | -12,819.18 | 2,103.16 | 1,889.20 | 213.96 | 9.830 | | | |
| 19,800.00 | 6,840.00 | 6,900.81 | 6,749.35 | 375.53 | 3.73 | -91.74 | -2,046.12 | -12,819.20 | 2,189.05 | 1,981.00 | 208.05 | 10.522 | | | |
| 19,900.00 | 6,840.00 | 6,902.30 | 6,750.84 | 378.23 | 3.73 | -91.82 | -2,046.12 | -12,819.23 | 2,276.09 | 2,073.59 | 202.49 | 11.240 | | | |
| 20,000.00 | 6,840.00 | 6,903.79 | 6,752.33 | 380.94 | 3.73 | -91.89 | -2,046.11 | -12,819.25 | 2,364.15 | 2,166.87 | 197.27 | 11.984 | | | |
| 20,100.00 | 6,840.00 | 6,905.28 | 6,753.83 | 383.64 | 3.73 | -91.97 | -2,046.10 | -12,819.27 | 2,453.12 | 2,260.75 | 192.37 | 12.752 | | | |
| 20,200.00 | 6,840.00 | 6,906.78 | 6,755.32 | 386.35 | 3.73 | -92.05 | -2,046.10 | -12,819.29 | 2,542.92 | 2,355.16 | 187.76 | 13.543 | | | |
| 20,300.00 | 6,840.00 | 6,908.28 | 6,756.82 | 389.05 | 3.73 | -92.13 | -2,046.09 | -12,819.32 | 2,633.45 | 2,450.02 | 183.42 | 14.357 | | | |
| 20,400.00 | 6,840.00 | 6,909.79 | 6,758.33 | 391.76 | 3.73 | -92.21 | -2,046.08 | -12,819.34 | 2,724.64 | 2,545.30 | 179.34 | 15.192 | | | |
| 20,442.82 | 6,840.00 | 6,910.43 | 6,758.97 | 392.92 | 3.73 | -92.24 | -2,046.08 | -12,819.35 | 2,763.87 | 2,586.20 | 177.67 | 15.556 | | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 712-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 2,400.00 | 2,316.94 | 2,942.29 | 2,936.81 | 12.28 | 9.53 | 32.19 | 421.11 | -10,377.83 | 9,972.70 | 9,953.82 | 18.87 | 528.357 | | |
| 2,500.00 | 2,409.90 | 2,978.00 | 2,972.42 | 13.02 | 9.66 | 32.24 | 421.95 | -10,375.30 | 9,934.17 | 9,914.66 | 19.52 | 508.972 | | |
| 2,600.00 | 2,502.87 | 3,104.93 | 3,098.95 | 13.77 | 10.14 | 32.42 | 425.45 | -10,365.92 | 9,895.51 | 9,875.03 | 20.48 | 483.210 | | |
| 2,700.00 | 2,595.84 | 3,139.97 | 3,133.89 | 14.51 | 10.28 | 32.47 | 426.46 | -10,363.41 | 9,857.16 | 9,836.03 | 21.13 | 466.518 | | |
| 2,800.00 | 2,688.81 | 3,167.00 | 3,160.84 | 15.26 | 10.38 | 32.51 | 427.21 | -10,361.62 | 9,819.38 | 9,797.62 | 21.76 | 451.324 | | |
| 2,900.00 | 2,781.77 | 3,230.30 | 3,224.00 | 16.01 | 10.61 | 32.60 | 429.11 | -10,357.69 | 9,782.01 | 9,759.50 | 22.51 | 434.526 | | |
| 3,000.00 | 2,874.74 | 3,000.00 | 3,525.99 | 16.76 | 9.72 | 33.05 | 437.77 | -10,336.74 | 9,744.28 | 9,722.15 | 22.13 | 440.287 | | |
| 3,100.00 | 2,967.71 | 3,586.32 | 3,578.94 | 17.52 | 11.96 | 33.13 | 439.48 | -10,332.41 | 9,705.33 | 9,680.52 | 24.81 | 391.256 | | |
| 3,200.00 | 3,060.68 | 3,731.34 | 3,723.39 | 18.27 | 12.52 | 33.36 | 445.12 | -10,320.75 | 9,666.54 | 9,640.69 | 25.85 | 374.003 | | |
| 3,300.00 | 3,153.65 | 3,892.56 | 3,883.83 | 19.03 | 13.14 | 33.63 | 451.72 | -10,306.50 | 9,627.04 | 9,600.10 | 26.94 | 357.308 | | |
| 3,400.00 | 3,246.61 | 3,954.00 | 3,944.98 | 19.78 | 13.38 | 33.73 | 454.05 | -10,300.98 | 9,587.46 | 9,559.75 | 27.71 | 345.997 | | |
| 3,500.00 | 3,339.58 | 3,999.75 | 3,990.53 | 20.54 | 13.56 | 33.80 | 455.70 | -10,297.04 | 9,548.26 | 9,519.83 | 28.43 | 335.888 | | |
| 3,600.00 | 3,432.55 | 4,048.00 | 4,038.60 | 21.30 | 13.75 | 33.88 | 457.30 | -10,293.10 | 9,509.49 | 9,480.34 | 29.16 | 326.163 | | |
| 3,700.00 | 3,525.52 | 4,084.61 | 4,075.08 | 22.06 | 13.88 | 33.93 | 458.42 | -10,290.30 | 9,471.22 | 9,441.37 | 29.85 | 317.310 | | |
| 3,800.00 | 3,618.49 | 4,143.00 | 4,133.31 | 22.82 | 14.11 | 34.03 | 460.08 | -10,286.28 | 9,433.57 | 9,402.96 | 30.62 | 308.129 | | |
| 3,900.00 | 3,711.45 | 4,143.00 | 4,133.31 | 23.57 | 14.11 | 34.03 | 460.08 | -10,286.28 | 9,396.39 | 9,365.19 | 31.19 | 301.218 | | |
| 4,000.00 | 3,804.42 | 4,184.12 | 4,174.35 | 24.33 | 14.26 | 34.09 | 461.06 | -10,283.84 | 9,359.85 | 9,327.94 | 31.91 | 293.323 | | |
| 4,100.00 | 3,897.39 | 4,237.00 | 4,227.15 | 25.09 | 14.45 | 34.17 | 461.94 | -10,281.29 | 9,324.06 | 9,291.40 | 32.67 | 285.443 | | |
| 4,200.00 | 3,990.36 | 4,237.00 | 4,227.15 | 25.86 | 14.45 | 34.17 | 461.94 | -10,281.29 | 9,288.75 | 9,255.50 | 33.25 | 279.344 | | |
| 4,300.00 | 4,083.32 | 4,269.56 | 4,259.69 | 26.62 | 14.57 | 34.22 | 462.32 | -10,280.07 | 9,254.19 | 9,220.25 | 33.95 | 272.620 | | |
| 4,400.00 | 4,176.29 | 4,296.52 | 4,286.64 | 27.38 | 14.67 | 34.26 | 462.61 | -10,279.27 | 9,220.33 | 9,185.71 | 34.62 | 266.306 | | |
| 4,500.00 | 4,269.26 | 4,331.00 | 4,321.11 | 28.14 | 14.79 | 34.31 | 462.95 | -10,278.53 | 9,187.17 | 9,151.84 | 35.33 | 260.060 | | |
| 4,600.00 | 4,362.23 | 4,362.55 | 4,352.65 | 28.90 | 14.90 | 34.35 | 463.23 | -10,278.06 | 9,154.64 | 9,118.62 | 36.02 | 254.136 | | |
| 4,700.00 | 4,455.20 | 4,426.00 | 4,416.10 | 29.66 | 15.12 | 34.44 | 463.73 | -10,277.50 | 9,122.72 | 9,085.90 | 36.82 | 247.749 | | |
| 4,800.00 | 4,548.16 | 4,469.73 | 4,459.82 | 30.43 | 15.27 | 34.50 | 464.07 | -10,277.30 | 9,091.19 | 9,053.63 | 37.56 | 242.044 | | |
| 4,900.00 | 4,641.13 | 4,553.16 | 4,543.25 | 31.19 | 15.56 | 34.63 | 464.88 | -10,276.98 | 9,059.91 | 9,021.49 | 38.43 | 235.776 | | |
| 5,000.00 | 4,734.10 | 4,667.89 | 4,657.97 | 31.95 | 15.95 | 34.80 | 466.38 | -10,276.50 | 9,028.71 | 8,989.32 | 39.39 | 229.191 | | |
| 5,100.00 | 4,827.07 | 4,772.00 | 4,762.07 | 32.71 | 16.32 | 34.95 | 467.69 | -10,275.54 | 8,997.04 | 8,956.71 | 40.33 | 223.070 | | |
| 5,200.00 | 4,920.04 | 4,829.19 | 4,819.25 | 33.48 | 16.50 | 35.04 | 467.93 | -10,275.14 | 8,965.64 | 8,924.53 | 41.11 | 218.063 | | |
| 5,300.00 | 5,013.00 | 4,874.66 | 4,864.73 | 34.24 | 16.65 | 35.10 | 467.87 | -10,275.22 | 8,934.90 | 8,893.03 | 41.86 | 213.433 | | |
| 5,400.00 | 5,105.97 | 5,008.19 | 4,998.25 | 35.00 | 17.09 | 35.29 | 467.60 | -10,275.32 | 8,904.12 | 8,861.25 | 42.87 | 207.703 | | |
| 5,500.00 | 5,198.94 | 5,140.15 | 5,130.21 | 35.77 | 17.53 | 35.48 | 467.33 | -10,274.99 | 8,873.13 | 8,829.24 | 43.89 | 202.180 | | |
| 5,600.00 | 5,291.91 | 5,255.70 | 5,245.76 | 36.53 | 17.92 | 35.65 | 466.81 | -10,274.25 | 8,841.77 | 8,796.91 | 44.86 | 197.101 | | |
| 5,700.00 | 5,384.87 | 5,356.03 | 5,346.08 | 37.29 | 18.26 | 35.79 | 466.18 | -10,273.48 | 8,810.33 | 8,764.54 | 45.79 | 192.422 | | |
| 5,800.00 | 5,477.84 | 5,462.25 | 5,452.30 | 38.06 | 18.62 | 35.94 | 465.40 | -10,272.52 | 8,778.78 | 8,732.04 | 46.73 | 187.849 | | |
| 5,900.00 | 5,570.81 | 5,559.09 | 5,549.13 | 38.82 | 18.96 | 36.08 | 464.70 | -10,271.59 | 8,747.24 | 8,699.58 | 47.66 | 183.550 | | |
| 6,000.00 | 5,663.78 | 5,697.08 | 5,687.11 | 39.59 | 19.44 | 36.29 | 464.91 | -10,269.72 | 8,715.51 | 8,666.79 | 48.71 | 178.919 | | |
| 6,100.00 | 5,756.75 | 5,747.89 | 5,737.91 | 40.35 | 19.62 | 36.37 | 464.95 | -10,268.93 | 8,683.68 | 8,634.18 | 49.50 | 175.413 | | |
| 6,200.00 | 5,849.71 | 5,784.26 | 5,774.27 | 41.12 | 19.74 | 36.43 | 464.93 | -10,268.64 | 8,652.50 | 8,602.25 | 50.25 | 172.176 | | |
| 6,300.00 | 5,942.68 | 5,924.48 | 5,914.49 | 41.88 | 20.21 | 36.64 | 464.68 | -10,267.99 | 8,621.81 | 8,570.50 | 51.31 | 168.036 | | |
| 6,400.00 | 6,035.65 | 5,987.94 | 5,977.95 | 42.64 | 20.44 | 36.74 | 464.53 | -10,267.54 | 8,590.77 | 8,538.62 | 52.15 | 164.734 | | |
| 6,500.00 | 6,128.62 | 6,068.95 | 6,058.96 | 43.41 | 20.72 | 36.86 | 464.36 | -10,267.05 | 8,559.91 | 8,506.86 | 53.04 | 161.377 | | |
| 6,600.00 | 6,221.59 | 6,167.70 | 6,157.71 | 44.17 | 21.06 | 37.02 | 464.32 | -10,266.48 | 8,529.16 | 8,475.16 | 53.99 | 157.966 | | |
| 6,700.00 | 6,314.55 | 6,264.30 | 6,254.31 | 44.94 | 21.40 | 37.17 | 464.39 | -10,265.82 | 8,498.37 | 8,443.43 | 54.94 | 154.681 | | |
| 6,800.00 | 6,407.52 | 6,352.04 | 6,342.05 | 45.70 | 21.71 | 37.31 | 464.48 | -10,265.22 | 8,467.64 | 8,411.78 | 55.86 | 151.574 | | |
| 6,900.00 | 6,499.98 | 6,466.30 | 6,456.31 | 46.49 | 22.12 | 33.65 | 464.82 | -10,264.34 | 8,435.56 | 8,378.69 | 56.88 | 148.312 | | |
| 7,000.00 | 6,586.50 | 6,545.15 | 6,535.14 | 47.49 | 22.40 | 28.63 | 465.09 | -10,263.61 | 8,390.38 | 8,332.55 | 57.83 | 145.089 | | |
| 7,100.00 | 6,663.58 | 6,641.21 | 6,631.21 | 48.75 | 22.74 | 27.10 | 465.39 | -10,262.71 | 8,330.73 | 8,271.88 | 58.85 | 141.559 | | |
| 7,200.00 | 6,728.87 | 6,660.00 | 6,649.99 | 50.23 | 22.80 | 27.75 | 465.45 | -10,262.50 | 8,258.46 | 8,198.83 | 59.63 | 138.506 | | |
| 7,300.00 | 6,780.38 | 6,703.33 | 6,693.32 | 51.91 | 22.95 | 31.27 | 465.52 | -10,262.16 | 8,175.82 | 8,115.40 | 60.42 | 135.326 | | |
| 7,400.00 | 6,816.56 | 6,718.73 | 6,708.72 | 53.74 | 23.00 | 39.64 | 465.51 | -10,262.12 | 8,085.37 | 8,024.32 | 61.05 | 132.438 | | |
| 7,500.00 | 6,836.29 | 6,727.24 | 6,717.23 | 55.65 | 23.03 | 60.77 | 465.49 | -10,262.12 | 7,989.67 | 7,928.11 | 61.56 | 129.778 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST HZ LIBSACK 8-4-27 - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 712-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 7,600.00 | 6,840.00 | 6,728.88 | 6,718.87 | 57.58 | 23.03 | 89.87 | 465.49 | -10,262.12 | 7,891.55 | 7,829.60 | 61.95 | 127.380 | | |
| 7,700.00 | 6,840.00 | 6,728.92 | 6,718.91 | 59.56 | 23.03 | 89.88 | 465.49 | -10,262.12 | 7,793.22 | 7,730.90 | 62.32 | 125.050 | | |
| 7,800.00 | 6,840.00 | 6,728.96 | 6,718.95 | 61.60 | 23.03 | 89.88 | 465.49 | -10,262.12 | 7,694.92 | 7,632.22 | 62.70 | 122.719 | | |
| 7,900.00 | 6,840.00 | 6,728.99 | 6,718.98 | 63.69 | 23.04 | 89.88 | 465.49 | -10,262.12 | 7,596.68 | 7,533.58 | 63.10 | 120.386 | | |
| 8,000.00 | 6,840.00 | 6,729.03 | 6,719.02 | 65.82 | 23.04 | 89.88 | 465.49 | -10,262.12 | 7,498.48 | 7,434.96 | 63.52 | 118.054 | | |
| 8,100.00 | 6,840.00 | 6,729.07 | 6,719.06 | 67.99 | 23.04 | 89.88 | 465.49 | -10,262.12 | 7,400.32 | 7,336.38 | 63.95 | 115.723 | | |
| 8,200.00 | 6,840.00 | 6,729.11 | 6,719.10 | 70.21 | 23.04 | 89.88 | 465.49 | -10,262.12 | 7,302.22 | 7,237.82 | 64.40 | 113.393 | | |
| 8,300.00 | 6,840.00 | 6,729.15 | 6,719.14 | 72.45 | 23.04 | 89.89 | 465.49 | -10,262.12 | 7,204.17 | 7,139.31 | 64.86 | 111.065 | | |
| 8,400.00 | 6,840.00 | 6,729.19 | 6,719.18 | 74.73 | 23.04 | 89.89 | 465.49 | -10,262.12 | 7,106.18 | 7,040.83 | 65.35 | 108.740 | | |
| 8,500.00 | 6,840.00 | 6,729.23 | 6,719.22 | 77.04 | 23.04 | 89.89 | 465.49 | -10,262.12 | 7,008.24 | 6,942.38 | 65.86 | 106.418 | | |
| 8,600.00 | 6,840.00 | 6,729.27 | 6,719.27 | 79.38 | 23.04 | 89.89 | 465.49 | -10,262.12 | 6,910.36 | 6,843.97 | 66.38 | 104.100 | | |
| 8,700.00 | 6,840.00 | 6,729.32 | 6,719.31 | 81.74 | 23.04 | 89.89 | 465.49 | -10,262.12 | 6,812.54 | 6,745.61 | 66.93 | 101.786 | | |
| 8,800.00 | 6,840.00 | 6,729.36 | 6,719.35 | 84.12 | 23.04 | 89.89 | 465.49 | -10,262.12 | 6,714.78 | 6,647.28 | 67.50 | 99.479 | | |
| 8,900.00 | 6,840.00 | 6,729.41 | 6,719.40 | 86.52 | 23.04 | 89.90 | 465.49 | -10,262.12 | 6,617.10 | 6,549.00 | 68.09 | 97.178 | | |
| 9,000.00 | 6,840.00 | 6,729.45 | 6,719.44 | 88.94 | 23.04 | 89.90 | 465.49 | -10,262.12 | 6,519.48 | 6,450.77 | 68.71 | 94.884 | | |
| 9,100.00 | 6,840.00 | 6,729.50 | 6,719.49 | 91.38 | 23.04 | 89.90 | 465.49 | -10,262.12 | 6,421.93 | 6,352.58 | 69.35 | 92.598 | | |
| 9,200.00 | 6,840.00 | 6,729.54 | 6,719.53 | 93.83 | 23.04 | 89.90 | 465.49 | -10,262.12 | 6,324.47 | 6,254.45 | 70.02 | 90.321 | | |
| 9,300.00 | 6,840.00 | 6,729.59 | 6,719.58 | 96.30 | 23.04 | 89.90 | 465.49 | -10,262.12 | 6,227.08 | 6,156.36 | 70.72 | 88.053 | | |
| 9,400.00 | 6,840.00 | 6,729.64 | 6,719.63 | 98.79 | 23.04 | 89.90 | 465.49 | -10,262.12 | 6,129.78 | 6,058.33 | 71.45 | 85.797 | | |
| 9,500.00 | 6,840.00 | 6,729.69 | 6,719.68 | 101.28 | 23.04 | 89.91 | 465.49 | -10,262.12 | 6,032.56 | 5,960.36 | 72.20 | 83.552 | | |
| 9,600.00 | 6,840.00 | 6,729.74 | 6,719.73 | 103.79 | 23.04 | 89.91 | 465.49 | -10,262.12 | 5,935.44 | 5,862.45 | 72.99 | 81.319 | | |
| 9,700.00 | 6,840.00 | 6,729.79 | 6,719.78 | 106.30 | 23.04 | 89.91 | 465.49 | -10,262.12 | 5,838.42 | 5,764.61 | 73.81 | 79.099 | | |
| 9,800.00 | 6,840.00 | 6,729.84 | 6,719.84 | 108.83 | 23.04 | 89.91 | 465.49 | -10,262.12 | 5,741.49 | 5,666.83 | 74.67 | 76.894 | | |
| 9,900.00 | 6,840.00 | 6,729.90 | 6,719.89 | 111.37 | 23.04 | 89.92 | 465.49 | -10,262.12 | 5,644.68 | 5,569.12 | 75.56 | 74.704 | | |
| 10,000.00 | 6,840.00 | 6,729.95 | 6,719.94 | 113.91 | 23.04 | 89.92 | 465.49 | -10,262.12 | 5,547.98 | 5,471.49 | 76.49 | 72.531 | | |
| 10,100.00 | 6,840.00 | 6,730.01 | 6,720.00 | 116.47 | 23.04 | 89.92 | 465.49 | -10,262.12 | 5,451.39 | 5,373.93 | 77.46 | 70.375 | | |
| 10,200.00 | 6,840.00 | 6,730.06 | 6,720.06 | 119.03 | 23.04 | 89.92 | 465.49 | -10,262.12 | 5,354.94 | 5,276.46 | 78.48 | 68.236 | | |
| 10,300.00 | 6,840.00 | 6,730.12 | 6,720.11 | 121.59 | 23.04 | 89.92 | 465.49 | -10,262.12 | 5,258.61 | 5,179.08 | 79.53 | 66.117 | | |
| 10,400.00 | 6,840.00 | 6,730.18 | 6,720.17 | 124.17 | 23.04 | 89.93 | 465.49 | -10,262.12 | 5,162.42 | 5,081.78 | 80.64 | 64.019 | | |
| 10,500.00 | 6,840.00 | 6,730.24 | 6,720.23 | 126.75 | 23.04 | 89.93 | 465.49 | -10,262.12 | 5,066.39 | 4,984.59 | 81.79 | 61.941 | | |
| 10,600.00 | 6,840.00 | 6,730.30 | 6,720.29 | 129.34 | 23.04 | 89.93 | 465.49 | -10,262.12 | 4,970.50 | 4,887.50 | 83.00 | 59.886 | | |
| 10,700.00 | 6,840.00 | 6,730.37 | 6,720.36 | 131.93 | 23.04 | 89.93 | 465.49 | -10,262.12 | 4,874.79 | 4,790.53 | 84.26 | 57.854 | | |
| 10,800.00 | 6,840.00 | 6,730.43 | 6,720.42 | 134.53 | 23.04 | 89.94 | 465.49 | -10,262.12 | 4,779.25 | 4,693.67 | 85.58 | 55.846 | | |
| 10,900.00 | 6,840.00 | 6,730.50 | 6,720.49 | 137.13 | 23.04 | 89.94 | 465.49 | -10,262.12 | 4,683.89 | 4,596.93 | 86.96 | 53.864 | | |
| 11,000.00 | 6,840.00 | 6,730.56 | 6,720.55 | 139.73 | 23.04 | 89.94 | 465.49 | -10,262.12 | 4,588.73 | 4,500.33 | 88.40 | 51.907 | | |
| 11,100.00 | 6,840.00 | 6,730.63 | 6,720.62 | 142.35 | 23.04 | 89.94 | 465.49 | -10,262.12 | 4,493.79 | 4,403.87 | 89.91 | 49.979 | | |
| 11,200.00 | 6,840.00 | 6,730.70 | 6,720.69 | 144.96 | 23.04 | 89.95 | 465.49 | -10,262.12 | 4,399.07 | 4,307.57 | 91.50 | 48.078 | | |
| 11,300.00 | 6,840.00 | 6,730.77 | 6,720.76 | 147.58 | 23.04 | 89.95 | 465.49 | -10,262.13 | 4,304.58 | 4,211.42 | 93.16 | 46.208 | | |
| 11,400.00 | 6,840.00 | 6,730.85 | 6,720.84 | 150.20 | 23.04 | 89.95 | 465.49 | -10,262.13 | 4,210.35 | 4,115.45 | 94.90 | 44.367 | | |
| 11,500.00 | 6,840.00 | 6,730.92 | 6,720.91 | 152.83 | 23.04 | 89.96 | 465.49 | -10,262.13 | 4,116.39 | 4,019.67 | 96.72 | 42.558 | | |
| 11,600.00 | 6,840.00 | 6,731.00 | 6,720.99 | 155.46 | 23.04 | 89.96 | 465.49 | -10,262.13 | 4,022.73 | 3,924.09 | 98.64 | 40.782 | | |
| 11,700.00 | 6,840.00 | 6,731.07 | 6,721.07 | 158.09 | 23.04 | 89.96 | 465.49 | -10,262.13 | 3,929.38 | 3,828.72 | 100.65 | 39.038 | | |
| 11,800.00 | 6,840.00 | 6,731.16 | 6,721.15 | 160.73 | 23.04 | 89.97 | 465.49 | -10,262.13 | 3,836.36 | 3,733.59 | 102.77 | 37.330 | | |
| 11,900.00 | 6,840.00 | 6,731.24 | 6,721.23 | 163.36 | 23.04 | 89.97 | 465.49 | -10,262.13 | 3,743.70 | 3,638.70 | 104.99 | 35.656 | | |
| 12,000.00 | 6,840.00 | 6,731.32 | 6,721.31 | 166.01 | 23.04 | 89.97 | 465.48 | -10,262.13 | 3,651.43 | 3,544.09 | 107.33 | 34.019 | | |
| 12,100.00 | 6,840.00 | 6,731.41 | 6,721.40 | 168.65 | 23.04 | 89.98 | 465.48 | -10,262.13 | 3,559.57 | 3,449.78 | 109.80 | 32.419 | | |
| 12,200.00 | 6,840.00 | 6,731.50 | 6,721.49 | 171.30 | 23.04 | 89.98 | 465.48 | -10,262.13 | 3,468.17 | 3,355.78 | 112.39 | 30.858 | | |
| 12,300.00 | 6,840.00 | 6,731.59 | 6,721.58 | 173.94 | 23.04 | 89.98 | 465.48 | -10,262.13 | 3,377.26 | 3,262.13 | 115.13 | 29.335 | | |
| 12,400.00 | 6,840.00 | 6,731.68 | 6,721.67 | 176.59 | 23.04 | 89.99 | 465.48 | -10,262.13 | 3,286.87 | 3,168.86 | 118.01 | 27.852 | | |
| 12,500.00 | 6,840.00 | 6,731.78 | 6,721.77 | 179.25 | 23.04 | 89.99 | 465.48 | -10,262.13 | 3,197.05 | 3,076.00 | 121.05 | 26.411 | | |
| 12,600.00 | 6,840.00 | 6,731.87 | 6,721.86 | 181.90 | 23.04 | 89.99 | 465.48 | -10,262.13 | 3,107.86 | 2,983.60 | 124.26 | 25.010 | | |
| 12,700.00 | 6,840.00 | 6,731.97 | 6,721.96 | 184.56 | 23.05 | 90.00 | 465.48 | -10,262.13 | 3,019.34 | 2,891.69 | 127.65 | 23.653 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST HZ LIBSACK 8-4-27 - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 712-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 12,800.00 | 6,840.00 | 6,732.08 | 6,722.07 | 187.22 | 23.05 | 90.00 | 465.48 | -10,262.13 | 2,931.57 | 2,800.33 | 131.24 | 22.338 | | |
| 12,900.00 | 6,840.00 | 6,732.18 | 6,722.17 | 189.88 | 23.05 | 90.01 | 465.48 | -10,262.13 | 2,844.60 | 2,709.57 | 135.02 | 21.068 | | |
| 13,000.00 | 6,840.00 | 6,732.29 | 6,722.28 | 192.54 | 23.05 | 90.01 | 465.48 | -10,262.13 | 2,758.51 | 2,619.48 | 139.02 | 19.842 | | |
| 13,100.00 | 6,840.00 | 6,732.40 | 6,722.39 | 195.20 | 23.05 | 90.02 | 465.48 | -10,262.13 | 2,673.39 | 2,530.13 | 143.26 | 18.662 | | |
| 13,200.00 | 6,840.00 | 6,732.52 | 6,722.51 | 197.87 | 23.05 | 90.02 | 465.48 | -10,262.13 | 2,589.33 | 2,441.60 | 147.73 | 17.527 | | |
| 13,300.00 | 6,840.00 | 6,732.64 | 6,722.63 | 200.53 | 23.05 | 90.03 | 465.48 | -10,262.13 | 2,506.45 | 2,353.99 | 152.46 | 16.440 | | |
| 13,400.00 | 6,840.00 | 6,732.76 | 6,722.75 | 203.20 | 23.05 | 90.03 | 465.48 | -10,262.13 | 2,424.86 | 2,267.40 | 157.46 | 15.400 | | |
| 13,500.00 | 6,840.00 | 6,732.89 | 6,722.88 | 205.87 | 23.05 | 90.04 | 465.48 | -10,262.13 | 2,344.69 | 2,181.96 | 162.74 | 14.408 | | |
| 13,600.00 | 6,840.00 | 6,733.01 | 6,723.01 | 208.54 | 23.05 | 90.04 | 465.48 | -10,262.13 | 2,266.10 | 2,097.80 | 168.30 | 13.464 | | |
| 13,700.00 | 6,840.00 | 6,733.15 | 6,723.14 | 211.22 | 23.05 | 90.05 | 465.48 | -10,262.13 | 2,189.26 | 2,015.10 | 174.17 | 12.570 | | |
| 13,800.00 | 6,840.00 | 6,733.29 | 6,723.28 | 213.89 | 23.05 | 90.05 | 465.48 | -10,262.13 | 2,114.36 | 1,934.03 | 180.33 | 11.725 | | |
| 13,900.00 | 6,840.00 | 6,733.43 | 6,723.42 | 216.56 | 23.05 | 90.06 | 465.48 | -10,262.13 | 2,041.61 | 1,854.81 | 186.79 | 10.930 | | |
| 14,000.00 | 6,840.00 | 6,733.57 | 6,723.57 | 219.24 | 23.05 | 90.06 | 465.48 | -10,262.13 | 1,971.24 | 1,777.70 | 193.54 | 10.185 | | |
| 14,100.00 | 6,840.00 | 6,733.73 | 6,723.72 | 221.92 | 23.05 | 90.07 | 465.48 | -10,262.13 | 1,903.53 | 1,702.97 | 200.57 | 9.491 | | |
| 14,200.00 | 6,840.00 | 6,733.88 | 6,723.87 | 224.59 | 23.05 | 90.08 | 465.48 | -10,262.13 | 1,838.77 | 1,630.94 | 207.83 | 8.847 | | |
| 14,300.00 | 6,840.00 | 6,734.04 | 6,724.04 | 227.27 | 23.05 | 90.08 | 465.48 | -10,262.13 | 1,777.28 | 1,561.99 | 215.29 | 8.255 | | |
| 14,400.00 | 6,840.00 | 6,734.21 | 6,724.20 | 229.95 | 23.05 | 90.09 | 465.48 | -10,262.13 | 1,719.41 | 1,496.53 | 222.88 | 7.714 | | |
| 14,500.00 | 6,840.00 | 6,734.39 | 6,724.38 | 232.63 | 23.05 | 90.10 | 465.48 | -10,262.13 | 1,665.54 | 1,435.01 | 230.53 | 7.225 | | |
| 14,600.00 | 6,840.00 | 6,734.56 | 6,724.56 | 235.31 | 23.05 | 90.10 | 465.48 | -10,262.13 | 1,616.06 | 1,377.95 | 238.11 | 6.787 | | |
| 14,700.00 | 6,840.00 | 6,734.75 | 6,724.74 | 238.00 | 23.05 | 90.11 | 465.48 | -10,262.13 | 1,571.40 | 1,325.88 | 245.52 | 6.400 | | |
| 14,800.00 | 6,840.00 | 6,734.94 | 6,724.93 | 240.68 | 23.06 | 90.12 | 465.48 | -10,262.13 | 1,531.97 | 1,279.38 | 252.59 | 6.065 | | |
| 14,900.00 | 6,840.00 | 6,735.14 | 6,725.13 | 243.36 | 23.06 | 90.13 | 465.47 | -10,262.13 | 1,498.19 | 1,239.03 | 259.17 | 5.781 | | |
| 15,000.00 | 6,840.00 | 6,735.35 | 6,725.34 | 246.05 | 23.06 | 90.13 | 465.47 | -10,262.13 | 1,470.45 | 1,205.39 | 265.07 | 5.547 | | |
| 15,100.00 | 6,840.00 | 6,735.57 | 6,725.56 | 248.74 | 23.06 | 90.14 | 465.47 | -10,262.13 | 1,449.09 | 1,178.97 | 270.12 | 5.365 | | |
| 15,200.00 | 6,840.00 | 6,735.79 | 6,725.78 | 251.42 | 23.06 | 90.15 | 465.47 | -10,262.13 | 1,434.40 | 1,160.23 | 274.18 | 5.232 | | |
| 15,300.00 | 6,840.00 | 6,736.03 | 6,726.02 | 254.11 | 23.06 | 90.16 | 465.47 | -10,262.13 | 1,426.59 | 1,149.48 | 277.11 | 5.148 | | |
| 15,361.79 | 6,840.00 | 6,736.18 | 6,726.17 | 255.77 | 23.06 | 90.17 | 465.47 | -10,262.13 | 1,425.25 | 1,146.93 | 278.32 | 5.121 CC | | |
| 15,400.00 | 6,840.00 | 6,736.27 | 6,726.26 | 256.80 | 23.06 | 90.17 | 465.47 | -10,262.13 | 1,425.76 | 1,146.93 | 278.83 | 5.113 ES, SF | | |
| 15,500.00 | 6,840.00 | 6,736.52 | 6,726.51 | 259.49 | 23.06 | 90.18 | 465.47 | -10,262.13 | 1,431.94 | 1,152.62 | 279.32 | 5.127 | | |
| 15,600.00 | 6,840.00 | 6,736.79 | 6,726.78 | 262.17 | 23.06 | 90.19 | 465.47 | -10,262.14 | 1,445.02 | 1,166.43 | 278.59 | 5.187 | | |
| 15,700.00 | 6,840.00 | 6,737.07 | 6,727.06 | 264.86 | 23.06 | 90.20 | 465.47 | -10,262.14 | 1,464.83 | 1,188.10 | 276.73 | 5.293 | | |
| 15,800.00 | 6,840.00 | 6,737.35 | 6,727.35 | 267.55 | 23.06 | 90.21 | 465.47 | -10,262.14 | 1,491.10 | 1,217.24 | 273.85 | 5.445 | | |
| 15,900.00 | 6,840.00 | 6,737.66 | 6,727.65 | 270.25 | 23.06 | 90.23 | 465.47 | -10,262.14 | 1,523.49 | 1,253.39 | 270.10 | 5.641 | | |
| 16,000.00 | 6,840.00 | 6,737.97 | 6,727.97 | 272.94 | 23.07 | 90.24 | 465.47 | -10,262.14 | 1,561.62 | 1,296.00 | 265.62 | 5.879 | | |
| 16,100.00 | 6,840.00 | 6,738.31 | 6,728.30 | 275.63 | 23.07 | 90.25 | 465.47 | -10,262.14 | 1,605.08 | 1,344.50 | 260.58 | 6.160 | | |
| 16,200.00 | 6,840.00 | 6,738.66 | 6,728.65 | 278.32 | 23.07 | 90.27 | 465.46 | -10,262.14 | 1,653.46 | 1,398.32 | 255.14 | 6.481 | | |
| 16,300.00 | 6,840.00 | 6,739.02 | 6,729.02 | 281.02 | 23.07 | 90.28 | 465.46 | -10,262.14 | 1,706.33 | 1,456.90 | 249.43 | 6.841 | | |
| 16,400.00 | 6,840.00 | 6,739.41 | 6,729.40 | 283.71 | 23.07 | 90.30 | 465.46 | -10,262.14 | 1,763.30 | 1,519.73 | 243.57 | 7.239 | | |
| 16,500.00 | 6,840.00 | 6,739.82 | 6,729.81 | 286.40 | 23.07 | 90.31 | 465.46 | -10,262.14 | 1,823.97 | 1,586.31 | 237.65 | 7.675 | | |
| 16,600.00 | 6,840.00 | 6,740.25 | 6,730.24 | 289.10 | 23.07 | 90.33 | 465.46 | -10,262.14 | 1,887.99 | 1,656.22 | 231.77 | 8.146 | | |
| 16,700.00 | 6,840.00 | 6,740.70 | 6,730.69 | 291.79 | 23.07 | 90.35 | 465.46 | -10,262.15 | 1,955.03 | 1,729.06 | 225.97 | 8.652 | | |
| 16,800.00 | 6,840.00 | 6,741.18 | 6,731.18 | 294.49 | 23.08 | 90.37 | 465.46 | -10,262.15 | 2,024.79 | 1,804.49 | 220.30 | 9.191 | | |
| 16,900.00 | 6,840.00 | 6,741.70 | 6,731.69 | 297.19 | 23.08 | 90.39 | 465.45 | -10,262.15 | 2,097.00 | 1,882.20 | 214.81 | 9.762 | | |
| 17,000.00 | 6,840.00 | 6,742.24 | 6,732.23 | 299.88 | 23.08 | 90.41 | 465.45 | -10,262.15 | 2,171.42 | 1,961.92 | 209.50 | 10.365 | | |
| 17,100.00 | 6,840.00 | 6,742.82 | 6,732.81 | 302.58 | 23.08 | 90.43 | 465.45 | -10,262.15 | 2,247.82 | 2,043.42 | 204.40 | 10.997 | | |
| 17,200.00 | 6,840.00 | 6,743.43 | 6,733.42 | 305.28 | 23.08 | 90.46 | 465.45 | -10,262.15 | 2,326.01 | 2,126.49 | 199.52 | 11.658 | | |
| 17,300.00 | 6,840.00 | 6,744.09 | 6,734.08 | 307.97 | 23.09 | 90.49 | 465.45 | -10,262.16 | 2,405.82 | 2,210.97 | 194.85 | 12.347 | | |
| 17,400.00 | 6,840.00 | 6,744.80 | 6,734.79 | 310.67 | 23.09 | 90.51 | 465.44 | -10,262.16 | 2,487.09 | 2,296.70 | 190.39 | 13.063 | | |
| 17,500.00 | 6,840.00 | 6,745.55 | 6,735.55 | 313.37 | 23.09 | 90.54 | 465.44 | -10,262.16 | 2,569.68 | 2,383.53 | 186.15 | 13.804 | | |
| 17,600.00 | 6,840.00 | 6,746.37 | 6,736.36 | 316.07 | 23.09 | 90.58 | 465.44 | -10,262.17 | 2,653.47 | 2,471.36 | 182.11 | 14.571 | | |
| 17,700.00 | 6,840.00 | 6,747.25 | 6,737.24 | 318.77 | 23.10 | 90.61 | 465.43 | -10,262.17 | 2,738.34 | 2,560.08 | 178.27 | 15.361 | | |
| 17,800.00 | 6,840.00 | 6,748.21 | 6,738.20 | 321.47 | 23.10 | 90.65 | 465.43 | -10,262.17 | 2,824.21 | 2,649.60 | 174.61 | 16.174 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 712-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 17,900.00 | 6,840.00 | 6,749.25 | 6,739.24 | 324.17 | 23.10 | 90.69 | 465.43 | -10,262.18 | 2,910.98 | 2,739.84 | 171.14 | 17.009 | | |
| 18,000.00 | 6,840.00 | 6,750.38 | 6,740.37 | 326.87 | 23.11 | 90.74 | 465.42 | -10,262.18 | 2,998.57 | 2,830.73 | 167.84 | 17.866 | | |
| 18,100.00 | 6,840.00 | 6,751.62 | 6,741.61 | 329.57 | 23.11 | 90.79 | 465.42 | -10,262.19 | 3,086.92 | 2,922.21 | 164.70 | 18.742 | | |
| 18,200.00 | 6,840.00 | 6,752.99 | 6,742.98 | 332.27 | 23.12 | 90.84 | 465.41 | -10,262.20 | 3,175.95 | 3,014.23 | 161.72 | 19.638 | | |
| 18,300.00 | 6,840.00 | 6,754.49 | 6,744.49 | 334.97 | 23.12 | 90.90 | 465.40 | -10,262.20 | 3,265.63 | 3,106.74 | 158.89 | 20.553 | | |
| 18,400.00 | 6,840.00 | 6,756.17 | 6,746.16 | 337.67 | 23.13 | 90.97 | 465.40 | -10,262.21 | 3,355.88 | 3,199.69 | 156.19 | 21.486 | | |
| 18,500.00 | 6,840.00 | 6,758.05 | 6,748.04 | 340.38 | 23.13 | 91.05 | 465.39 | -10,262.23 | 3,446.67 | 3,293.05 | 153.63 | 22.435 | | |
| 18,600.00 | 6,840.00 | 6,760.15 | 6,750.14 | 343.08 | 23.14 | 91.13 | 465.38 | -10,262.24 | 3,537.96 | 3,386.78 | 151.19 | 23.402 | | |
| 18,700.00 | 6,840.00 | 6,762.54 | 6,752.53 | 345.78 | 23.15 | 91.23 | 465.37 | -10,262.25 | 3,629.71 | 3,480.85 | 148.86 | 24.383 | | |
| 18,800.00 | 6,840.00 | 6,765.28 | 6,755.27 | 348.48 | 23.16 | 91.34 | 465.35 | -10,262.27 | 3,721.88 | 3,575.24 | 146.65 | 25.380 | | |
| 18,900.00 | 6,840.00 | 6,768.43 | 6,758.42 | 351.19 | 23.17 | 91.46 | 465.33 | -10,262.30 | 3,814.45 | 3,669.91 | 144.54 | 26.390 | | |
| 19,000.00 | 6,840.00 | 6,772.11 | 6,762.10 | 353.89 | 23.18 | 91.61 | 465.31 | -10,262.33 | 3,907.38 | 3,764.85 | 142.54 | 27.413 | | |
| 19,100.00 | 6,840.00 | 19,100.00 | 6,710.86 | 356.59 | 64.94 | 89.55 | 465.42 | -10,262.31 | 4,000.53 | 3,818.04 | 182.49 | 21.921 | | |
| 19,200.00 | 6,840.00 | 19,200.00 | 6,710.54 | 359.30 | 65.28 | 89.54 | 465.42 | -10,262.31 | 4,094.12 | 3,913.14 | 180.98 | 22.622 | | |
| 19,300.00 | 6,840.00 | 19,300.00 | 6,710.23 | 362.00 | 65.62 | 89.53 | 465.42 | -10,262.31 | 4,188.01 | 4,008.46 | 179.55 | 23.325 | | |
| 19,400.00 | 6,840.00 | 19,400.00 | 6,709.91 | 364.71 | 65.96 | 89.51 | 465.42 | -10,262.31 | 4,282.18 | 4,103.98 | 178.20 | 24.030 | | |
| 19,500.00 | 6,840.00 | 19,500.00 | 6,709.60 | 367.41 | 66.30 | 89.50 | 465.42 | -10,262.31 | 4,376.61 | 4,199.68 | 176.92 | 24.738 | | |
| 19,600.00 | 6,840.00 | 19,600.00 | 6,709.28 | 370.11 | 66.65 | 89.49 | 465.42 | -10,262.31 | 4,471.27 | 4,295.56 | 175.71 | 25.447 | | |
| 19,700.00 | 6,840.00 | 19,700.00 | 6,708.97 | 372.82 | 66.99 | 89.48 | 465.42 | -10,262.31 | 4,566.17 | 4,391.60 | 174.56 | 26.157 | | |
| 19,800.00 | 6,840.00 | 19,800.00 | 6,708.65 | 375.53 | 67.33 | 89.46 | 465.42 | -10,262.31 | 4,661.28 | 4,487.80 | 173.48 | 26.869 | | |
| 19,900.00 | 6,840.00 | 19,900.00 | 6,708.34 | 378.23 | 67.67 | 89.45 | 465.42 | -10,262.31 | 4,756.59 | 4,584.13 | 172.45 | 27.582 | | |
| 20,000.00 | 6,840.00 | 6,762.59 | 6,752.58 | 380.94 | 23.15 | 91.23 | 465.37 | -10,262.25 | 4,852.21 | 4,725.75 | 126.45 | 38.371 | | |
| 20,100.00 | 6,840.00 | 6,763.07 | 6,753.06 | 383.64 | 23.15 | 91.25 | 465.37 | -10,262.25 | 4,947.88 | 4,822.68 | 125.20 | 39.520 | | |
| 20,200.00 | 6,840.00 | 6,763.55 | 6,753.55 | 386.35 | 23.15 | 91.27 | 465.36 | -10,262.25 | 5,043.73 | 4,919.73 | 123.99 | 40.678 | | |
| 20,300.00 | 6,840.00 | 6,764.04 | 6,754.03 | 389.05 | 23.15 | 91.29 | 465.36 | -10,262.26 | 5,139.73 | 5,016.89 | 122.83 | 41.843 | | |
| 20,400.00 | 6,840.00 | 6,764.51 | 6,754.50 | 391.76 | 23.15 | 91.31 | 465.36 | -10,262.26 | 5,235.88 | 5,114.16 | 121.72 | 43.016 | | |
| 20,442.82 | 6,840.00 | 6,764.72 | 6,754.71 | 392.92 | 23.15 | 91.31 | 465.36 | -10,262.26 | 5,277.09 | 5,155.83 | 121.26 | 43.520 | | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | SEC 27-T4N-R65W - EXIST HZ LIBSACK 8-6-27 GYRO - OWB - GYRO | | Offset Site Error: | | 0.00 usft |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------------|---------------------|------------------------|-------------------------|---------------------------|-------------------|-------------------------------------------------------------|---------|--------------------|--|-----------|
| Survey Program: | | 1141-GYD_CT | | | | | | | | | | | Offset Well Error: | | 0.00 usft | | |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning | | | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore +N/-S (usft) | Centre +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | | | | |
| 2,900.00 | 2,781.77 | 3,958.06 | 3,909.24 | 16.01 | 2.08 | 28.49 | -354.63 | -10,520.93 | 9,981.81 | 9,968.51 | 13.30 | 750.346 | | | | | |
| 3,000.00 | 2,874.74 | 4,073.00 | 4,021.14 | 16.76 | 2.13 | 28.48 | -376.71 | -10,506.70 | 9,937.25 | 9,923.45 | 13.79 | 720.479 | | | | | |
| 3,100.00 | 2,967.71 | 3,100.00 | 4,114.45 | 17.52 | 1.76 | 28.48 | -394.22 | -10,494.56 | 9,892.37 | 9,878.37 | 14.00 | 706.771 | | | | | |
| 3,200.00 | 3,060.68 | 4,272.11 | 4,215.20 | 18.27 | 2.22 | 28.47 | -413.15 | -10,481.12 | 9,847.20 | 9,832.42 | 14.78 | 666.267 | | | | | |
| 3,300.00 | 3,153.65 | 4,333.88 | 4,275.36 | 19.03 | 2.25 | 28.47 | -424.68 | -10,473.20 | 9,802.18 | 9,786.90 | 15.28 | 641.365 | | | | | |
| 3,400.00 | 3,246.61 | 4,385.00 | 4,325.21 | 19.78 | 2.27 | 28.46 | -434.06 | -10,466.82 | 9,757.48 | 9,741.69 | 15.79 | 617.872 | | | | | |
| 3,500.00 | 3,339.58 | 4,499.85 | 4,437.16 | 20.54 | 2.32 | 28.46 | -455.20 | -10,452.31 | 9,712.59 | 9,696.31 | 16.29 | 596.409 | | | | | |
| 3,600.00 | 3,432.55 | 4,545.23 | 4,481.40 | 21.30 | 2.34 | 28.45 | -463.63 | -10,446.71 | 9,668.03 | 9,651.23 | 16.80 | 575.495 | | | | | |
| 3,700.00 | 3,525.52 | 4,598.00 | 4,532.87 | 22.06 | 2.37 | 28.45 | -473.48 | -10,440.46 | 9,623.88 | 9,606.57 | 17.31 | 555.846 | | | | | |
| 3,800.00 | 3,618.49 | 4,670.76 | 4,603.93 | 22.82 | 2.40 | 28.45 | -486.61 | -10,432.00 | 9,579.95 | 9,562.13 | 17.82 | 537.491 | | | | | |
| 3,900.00 | 3,711.45 | 4,725.58 | 4,657.58 | 23.57 | 2.42 | 28.45 | -495.94 | -10,425.73 | 9,536.24 | 9,517.90 | 18.34 | 519.923 | | | | | |
| 4,000.00 | 3,804.42 | 4,934.96 | 4,862.59 | 24.33 | 2.52 | 28.46 | -531.11 | -10,401.73 | 9,492.92 | 9,474.12 | 18.80 | 504.985 | | | | | |
| 4,100.00 | 3,897.39 | 4,995.63 | 4,921.83 | 25.09 | 2.55 | 28.46 | -541.79 | -10,394.21 | 9,448.34 | 9,429.02 | 19.32 | 489.156 | | | | | |
| 4,200.00 | 3,990.36 | 5,064.88 | 4,989.41 | 25.86 | 2.59 | 28.46 | -554.46 | -10,385.94 | 9,404.12 | 9,384.29 | 19.83 | 474.230 | | | | | |
| 4,300.00 | 4,083.32 | 5,110.49 | 5,033.92 | 26.62 | 2.61 | 28.46 | -562.83 | -10,380.58 | 9,360.12 | 9,339.76 | 20.36 | 459.778 | | | | | |
| 4,400.00 | 4,176.29 | 5,142.00 | 5,064.71 | 27.38 | 2.62 | 28.46 | -568.51 | -10,377.05 | 9,316.62 | 9,295.73 | 20.90 | 445.866 | | | | | |
| 4,500.00 | 4,269.26 | 5,190.14 | 5,111.84 | 28.14 | 2.64 | 28.46 | -576.90 | -10,371.91 | 9,273.60 | 9,252.17 | 21.43 | 432.798 | | | | | |
| 4,600.00 | 4,362.23 | 5,293.07 | 5,212.75 | 28.90 | 2.69 | 28.46 | -594.14 | -10,361.25 | 9,230.86 | 9,208.93 | 21.93 | 420.921 | | | | | |
| 4,700.00 | 4,455.20 | 5,353.50 | 5,272.04 | 29.66 | 2.71 | 28.47 | -603.94 | -10,354.89 | 9,188.01 | 9,165.55 | 22.46 | 409.110 | | | | | |
| 4,800.00 | 4,548.16 | 5,393.00 | 5,310.89 | 30.43 | 2.73 | 28.48 | -609.90 | -10,351.00 | 9,145.69 | 9,122.69 | 23.00 | 397.604 | | | | | |
| 4,900.00 | 4,641.13 | 5,423.72 | 5,341.16 | 31.19 | 2.74 | 28.48 | -614.28 | -10,348.16 | 9,103.92 | 9,080.37 | 23.55 | 386.518 | | | | | |
| 5,000.00 | 4,734.10 | 5,477.44 | 5,394.19 | 31.95 | 2.76 | 28.50 | -621.52 | -10,343.47 | 9,062.66 | 9,038.57 | 24.09 | 376.136 | | | | | |
| 5,100.00 | 4,827.07 | 5,565.80 | 5,481.44 | 32.71 | 2.80 | 28.53 | -633.16 | -10,335.79 | 9,021.48 | 8,996.87 | 24.61 | 366.514 | | | | | |
| 5,200.00 | 4,920.04 | 5,611.53 | 5,526.61 | 33.48 | 2.82 | 28.54 | -639.17 | -10,331.94 | 8,980.58 | 8,955.42 | 25.16 | 356.883 | | | | | |
| 5,300.00 | 5,013.00 | 5,646.00 | 5,560.67 | 34.24 | 2.83 | 28.55 | -643.73 | -10,329.25 | 8,940.22 | 8,914.50 | 25.72 | 347.547 | | | | | |
| 5,400.00 | 5,105.97 | 5,679.94 | 5,594.24 | 35.00 | 2.85 | 28.56 | -648.17 | -10,326.81 | 8,900.45 | 8,874.16 | 26.29 | 338.595 | | | | | |
| 5,500.00 | 5,198.94 | 5,930.12 | 5,841.95 | 35.77 | 2.95 | 28.67 | -677.40 | -10,307.76 | 8,860.47 | 8,833.77 | 26.70 | 331.911 | | | | | |
| 5,600.00 | 5,291.91 | 6,030.81 | 5,941.28 | 36.53 | 3.00 | 28.70 | -691.44 | -10,299.07 | 8,819.34 | 8,792.13 | 27.21 | 324.138 | | | | | |
| 5,700.00 | 5,384.87 | 5,700.00 | 6,091.50 | 37.29 | 2.82 | 28.72 | -716.03 | -10,285.72 | 8,778.25 | 8,750.69 | 27.56 | 318.560 | | | | | |
| 5,800.00 | 5,477.84 | 6,273.00 | 6,179.12 | 38.06 | 3.13 | 28.72 | -731.47 | -10,277.26 | 8,736.31 | 8,708.12 | 28.19 | 309.883 | | | | | |
| 5,900.00 | 5,570.81 | 6,300.92 | 6,206.51 | 38.82 | 3.15 | 28.72 | -736.31 | -10,274.78 | 8,694.85 | 8,666.08 | 28.77 | 302.253 | | | | | |
| 6,000.00 | 5,663.78 | 6,336.00 | 6,240.99 | 39.59 | 3.16 | 28.73 | -742.11 | -10,271.89 | 8,654.01 | 8,624.67 | 29.34 | 294.975 | | | | | |
| 6,100.00 | 5,756.75 | 6,384.70 | 6,288.96 | 40.35 | 3.18 | 28.74 | -749.61 | -10,268.15 | 8,613.70 | 8,583.80 | 29.90 | 288.087 | | | | | |
| 6,200.00 | 5,849.71 | 6,464.06 | 6,367.33 | 41.12 | 3.21 | 28.76 | -760.64 | -10,262.27 | 8,573.69 | 8,543.26 | 30.44 | 281.699 | | | | | |
| 6,300.00 | 5,942.68 | 6,522.00 | 6,424.68 | 41.88 | 3.24 | 28.78 | -767.79 | -10,258.16 | 8,533.97 | 8,502.98 | 31.00 | 275.333 | | | | | |
| 6,400.00 | 6,035.65 | 6,554.96 | 6,457.36 | 42.64 | 3.25 | 28.80 | -771.43 | -10,255.99 | 8,494.71 | 8,463.13 | 31.58 | 268.977 | | | | | |
| 6,500.00 | 6,128.62 | 6,584.00 | 6,486.20 | 43.41 | 3.26 | 28.82 | -774.35 | -10,254.20 | 8,456.03 | 8,423.86 | 32.18 | 262.808 | | | | | |
| 6,600.00 | 6,221.59 | 6,646.00 | 6,547.86 | 44.17 | 3.28 | 28.86 | -779.88 | -10,250.82 | 8,417.92 | 8,385.18 | 32.74 | 257.098 | | | | | |
| 6,700.00 | 6,314.55 | 6,677.98 | 6,579.70 | 44.94 | 3.29 | 28.88 | -782.41 | -10,249.29 | 8,380.37 | 8,347.03 | 33.34 | 251.359 | | | | | |
| 6,800.00 | 6,407.52 | 6,710.00 | 6,611.61 | 45.70 | 3.30 | 28.91 | -784.75 | -10,247.87 | 8,343.37 | 8,309.42 | 33.94 | 245.813 | | | | | |
| 6,900.00 | 6,499.98 | 6,753.94 | 6,655.42 | 46.49 | 3.32 | 24.87 | -787.72 | -10,246.21 | 8,305.60 | 8,271.06 | 34.54 | 240.477 | | | | | |
| 7,000.00 | 6,586.50 | 6,772.00 | 6,673.43 | 47.49 | 3.32 | 18.91 | -788.88 | -10,245.64 | 8,255.62 | 8,220.45 | 35.17 | 234.727 | | | | | |
| 7,100.00 | 6,663.58 | 6,799.97 | 6,701.34 | 48.75 | 3.33 | 15.83 | -790.55 | -10,244.96 | 8,191.92 | 8,156.15 | 35.77 | 229.039 | | | | | |
| 7,200.00 | 6,728.87 | 6,835.00 | 6,736.32 | 50.23 | 3.34 | 14.28 | -792.34 | -10,244.50 | 8,116.36 | 8,080.06 | 36.29 | 223.648 | | | | | |
| 7,300.00 | 6,780.38 | 6,835.00 | 6,736.32 | 51.91 | 3.34 | 13.76 | -792.34 | -10,244.50 | 8,030.74 | 7,993.98 | 36.76 | 218.481 | | | | | |
| 7,400.00 | 6,816.56 | 6,835.00 | 6,736.32 | 53.74 | 3.34 | 14.63 | -792.34 | -10,244.50 | 7,937.70 | 7,900.59 | 37.10 | 213.928 | | | | | |
| 7,500.00 | 6,836.29 | 6,835.00 | 6,736.32 | 55.65 | 3.34 | 20.68 | -792.34 | -10,244.50 | 7,839.85 | 7,802.53 | 37.32 | 210.086 | | | | | |
| 7,600.00 | 6,840.00 | 6,835.00 | 6,736.32 | 57.58 | 3.34 | 99.26 | -792.34 | -10,244.50 | 7,740.01 | 7,702.61 | 37.40 | 206.959 | | | | | |
| 7,700.00 | 6,840.00 | 6,835.00 | 6,736.32 | 59.56 | 3.34 | 99.26 | -792.34 | -10,244.50 | 7,640.04 | 7,602.59 | 37.45 | 204.004 | | | | | |
| 7,800.00 | 6,840.00 | 6,835.00 | 6,736.32 | 61.60 | 3.34 | 99.26 | -792.34 | -10,244.50 | 7,540.06 | 7,502.56 | 37.50 | 201.049 | | | | | |
| 7,900.00 | 6,840.00 | 6,835.00 | 6,736.32 | 63.69 | 3.34 | 99.26 | -792.34 | -10,244.50 | 7,440.09 | 7,402.53 | 37.56 | 198.092 | | | | | |
| 8,000.00 | 6,840.00 | 6,835.00 | 6,736.32 | 65.82 | 3.34 | 99.26 | -792.34 | -10,244.50 | 7,340.12 | 7,302.50 | 37.62 | 195.136 | | | | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST HZ LIBSACK 8-6-27 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 1141-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 8,100.00 | 6,840.00 | 6,835.00 | 6,736.32 | 67.99 | 3.34 | 99.26 | -792.34 | -10,244.50 | 7,240.14 | 7,202.47 | 37.67 | 192.180 | | |
| 8,200.00 | 6,840.00 | 6,835.00 | 6,736.32 | 70.21 | 3.34 | 99.26 | -792.34 | -10,244.50 | 7,140.17 | 7,102.44 | 37.73 | 189.224 | | |
| 8,300.00 | 6,840.00 | 6,835.00 | 6,736.32 | 72.45 | 3.34 | 99.26 | -792.34 | -10,244.50 | 7,040.20 | 7,002.40 | 37.80 | 186.268 | | |
| 8,400.00 | 6,840.00 | 6,835.00 | 6,736.32 | 74.73 | 3.34 | 99.26 | -792.34 | -10,244.50 | 6,940.23 | 6,902.37 | 37.86 | 183.312 | | |
| 8,500.00 | 6,840.00 | 6,835.00 | 6,736.32 | 77.04 | 3.34 | 99.26 | -792.34 | -10,244.50 | 6,840.26 | 6,802.33 | 37.93 | 180.358 | | |
| 8,600.00 | 6,840.00 | 6,835.00 | 6,736.32 | 79.38 | 3.34 | 99.26 | -792.34 | -10,244.50 | 6,740.29 | 6,702.30 | 37.99 | 177.404 | | |
| 8,700.00 | 6,840.00 | 6,835.00 | 6,736.32 | 81.74 | 3.34 | 99.26 | -792.34 | -10,244.50 | 6,640.32 | 6,602.26 | 38.06 | 174.451 | | |
| 8,800.00 | 6,840.00 | 6,835.00 | 6,736.32 | 84.12 | 3.34 | 99.26 | -792.34 | -10,244.50 | 6,540.36 | 6,502.22 | 38.14 | 171.499 | | |
| 8,900.00 | 6,840.00 | 6,835.00 | 6,736.32 | 86.52 | 3.34 | 99.26 | -792.34 | -10,244.50 | 6,440.39 | 6,402.18 | 38.21 | 168.548 | | |
| 9,000.00 | 6,840.00 | 6,835.00 | 6,736.32 | 88.94 | 3.34 | 99.26 | -792.34 | -10,244.50 | 6,340.42 | 6,302.14 | 38.29 | 165.599 | | |
| 9,100.00 | 6,840.00 | 6,835.00 | 6,736.32 | 91.38 | 3.34 | 99.26 | -792.34 | -10,244.50 | 6,240.46 | 6,202.09 | 38.37 | 162.652 | | |
| 9,200.00 | 6,840.00 | 6,835.00 | 6,736.32 | 93.83 | 3.34 | 99.26 | -792.34 | -10,244.50 | 6,140.50 | 6,102.05 | 38.45 | 159.706 | | |
| 9,300.00 | 6,840.00 | 6,835.00 | 6,736.32 | 96.30 | 3.34 | 99.26 | -792.34 | -10,244.50 | 6,040.54 | 6,002.00 | 38.53 | 156.763 | | |
| 9,400.00 | 6,840.00 | 6,835.00 | 6,736.32 | 98.79 | 3.34 | 99.26 | -792.34 | -10,244.50 | 5,940.58 | 5,901.96 | 38.62 | 153.821 | | |
| 9,500.00 | 6,840.00 | 6,835.00 | 6,736.32 | 101.28 | 3.34 | 99.26 | -792.34 | -10,244.50 | 5,840.62 | 5,801.91 | 38.71 | 150.882 | | |
| 9,600.00 | 6,840.00 | 6,835.00 | 6,736.32 | 103.79 | 3.34 | 99.26 | -792.34 | -10,244.50 | 5,740.66 | 5,701.86 | 38.80 | 147.945 | | |
| 9,700.00 | 6,840.00 | 6,835.00 | 6,736.32 | 106.30 | 3.34 | 99.26 | -792.34 | -10,244.50 | 5,640.71 | 5,601.81 | 38.90 | 145.010 | | |
| 9,800.00 | 6,840.00 | 6,835.00 | 6,736.32 | 108.83 | 3.34 | 99.26 | -792.34 | -10,244.50 | 5,540.75 | 5,501.75 | 39.00 | 142.079 | | |
| 9,900.00 | 6,840.00 | 6,835.00 | 6,736.32 | 111.37 | 3.34 | 99.26 | -792.34 | -10,244.50 | 5,440.80 | 5,401.70 | 39.10 | 139.150 | | |
| 10,000.00 | 6,840.00 | 6,835.00 | 6,736.32 | 113.91 | 3.34 | 99.26 | -792.34 | -10,244.50 | 5,340.85 | 5,301.64 | 39.21 | 136.224 | | |
| 10,100.00 | 6,840.00 | 6,835.00 | 6,736.32 | 116.47 | 3.34 | 99.26 | -792.34 | -10,244.50 | 5,240.90 | 5,201.59 | 39.32 | 133.301 | | |
| 10,200.00 | 6,840.00 | 6,835.00 | 6,736.32 | 119.03 | 3.34 | 99.26 | -792.34 | -10,244.50 | 5,140.96 | 5,101.53 | 39.43 | 130.382 | | |
| 10,300.00 | 6,840.00 | 6,835.00 | 6,736.32 | 121.59 | 3.34 | 99.26 | -792.34 | -10,244.50 | 5,041.01 | 5,001.46 | 39.55 | 127.466 | | |
| 10,400.00 | 6,840.00 | 6,835.00 | 6,736.32 | 124.17 | 3.34 | 99.26 | -792.34 | -10,244.50 | 4,941.07 | 4,901.40 | 39.67 | 124.554 | | |
| 10,500.00 | 6,840.00 | 6,835.00 | 6,736.32 | 126.75 | 3.34 | 99.26 | -792.34 | -10,244.50 | 4,841.13 | 4,801.33 | 39.80 | 121.645 | | |
| 10,600.00 | 6,840.00 | 6,835.00 | 6,736.32 | 129.34 | 3.34 | 99.26 | -792.34 | -10,244.50 | 4,741.19 | 4,701.26 | 39.93 | 118.740 | | |
| 10,700.00 | 6,840.00 | 6,835.00 | 6,736.32 | 131.93 | 3.34 | 99.26 | -792.34 | -10,244.50 | 4,641.26 | 4,601.19 | 40.07 | 115.839 | | |
| 10,800.00 | 6,840.00 | 6,835.00 | 6,736.32 | 134.53 | 3.34 | 99.26 | -792.34 | -10,244.50 | 4,541.33 | 4,501.12 | 40.21 | 112.943 | | |
| 10,900.00 | 6,840.00 | 6,835.00 | 6,736.32 | 137.13 | 3.34 | 99.26 | -792.34 | -10,244.50 | 4,441.40 | 4,401.04 | 40.36 | 110.050 | | |
| 11,000.00 | 6,840.00 | 6,835.00 | 6,736.32 | 139.73 | 3.34 | 99.26 | -792.34 | -10,244.50 | 4,341.47 | 4,300.96 | 40.51 | 107.162 | | |
| 11,100.00 | 6,840.00 | 6,835.00 | 6,736.32 | 142.35 | 3.34 | 99.26 | -792.34 | -10,244.50 | 4,241.55 | 4,200.87 | 40.68 | 104.279 | | |
| 11,200.00 | 6,840.00 | 6,835.00 | 6,736.32 | 144.96 | 3.34 | 99.26 | -792.34 | -10,244.50 | 4,141.63 | 4,100.79 | 40.84 | 101.400 | | |
| 11,300.00 | 6,840.00 | 6,835.00 | 6,736.32 | 147.58 | 3.34 | 99.26 | -792.34 | -10,244.50 | 4,041.72 | 4,000.70 | 41.02 | 98.526 | | |
| 11,400.00 | 6,840.00 | 6,835.00 | 6,736.32 | 150.20 | 3.34 | 99.26 | -792.34 | -10,244.50 | 3,941.81 | 3,900.60 | 41.21 | 95.657 | | |
| 11,500.00 | 6,840.00 | 6,835.00 | 6,736.32 | 152.83 | 3.34 | 99.26 | -792.34 | -10,244.50 | 3,841.90 | 3,800.50 | 41.40 | 92.794 | | |
| 11,600.00 | 6,840.00 | 6,835.00 | 6,736.32 | 155.46 | 3.34 | 99.26 | -792.34 | -10,244.50 | 3,742.00 | 3,700.40 | 41.61 | 89.935 | | |
| 11,700.00 | 6,840.00 | 6,835.00 | 6,736.32 | 158.09 | 3.34 | 99.26 | -792.34 | -10,244.50 | 3,642.11 | 3,600.29 | 41.82 | 87.083 | | |
| 11,800.00 | 6,840.00 | 6,835.00 | 6,736.32 | 160.73 | 3.34 | 99.26 | -792.34 | -10,244.50 | 3,542.22 | 3,500.17 | 42.05 | 84.235 | | |
| 11,900.00 | 6,840.00 | 6,835.00 | 6,736.32 | 163.36 | 3.34 | 99.26 | -792.34 | -10,244.50 | 3,442.34 | 3,400.05 | 42.29 | 81.394 | | |
| 12,000.00 | 6,840.00 | 6,835.00 | 6,736.32 | 166.01 | 3.34 | 99.26 | -792.34 | -10,244.50 | 3,342.46 | 3,299.92 | 42.55 | 78.559 | | |
| 12,100.00 | 6,840.00 | 6,835.00 | 6,736.32 | 168.65 | 3.34 | 99.26 | -792.34 | -10,244.50 | 3,242.60 | 3,199.78 | 42.82 | 75.730 | | |
| 12,200.00 | 6,840.00 | 6,835.00 | 6,736.32 | 171.30 | 3.34 | 99.26 | -792.34 | -10,244.50 | 3,142.74 | 3,099.63 | 43.11 | 72.907 | | |
| 12,300.00 | 6,840.00 | 6,835.00 | 6,736.32 | 173.94 | 3.34 | 99.26 | -792.34 | -10,244.50 | 3,042.89 | 2,999.48 | 43.41 | 70.092 | | |
| 12,400.00 | 6,840.00 | 6,835.00 | 6,736.32 | 176.59 | 3.34 | 99.26 | -792.34 | -10,244.50 | 2,943.05 | 2,899.31 | 43.74 | 67.283 | | |
| 12,500.00 | 6,840.00 | 6,835.00 | 6,736.32 | 179.25 | 3.34 | 99.26 | -792.34 | -10,244.50 | 2,843.22 | 2,799.13 | 44.09 | 64.482 | | |
| 12,600.00 | 6,840.00 | 6,835.00 | 6,736.32 | 181.90 | 3.34 | 99.26 | -792.34 | -10,244.50 | 2,743.41 | 2,698.94 | 44.47 | 61.689 | | |
| 12,700.00 | 6,840.00 | 6,835.00 | 6,736.32 | 184.56 | 3.34 | 99.26 | -792.34 | -10,244.50 | 2,643.61 | 2,598.73 | 44.88 | 58.904 | | |
| 12,800.00 | 6,840.00 | 6,835.00 | 6,736.32 | 187.22 | 3.34 | 99.26 | -792.34 | -10,244.50 | 2,543.82 | 2,498.50 | 45.32 | 56.128 | | |
| 12,900.00 | 6,840.00 | 6,835.00 | 6,736.32 | 189.88 | 3.34 | 99.26 | -792.34 | -10,244.50 | 2,444.05 | 2,398.25 | 45.80 | 53.361 | | |
| 13,000.00 | 6,840.00 | 6,835.00 | 6,736.32 | 192.54 | 3.34 | 99.26 | -792.34 | -10,244.50 | 2,344.31 | 2,297.98 | 46.33 | 50.604 | | |
| 13,100.00 | 6,840.00 | 6,835.00 | 6,736.32 | 195.20 | 3.34 | 99.26 | -792.34 | -10,244.50 | 2,244.58 | 2,197.68 | 46.90 | 47.859 | | |
| 13,200.00 | 6,840.00 | 6,835.00 | 6,736.32 | 197.87 | 3.34 | 99.26 | -792.34 | -10,244.50 | 2,144.88 | 2,097.35 | 47.53 | 45.125 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST HZ LIBSACK 8-6-27 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|--------------------|-----------|
| Survey Program: 1141-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 13,300.00 | 6,840.00 | 6,835.00 | 6,736.32 | 200.53 | 3.34 | 99.26 | -792.34 | -10,244.50 | 2,045.21 | 1,996.98 | 48.23 | 42.405 | | |
| 13,400.00 | 6,840.00 | 6,835.00 | 6,736.32 | 203.20 | 3.34 | 99.26 | -792.34 | -10,244.50 | 1,945.57 | 1,896.56 | 49.01 | 39.700 | | |
| 13,500.00 | 6,840.00 | 6,835.00 | 6,736.32 | 205.87 | 3.34 | 99.26 | -792.34 | -10,244.50 | 1,845.97 | 1,796.10 | 49.88 | 37.011 | | |
| 13,600.00 | 6,840.00 | 6,835.00 | 6,736.32 | 208.54 | 3.34 | 99.26 | -792.34 | -10,244.50 | 1,746.42 | 1,695.57 | 50.85 | 34.342 | | |
| 13,700.00 | 6,840.00 | 6,835.00 | 6,736.32 | 211.22 | 3.34 | 99.26 | -792.34 | -10,244.50 | 1,646.92 | 1,594.96 | 51.96 | 31.694 | | |
| 13,800.00 | 6,840.00 | 6,835.00 | 6,736.32 | 213.89 | 3.34 | 99.26 | -792.34 | -10,244.50 | 1,547.49 | 1,494.26 | 53.23 | 29.071 | | |
| 13,900.00 | 6,840.00 | 6,835.00 | 6,736.32 | 216.56 | 3.34 | 99.26 | -792.34 | -10,244.50 | 1,448.13 | 1,393.44 | 54.69 | 26.478 | | |
| 14,000.00 | 6,840.00 | 6,835.00 | 6,736.32 | 219.24 | 3.34 | 99.26 | -792.34 | -10,244.50 | 1,348.87 | 1,292.48 | 56.39 | 23.919 | | |
| 14,100.00 | 6,840.00 | 6,827.80 | 6,729.13 | 221.92 | 3.34 | 96.84 | -792.00 | -10,244.56 | 1,249.70 | 1,191.16 | 58.54 | 21.347 | | |
| 14,200.00 | 6,840.00 | 6,827.13 | 6,728.46 | 224.59 | 3.34 | 96.61 | -791.97 | -10,244.57 | 1,150.70 | 1,089.75 | 60.95 | 18.879 | | |
| 14,300.00 | 6,840.00 | 6,826.43 | 6,727.76 | 227.27 | 3.34 | 96.38 | -791.93 | -10,244.57 | 1,051.89 | 988.03 | 63.86 | 16.473 | | |
| 14,400.00 | 6,840.00 | 6,825.70 | 6,727.03 | 229.95 | 3.34 | 96.13 | -791.90 | -10,244.58 | 953.32 | 885.90 | 67.42 | 14.140 | | |
| 14,500.00 | 6,840.00 | 6,824.92 | 6,726.26 | 232.63 | 3.34 | 95.86 | -791.86 | -10,244.59 | 855.09 | 783.22 | 71.87 | 11.898 | | |
| 14,600.00 | 6,840.00 | 6,824.11 | 6,725.44 | 235.31 | 3.34 | 95.59 | -791.82 | -10,244.60 | 757.31 | 679.77 | 77.55 | 9.766 | | |
| 14,700.00 | 6,840.00 | 6,823.24 | 6,724.58 | 238.00 | 3.34 | 95.29 | -791.78 | -10,244.61 | 660.21 | 575.22 | 84.99 | 7.768 | | |
| 14,800.00 | 6,840.00 | 6,822.33 | 6,723.67 | 240.68 | 3.34 | 94.99 | -791.73 | -10,244.62 | 564.11 | 469.06 | 95.06 | 5.935 | | |
| 14,900.00 | 6,840.00 | 6,821.36 | 6,722.70 | 243.36 | 3.34 | 94.66 | -791.68 | -10,244.63 | 469.65 | 360.46 | 109.18 | 4.302 | | |
| 15,000.00 | 6,840.00 | 6,820.34 | 6,721.68 | 246.05 | 3.33 | 94.31 | -791.63 | -10,244.64 | 378.03 | 248.15 | 129.88 | 2.911 | | |
| 15,100.00 | 6,840.00 | 6,819.25 | 6,720.58 | 248.74 | 3.33 | 93.94 | -791.57 | -10,244.65 | 291.97 | 130.60 | 161.38 | 1.809 | | |
| 15,200.00 | 6,840.00 | 6,818.08 | 6,719.42 | 251.42 | 3.33 | 93.54 | -791.51 | -10,244.67 | 218.14 | 10.18 | 207.96 | 1.049 Level 2 | | |
| 15,300.00 | 6,840.00 | 6,816.84 | 6,718.18 | 254.11 | 3.33 | 93.12 | -791.45 | -10,244.69 | 172.97 | -80.75 | 253.73 | 0.682 Level 1 | | |
| 15,338.35 | 6,840.00 | 6,816.34 | 6,717.68 | 255.14 | 3.33 | 92.95 | -791.43 | -10,244.69 | 168.67 | -88.68 | 257.35 | 0.655 Level 1, CC, ES, SF | | |
| 15,400.00 | 6,840.00 | 6,815.51 | 6,716.86 | 256.80 | 3.33 | 92.67 | -791.38 | -10,244.70 | 179.58 | -58.49 | 238.07 | 0.754 Level 1 | | |
| 15,500.00 | 6,840.00 | 6,814.09 | 6,715.43 | 259.49 | 3.33 | 92.19 | -791.31 | -10,244.72 | 233.62 | 53.71 | 179.90 | 1.299 Level 3 | | |
| 15,600.00 | 6,840.00 | 6,812.55 | 6,713.90 | 262.17 | 3.33 | 91.66 | -791.23 | -10,244.75 | 311.28 | 177.30 | 133.98 | 2.323 | | |
| 15,700.00 | 6,840.00 | 6,810.90 | 6,712.25 | 264.86 | 3.33 | 91.10 | -791.14 | -10,244.77 | 399.02 | 294.39 | 104.63 | 3.814 | | |
| 15,800.00 | 6,840.00 | 6,809.11 | 6,710.47 | 267.55 | 3.33 | 90.50 | -791.05 | -10,244.80 | 491.45 | 405.72 | 85.74 | 5.732 | | |
| 15,900.00 | 6,840.00 | 6,807.17 | 6,708.53 | 270.25 | 3.33 | 89.84 | -790.94 | -10,244.83 | 586.37 | 513.29 | 73.08 | 8.024 | | |
| 16,000.00 | 6,840.00 | 6,805.06 | 6,706.42 | 272.94 | 3.33 | 89.13 | -790.83 | -10,244.87 | 682.74 | 618.46 | 64.27 | 10.622 | | |
| 16,100.00 | 6,840.00 | 6,802.75 | 6,704.12 | 275.63 | 3.33 | 88.35 | -790.70 | -10,244.91 | 780.01 | 722.05 | 57.96 | 13.457 | | |
| 16,200.00 | 6,840.00 | 6,800.22 | 6,701.59 | 278.32 | 3.33 | 87.49 | -790.56 | -10,244.96 | 877.90 | 824.57 | 53.33 | 16.462 | | |
| 16,300.00 | 6,840.00 | 6,797.43 | 6,698.81 | 281.02 | 3.33 | 86.56 | -790.40 | -10,245.01 | 976.21 | 926.34 | 49.86 | 19.579 | | |
| 16,400.00 | 6,840.00 | 6,794.34 | 6,695.72 | 283.71 | 3.33 | 85.52 | -790.23 | -10,245.08 | 1,074.82 | 1,027.59 | 47.22 | 22.760 | | |
| 16,500.00 | 6,840.00 | 6,790.90 | 6,692.28 | 286.40 | 3.33 | 84.38 | -790.03 | -10,245.15 | 1,173.66 | 1,128.47 | 45.19 | 25.969 | | |
| 16,600.00 | 6,840.00 | 6,787.03 | 6,688.43 | 289.10 | 3.33 | 83.10 | -789.80 | -10,245.24 | 1,272.68 | 1,229.07 | 43.61 | 29.181 | | |
| 16,700.00 | 6,840.00 | 6,782.68 | 6,684.08 | 291.79 | 3.32 | 81.68 | -789.54 | -10,245.35 | 1,371.83 | 1,329.46 | 42.37 | 32.380 | | |
| 16,800.00 | 6,840.00 | 6,777.72 | 6,679.14 | 294.49 | 3.32 | 80.07 | -789.24 | -10,245.48 | 1,471.09 | 1,429.71 | 41.37 | 35.555 | | |
| 16,900.00 | 6,840.00 | 6,772.04 | 6,673.46 | 297.19 | 3.32 | 78.26 | -788.88 | -10,245.64 | 1,570.43 | 1,529.86 | 40.58 | 38.703 | | |
| 17,000.00 | 6,840.00 | 6,767.54 | 6,668.97 | 299.88 | 3.32 | 76.85 | -788.60 | -10,245.78 | 1,669.85 | 1,629.89 | 39.96 | 41.791 | | |
| 17,100.00 | 6,840.00 | 6,762.74 | 6,664.19 | 302.58 | 3.32 | 75.36 | -788.29 | -10,245.92 | 1,769.32 | 1,729.86 | 39.46 | 44.837 | | |
| 17,200.00 | 6,840.00 | 6,757.62 | 6,659.08 | 305.28 | 3.32 | 73.81 | -787.96 | -10,246.09 | 1,868.84 | 1,829.77 | 39.06 | 47.845 | | |
| 17,300.00 | 6,840.00 | 6,752.12 | 6,653.60 | 307.97 | 3.31 | 72.17 | -787.60 | -10,246.27 | 1,968.39 | 1,929.66 | 38.74 | 50.815 | | |
| 17,400.00 | 6,840.00 | 6,746.21 | 6,647.70 | 310.67 | 3.31 | 70.45 | -787.21 | -10,246.47 | 2,067.99 | 2,029.51 | 38.47 | 53.751 | | |
| 17,500.00 | 6,840.00 | 6,739.83 | 6,641.35 | 313.37 | 3.31 | 68.65 | -786.79 | -10,246.70 | 2,167.61 | 2,129.35 | 38.26 | 56.657 | | |
| 17,600.00 | 6,840.00 | 6,732.95 | 6,634.48 | 316.07 | 3.31 | 66.76 | -786.33 | -10,246.95 | 2,267.25 | 2,229.17 | 38.08 | 59.535 | | |
| 17,700.00 | 6,840.00 | 6,725.48 | 6,627.03 | 318.77 | 3.31 | 64.78 | -785.82 | -10,247.24 | 2,366.91 | 2,328.97 | 37.94 | 62.390 | | |
| 17,800.00 | 6,840.00 | 6,717.35 | 6,618.93 | 321.47 | 3.30 | 62.71 | -785.26 | -10,247.57 | 2,466.59 | 2,428.77 | 37.82 | 65.226 | | |
| 17,900.00 | 6,840.00 | 6,709.06 | 6,610.67 | 324.17 | 3.30 | 60.69 | -784.68 | -10,247.91 | 2,566.27 | 2,528.55 | 37.72 | 68.034 | | |
| 18,000.00 | 6,840.00 | 6,703.33 | 6,604.96 | 326.87 | 3.30 | 59.35 | -784.28 | -10,248.16 | 2,665.97 | 2,628.30 | 37.68 | 70.757 | | |
| 18,100.00 | 6,840.00 | 6,697.44 | 6,599.09 | 329.57 | 3.30 | 58.02 | -783.86 | -10,248.42 | 2,765.69 | 2,728.03 | 37.65 | 73.453 | | |
| 18,200.00 | 6,840.00 | 6,691.38 | 6,593.05 | 332.27 | 3.30 | 56.69 | -783.41 | -10,248.69 | 2,865.41 | 2,827.77 | 37.64 | 76.126 | | |
| 18,300.00 | 6,840.00 | 6,685.14 | 6,586.83 | 334.97 | 3.29 | 55.37 | -782.95 | -10,248.97 | 2,965.14 | 2,927.50 | 37.64 | 78.777 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST HZ LIBSACK 8-6-27 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 1141-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 18,400.00 | 6,840.00 | 6,678.71 | 6,580.43 | 337.67 | 3.29 | 54.07 | -782.47 | -10,249.26 | 3,064.88 | 3,027.23 | 37.65 | 81.407 | |
| 18,500.00 | 6,840.00 | 6,672.10 | 6,573.84 | 340.38 | 3.29 | 52.77 | -781.96 | -10,249.57 | 3,164.63 | 3,126.96 | 37.67 | 84.017 | |
| 18,600.00 | 6,840.00 | 6,665.28 | 6,567.05 | 343.08 | 3.29 | 51.49 | -781.43 | -10,249.89 | 3,264.38 | 3,226.69 | 37.69 | 86.610 | |
| 18,700.00 | 6,840.00 | 6,658.25 | 6,560.05 | 345.78 | 3.28 | 50.23 | -780.87 | -10,250.22 | 3,364.14 | 3,326.42 | 37.72 | 89.185 | |
| 18,800.00 | 6,840.00 | 6,653.43 | 6,555.25 | 348.48 | 3.28 | 49.40 | -780.48 | -10,250.46 | 3,463.90 | 3,426.12 | 37.78 | 91.690 | |
| 18,900.00 | 6,840.00 | 6,642.22 | 6,544.10 | 351.19 | 3.28 | 47.55 | -779.57 | -10,251.01 | 3,563.67 | 3,525.89 | 37.78 | 94.320 | |
| 19,000.00 | 6,840.00 | 6,630.10 | 6,532.04 | 353.89 | 3.27 | 45.69 | -778.55 | -10,251.62 | 3,663.43 | 3,625.64 | 37.79 | 96.952 | |
| 19,100.00 | 6,840.00 | 6,616.95 | 6,518.95 | 356.59 | 3.27 | 43.83 | -777.40 | -10,252.32 | 3,763.19 | 3,725.40 | 37.79 | 99.586 | |
| 19,200.00 | 6,840.00 | 6,602.63 | 6,504.71 | 359.30 | 3.27 | 41.97 | -776.10 | -10,253.12 | 3,862.94 | 3,825.15 | 37.79 | 102.227 | |
| 19,300.00 | 6,840.00 | 6,586.97 | 6,489.15 | 362.00 | 3.26 | 40.11 | -774.64 | -10,254.02 | 3,962.68 | 3,924.90 | 37.78 | 104.876 | |
| 19,400.00 | 6,840.00 | 6,574.28 | 6,476.54 | 364.71 | 3.26 | 38.73 | -773.40 | -10,254.79 | 4,062.41 | 4,024.60 | 37.81 | 107.443 | |
| 19,500.00 | 6,840.00 | 6,561.84 | 6,464.20 | 367.41 | 3.25 | 37.47 | -772.15 | -10,255.56 | 4,162.14 | 4,124.30 | 37.84 | 109.985 | |
| 19,600.00 | 6,840.00 | 6,548.72 | 6,451.17 | 370.11 | 3.25 | 36.25 | -770.77 | -10,256.39 | 4,261.86 | 4,223.99 | 37.88 | 112.524 | |
| 19,700.00 | 6,840.00 | 6,534.85 | 6,437.41 | 372.82 | 3.24 | 35.06 | -769.25 | -10,257.30 | 4,361.58 | 4,323.67 | 37.91 | 115.061 | |
| 19,800.00 | 6,840.00 | 6,520.58 | 6,423.27 | 375.53 | 3.24 | 33.92 | -767.63 | -10,258.26 | 4,461.28 | 4,423.34 | 37.94 | 117.587 | |
| 19,900.00 | 6,840.00 | 6,508.72 | 6,411.52 | 378.23 | 3.23 | 33.05 | -766.24 | -10,259.07 | 4,560.98 | 4,522.99 | 37.99 | 120.048 | |
| 20,000.00 | 6,840.00 | 6,496.44 | 6,399.36 | 380.94 | 3.23 | 32.21 | -764.75 | -10,259.93 | 4,660.68 | 4,622.63 | 38.05 | 122.501 | |
| 20,100.00 | 6,840.00 | 6,483.71 | 6,386.77 | 383.64 | 3.22 | 31.39 | -763.17 | -10,260.84 | 4,760.37 | 4,722.27 | 38.10 | 124.947 | |
| 20,200.00 | 6,840.00 | 6,470.52 | 6,373.71 | 386.35 | 3.22 | 30.60 | -761.48 | -10,261.79 | 4,860.05 | 4,821.90 | 38.15 | 127.386 | |
| 20,300.00 | 6,840.00 | 6,459.26 | 6,362.58 | 389.05 | 3.21 | 29.97 | -760.01 | -10,262.62 | 4,959.72 | 4,921.50 | 38.22 | 129.771 | |
| 20,400.00 | 6,840.00 | 6,451.92 | 6,355.33 | 391.76 | 3.21 | 29.58 | -759.03 | -10,263.16 | 5,059.40 | 5,021.09 | 38.31 | 132.068 | |
| 20,442.82 | 6,840.00 | 6,448.77 | 6,352.22 | 392.92 | 3.21 | 29.42 | -758.61 | -10,263.40 | 5,102.08 | 5,063.73 | 38.35 | 133.047 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST HZ LORY 12N - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 144-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,800.00 | 6,840.00 | 13,328.66 | 7,052.93 | 134.53 | 110.08 | -140.31 | -1,126.40 | -15,679.26 | 9,975.81 | 9,834.42 | 141.39 | 70.555 | | |
| 10,900.00 | 6,840.00 | 13,329.49 | 7,052.91 | 137.13 | 110.09 | -140.43 | -1,125.56 | -15,679.27 | 9,875.85 | 9,734.44 | 141.41 | 69.839 | | |
| 11,000.00 | 6,840.00 | 13,330.33 | 7,052.89 | 139.73 | 110.11 | -140.55 | -1,124.72 | -15,679.28 | 9,775.90 | 9,634.47 | 141.43 | 69.124 | | |
| 11,100.00 | 6,840.00 | 13,331.19 | 7,052.88 | 142.35 | 110.12 | -140.68 | -1,123.87 | -15,679.30 | 9,675.95 | 9,534.50 | 141.44 | 68.408 | | |
| 11,200.00 | 6,840.00 | 13,332.05 | 7,052.86 | 144.96 | 110.14 | -140.80 | -1,123.00 | -15,679.31 | 9,576.00 | 9,434.53 | 141.46 | 67.693 | | |
| 11,300.00 | 6,840.00 | 13,332.93 | 7,052.84 | 147.58 | 110.15 | -140.93 | -1,122.13 | -15,679.32 | 9,476.05 | 9,334.56 | 141.48 | 66.977 | | |
| 11,400.00 | 6,840.00 | 13,333.81 | 7,052.82 | 150.20 | 110.16 | -141.06 | -1,121.24 | -15,679.34 | 9,376.10 | 9,234.59 | 141.50 | 66.262 | | |
| 11,500.00 | 6,840.00 | 13,334.70 | 7,052.80 | 152.83 | 110.18 | -141.19 | -1,120.35 | -15,679.35 | 9,276.15 | 9,134.62 | 141.52 | 65.546 | | |
| 11,600.00 | 6,840.00 | 13,335.61 | 7,052.79 | 155.46 | 110.19 | -141.33 | -1,119.44 | -15,679.37 | 9,176.20 | 9,034.66 | 141.54 | 64.830 | | |
| 11,700.00 | 6,840.00 | 13,336.53 | 7,052.77 | 158.09 | 110.21 | -141.46 | -1,118.53 | -15,679.38 | 9,076.25 | 8,934.69 | 141.56 | 64.115 | | |
| 11,800.00 | 6,840.00 | 13,337.46 | 7,052.75 | 160.73 | 110.23 | -141.60 | -1,117.60 | -15,679.40 | 8,976.30 | 8,834.72 | 141.58 | 63.399 | | |
| 11,900.00 | 6,840.00 | 13,359.00 | 7,052.33 | 163.36 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 8,876.41 | 8,734.26 | 142.16 | 62.442 | | |
| 12,000.00 | 6,840.00 | 13,359.00 | 7,052.33 | 166.01 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 8,776.46 | 8,634.31 | 142.16 | 61.738 | | |
| 12,100.00 | 6,840.00 | 13,359.00 | 7,052.33 | 168.65 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 8,676.52 | 8,534.36 | 142.16 | 61.035 | | |
| 12,200.00 | 6,840.00 | 13,359.00 | 7,052.33 | 171.30 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 8,576.57 | 8,434.41 | 142.16 | 60.332 | | |
| 12,300.00 | 6,840.00 | 13,359.00 | 7,052.33 | 173.94 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 8,476.62 | 8,334.47 | 142.16 | 59.629 | | |
| 12,400.00 | 6,840.00 | 13,359.00 | 7,052.33 | 176.59 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 8,376.68 | 8,234.53 | 142.15 | 58.927 | | |
| 12,500.00 | 6,840.00 | 13,359.00 | 7,052.33 | 179.25 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 8,276.74 | 8,134.59 | 142.15 | 58.224 | | |
| 12,600.00 | 6,840.00 | 13,359.00 | 7,052.33 | 181.90 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 8,176.80 | 8,034.65 | 142.15 | 57.521 | | |
| 12,700.00 | 6,840.00 | 13,359.00 | 7,052.33 | 184.56 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 8,076.86 | 7,934.71 | 142.15 | 56.819 | | |
| 12,800.00 | 6,840.00 | 13,359.00 | 7,052.33 | 187.22 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 7,976.92 | 7,834.77 | 142.15 | 56.117 | | |
| 12,900.00 | 6,840.00 | 13,359.00 | 7,052.33 | 189.88 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 7,876.98 | 7,734.84 | 142.15 | 55.414 | | |
| 13,000.00 | 6,840.00 | 13,359.00 | 7,052.33 | 192.54 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 7,777.05 | 7,634.90 | 142.14 | 54.712 | | |
| 13,100.00 | 6,840.00 | 13,359.00 | 7,052.33 | 195.20 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 7,677.12 | 7,534.97 | 142.14 | 54.011 | | |
| 13,200.00 | 6,840.00 | 13,359.00 | 7,052.33 | 197.87 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 7,577.18 | 7,435.05 | 142.14 | 53.309 | | |
| 13,300.00 | 6,840.00 | 13,359.00 | 7,052.33 | 200.53 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 7,477.25 | 7,335.12 | 142.13 | 52.607 | | |
| 13,400.00 | 6,840.00 | 13,359.00 | 7,052.33 | 203.20 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 7,377.33 | 7,235.20 | 142.13 | 51.906 | | |
| 13,500.00 | 6,840.00 | 13,359.00 | 7,052.33 | 205.87 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 7,277.40 | 7,135.28 | 142.12 | 51.205 | | |
| 13,600.00 | 6,840.00 | 13,359.00 | 7,052.33 | 208.54 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 7,177.48 | 7,035.36 | 142.12 | 50.504 | | |
| 13,700.00 | 6,840.00 | 13,359.00 | 7,052.33 | 211.22 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 7,077.56 | 6,935.45 | 142.11 | 49.803 | | |
| 13,800.00 | 6,840.00 | 13,359.00 | 7,052.33 | 213.89 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 6,977.64 | 6,835.53 | 142.10 | 49.103 | | |
| 13,900.00 | 6,840.00 | 13,359.00 | 7,052.33 | 216.56 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 6,877.72 | 6,735.63 | 142.10 | 48.402 | | |
| 14,000.00 | 6,840.00 | 13,359.00 | 7,052.33 | 219.24 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 6,777.81 | 6,635.72 | 142.09 | 47.702 | | |
| 14,100.00 | 6,840.00 | 13,359.00 | 7,052.33 | 221.92 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 6,677.89 | 6,535.82 | 142.08 | 47.002 | | |
| 14,200.00 | 6,840.00 | 13,359.00 | 7,052.33 | 224.59 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 6,577.99 | 6,435.92 | 142.07 | 46.302 | | |
| 14,300.00 | 6,840.00 | 13,359.00 | 7,052.33 | 227.27 | 110.59 | -144.97 | -1,096.06 | -15,679.78 | 6,478.08 | 6,336.02 | 142.06 | 45.602 | | |
| 14,400.00 | 6,840.00 | 13,368.28 | 7,052.15 | 229.95 | 110.74 | -146.52 | -1,086.78 | -15,679.96 | 6,378.17 | 6,235.83 | 142.34 | 44.810 | | |
| 14,500.00 | 6,840.00 | 13,369.94 | 7,052.12 | 232.63 | 110.77 | -146.81 | -1,085.13 | -15,679.99 | 6,278.26 | 6,135.88 | 142.38 | 44.095 | | |
| 14,600.00 | 6,840.00 | 13,371.62 | 7,052.09 | 235.31 | 110.80 | -147.10 | -1,083.45 | -15,680.03 | 6,178.36 | 6,035.94 | 142.42 | 43.381 | | |
| 14,700.00 | 6,840.00 | 13,373.31 | 7,052.06 | 238.00 | 110.83 | -147.39 | -1,081.76 | -15,680.06 | 6,078.46 | 5,936.00 | 142.46 | 42.667 | | |
| 14,800.00 | 6,840.00 | 13,375.02 | 7,052.03 | 240.68 | 110.86 | -147.69 | -1,080.05 | -15,680.09 | 5,978.56 | 5,836.06 | 142.51 | 41.953 | | |
| 14,900.00 | 6,840.00 | 13,376.75 | 7,052.00 | 243.36 | 110.88 | -147.99 | -1,078.32 | -15,680.13 | 5,878.67 | 5,736.12 | 142.55 | 41.240 | | |
| 15,000.00 | 6,840.00 | 13,378.50 | 7,051.97 | 246.05 | 110.91 | -148.30 | -1,076.57 | -15,680.17 | 5,778.78 | 5,636.18 | 142.59 | 40.526 | | |
| 15,100.00 | 6,840.00 | 13,380.26 | 7,051.93 | 248.74 | 110.94 | -148.61 | -1,074.81 | -15,680.20 | 5,678.89 | 5,536.25 | 142.64 | 39.814 | | |
| 15,200.00 | 6,840.00 | 13,382.05 | 7,051.90 | 251.42 | 110.97 | -148.93 | -1,073.03 | -15,680.24 | 5,579.00 | 5,436.33 | 142.68 | 39.102 | | |
| 15,300.00 | 6,840.00 | 13,383.85 | 7,051.87 | 254.11 | 111.00 | -149.26 | -1,071.22 | -15,680.28 | 5,479.12 | 5,336.40 | 142.72 | 38.390 | | |
| 15,400.00 | 6,840.00 | 13,385.67 | 7,051.84 | 256.80 | 111.03 | -149.59 | -1,069.40 | -15,680.32 | 5,379.25 | 5,236.48 | 142.77 | 37.678 | | |
| 15,500.00 | 6,840.00 | 13,387.51 | 7,051.80 | 259.49 | 111.06 | -149.93 | -1,067.56 | -15,680.36 | 5,279.37 | 5,136.56 | 142.81 | 36.968 | | |
| 15,600.00 | 6,840.00 | 13,389.37 | 7,051.77 | 262.17 | 111.10 | -150.27 | -1,065.70 | -15,680.40 | 5,179.50 | 5,036.65 | 142.85 | 36.257 | | |
| 15,700.00 | 6,840.00 | 13,391.25 | 7,051.74 | 264.86 | 111.13 | -150.62 | -1,063.82 | -15,680.44 | 5,079.63 | 4,936.74 | 142.90 | 35.547 | | |
| 15,800.00 | 6,840.00 | 13,393.16 | 7,051.71 | 267.55 | 111.16 | -150.98 | -1,061.92 | -15,680.48 | 4,979.77 | 4,836.83 | 142.94 | 34.838 | | |
| 15,900.00 | 6,840.00 | 13,395.08 | 7,051.67 | 270.25 | 111.19 | -151.34 | -1,060.00 | -15,680.52 | 4,879.92 | 4,736.93 | 142.99 | 34.129 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST HZ LORY 12N - OWB - FINAL SURVEY | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 144-MWD OWSG | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 16,000.00 | 6,840.00 | 13,397.02 | 7,051.64 | 272.94 | 111.22 | -151.71 | -1,058.05 | -15,680.56 | 4,780.06 | 4,637.03 | 143.03 | 33.420 | | |
| 16,100.00 | 6,840.00 | 13,398.99 | 7,051.61 | 275.63 | 111.26 | -152.09 | -1,056.09 | -15,680.61 | 4,680.22 | 4,537.14 | 143.07 | 32.712 | | |
| 16,200.00 | 6,840.00 | 13,400.98 | 7,051.57 | 278.32 | 111.29 | -152.47 | -1,054.10 | -15,680.65 | 4,580.37 | 4,437.26 | 143.12 | 32.004 | | |
| 16,300.00 | 6,840.00 | 13,402.99 | 7,051.54 | 281.02 | 111.32 | -152.86 | -1,052.09 | -15,680.69 | 4,480.54 | 4,337.38 | 143.16 | 31.297 | | |
| 16,400.00 | 6,840.00 | 13,405.02 | 7,051.50 | 283.71 | 111.36 | -153.26 | -1,050.06 | -15,680.74 | 4,380.71 | 4,237.51 | 143.20 | 30.591 | | |
| 16,500.00 | 6,840.00 | 13,407.07 | 7,051.47 | 286.40 | 111.39 | -153.66 | -1,048.01 | -15,680.79 | 4,280.89 | 4,137.64 | 143.25 | 29.885 | | |
| 16,600.00 | 6,840.00 | 13,409.15 | 7,051.43 | 289.10 | 111.43 | -154.08 | -1,045.93 | -15,680.83 | 4,181.07 | 4,037.78 | 143.29 | 29.180 | | |
| 16,700.00 | 6,840.00 | 13,411.26 | 7,051.40 | 291.79 | 111.46 | -154.50 | -1,043.83 | -15,680.88 | 4,081.26 | 3,937.93 | 143.33 | 28.475 | | |
| 16,800.00 | 6,840.00 | 13,413.38 | 7,051.36 | 294.49 | 111.50 | -154.93 | -1,041.70 | -15,680.93 | 3,981.46 | 3,838.09 | 143.37 | 27.771 | | |
| 16,900.00 | 6,840.00 | 13,415.53 | 7,051.33 | 297.19 | 111.53 | -155.36 | -1,039.55 | -15,680.98 | 3,881.67 | 3,738.26 | 143.41 | 27.067 | | |
| 17,000.00 | 6,840.00 | 13,417.71 | 7,051.29 | 299.88 | 111.57 | -155.81 | -1,037.37 | -15,681.03 | 3,781.89 | 3,638.44 | 143.45 | 26.364 | | |
| 17,100.00 | 6,840.00 | 13,419.91 | 7,051.26 | 302.58 | 111.61 | -156.26 | -1,035.17 | -15,681.09 | 3,682.12 | 3,538.63 | 143.49 | 25.662 | | |
| 17,200.00 | 6,840.00 | 13,422.14 | 7,051.22 | 305.28 | 111.64 | -156.73 | -1,032.95 | -15,681.14 | 3,582.36 | 3,438.83 | 143.53 | 24.960 | | |
| 17,300.00 | 6,840.00 | 13,424.40 | 7,051.19 | 307.97 | 111.68 | -157.20 | -1,030.69 | -15,681.19 | 3,482.61 | 3,339.05 | 143.56 | 24.259 | | |
| 17,400.00 | 6,840.00 | 13,426.68 | 7,051.15 | 310.67 | 111.72 | -157.68 | -1,028.41 | -15,681.25 | 3,382.87 | 3,239.27 | 143.60 | 23.558 | | |
| 17,500.00 | 6,840.00 | 13,428.99 | 7,051.11 | 313.37 | 111.76 | -158.17 | -1,026.10 | -15,681.31 | 3,283.15 | 3,139.52 | 143.63 | 22.858 | | |
| 17,600.00 | 6,840.00 | 13,431.32 | 7,051.08 | 316.07 | 111.80 | -158.67 | -1,023.77 | -15,681.36 | 3,183.44 | 3,039.78 | 143.66 | 22.159 | | |
| 17,700.00 | 6,840.00 | 13,433.69 | 7,051.04 | 318.77 | 111.84 | -159.18 | -1,021.40 | -15,681.42 | 3,083.75 | 2,940.06 | 143.70 | 21.460 | | |
| 17,800.00 | 6,840.00 | 13,436.08 | 7,051.00 | 321.47 | 111.88 | -159.70 | -1,019.01 | -15,681.48 | 2,984.08 | 2,840.36 | 143.72 | 20.762 | | |
| 17,900.00 | 6,840.00 | 13,438.51 | 7,050.97 | 324.17 | 111.92 | -160.23 | -1,016.59 | -15,681.54 | 2,884.43 | 2,740.68 | 143.75 | 20.065 | | |
| 18,000.00 | 6,840.00 | 13,440.96 | 7,050.93 | 326.87 | 111.96 | -160.77 | -1,014.13 | -15,681.60 | 2,784.80 | 2,641.02 | 143.78 | 19.369 | | |
| 18,100.00 | 6,840.00 | 13,443.44 | 7,050.89 | 329.57 | 112.00 | -161.32 | -1,011.65 | -15,681.67 | 2,685.20 | 2,541.39 | 143.80 | 18.673 | | |
| 18,200.00 | 6,840.00 | 13,445.96 | 7,050.86 | 332.27 | 112.04 | -161.88 | -1,009.14 | -15,681.73 | 2,585.62 | 2,441.80 | 143.82 | 17.978 | | |
| 18,300.00 | 6,840.00 | 13,448.51 | 7,050.82 | 334.97 | 112.09 | -162.45 | -1,006.59 | -15,681.80 | 2,486.08 | 2,342.23 | 143.84 | 17.283 | | |
| 18,400.00 | 6,840.00 | 13,449.00 | 7,050.81 | 337.67 | 112.09 | -162.56 | -1,006.10 | -15,681.81 | 2,386.57 | 2,242.81 | 143.76 | 16.601 | | |
| 18,500.00 | 6,840.00 | 13,453.22 | 7,050.75 | 340.38 | 112.17 | -163.52 | -1,001.88 | -15,681.92 | 2,287.09 | 2,143.24 | 143.85 | 15.899 | | |
| 18,600.00 | 6,840.00 | 13,455.62 | 7,050.71 | 343.08 | 112.21 | -164.07 | -999.48 | -15,681.99 | 2,187.67 | 2,043.81 | 143.85 | 15.207 | | |
| 18,700.00 | 6,840.00 | 13,458.07 | 7,050.68 | 345.78 | 112.25 | -164.63 | -997.03 | -15,682.05 | 2,088.29 | 1,944.44 | 143.85 | 14.517 | | |
| 18,800.00 | 6,840.00 | 13,460.58 | 7,050.64 | 348.48 | 112.29 | -165.22 | -994.53 | -15,682.12 | 1,988.97 | 1,845.12 | 143.85 | 13.826 | | |
| 18,900.00 | 6,840.00 | 13,463.14 | 7,050.61 | 351.19 | 112.33 | -165.81 | -991.97 | -15,682.19 | 1,889.73 | 1,745.87 | 143.85 | 13.136 | | |
| 19,000.00 | 6,840.00 | 13,465.76 | 7,050.57 | 353.89 | 112.38 | -166.42 | -989.35 | -15,682.27 | 1,790.56 | 1,646.70 | 143.86 | 12.447 | | |
| 19,100.00 | 6,840.00 | 13,468.43 | 7,050.53 | 356.59 | 112.42 | -167.06 | -986.67 | -15,682.34 | 1,691.48 | 1,547.62 | 143.86 | 11.758 | | |
| 19,200.00 | 6,840.00 | 13,471.17 | 7,050.49 | 359.30 | 112.47 | -167.70 | -983.94 | -15,682.42 | 1,592.51 | 1,448.63 | 143.88 | 11.069 | | |
| 19,300.00 | 6,840.00 | 13,473.98 | 7,050.45 | 362.00 | 112.51 | -168.37 | -981.13 | -15,682.50 | 1,493.67 | 1,349.77 | 143.91 | 10.380 | | |
| 19,400.00 | 6,840.00 | 13,476.84 | 7,050.41 | 364.71 | 112.56 | -169.06 | -978.27 | -15,682.59 | 1,395.00 | 1,251.04 | 143.95 | 9.691 | | |
| 19,500.00 | 6,840.00 | 13,479.78 | 7,050.36 | 367.41 | 112.61 | -169.76 | -975.34 | -15,682.68 | 1,296.51 | 1,152.48 | 144.04 | 9.001 | | |
| 19,600.00 | 6,840.00 | 13,482.78 | 7,050.32 | 370.11 | 112.66 | -170.49 | -972.33 | -15,682.77 | 1,198.27 | 1,054.10 | 144.17 | 8.312 | | |
| 19,700.00 | 6,840.00 | 13,485.86 | 7,050.28 | 372.82 | 112.71 | -171.24 | -969.26 | -15,682.86 | 1,100.34 | 955.96 | 144.38 | 7.621 | | |
| 19,800.00 | 6,840.00 | 13,489.01 | 7,050.23 | 375.53 | 112.77 | -172.01 | -966.11 | -15,682.96 | 1,002.80 | 858.09 | 144.71 | 6.930 | | |
| 19,900.00 | 6,840.00 | 13,492.24 | 7,050.19 | 378.23 | 112.82 | -172.80 | -962.88 | -15,683.06 | 905.79 | 760.57 | 145.22 | 6.237 | | |
| 20,000.00 | 6,840.00 | 13,495.55 | 7,050.14 | 380.94 | 112.88 | -173.61 | -959.57 | -15,683.17 | 809.49 | 663.47 | 146.03 | 5.543 | | |
| 20,100.00 | 6,840.00 | 13,498.95 | 7,050.09 | 383.64 | 112.93 | -174.45 | -956.17 | -15,683.28 | 714.19 | 566.92 | 147.27 | 4.849 | | |
| 20,200.00 | 6,840.00 | 13,502.43 | 7,050.04 | 386.35 | 112.99 | -175.31 | -952.69 | -15,683.40 | 620.36 | 471.15 | 149.20 | 4.158 | | |
| 20,300.00 | 6,840.00 | 13,506.01 | 7,049.99 | 389.05 | 113.05 | -176.20 | -949.12 | -15,683.52 | 528.76 | 376.60 | 152.16 | 3.475 | | |
| 20,400.00 | 6,840.00 | 13,509.68 | 7,049.94 | 391.76 | 113.11 | -177.11 | -945.46 | -15,683.64 | 440.79 | 284.24 | 156.55 | 2.816 | | |
| 20,442.82 | 6,840.00 | 13,511.28 | 7,049.92 | 392.92 | 113.14 | -177.51 | -943.86 | -15,683.70 | 404.83 | 245.89 | 158.94 | 2.547 | CC, ES, SF | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST VERT ANDERSON 41-27 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 5,700.00 | 5,384.87 | 5,251.87 | 5,251.87 | 37.29 | 90.70 | 48.09 | 2,699.35 | -10,913.87 | 9,980.56 | 9,858.73 | 121.83 | 81.925 | | |
| 5,800.00 | 5,477.84 | 5,344.84 | 5,344.84 | 38.06 | 92.33 | 48.24 | 2,699.35 | -10,913.87 | 9,955.01 | 9,830.90 | 124.11 | 80.210 | | |
| 5,900.00 | 5,570.81 | 5,437.81 | 5,437.81 | 38.82 | 93.95 | 48.39 | 2,699.35 | -10,913.87 | 9,929.53 | 9,803.12 | 126.40 | 78.556 | | |
| 6,000.00 | 5,663.78 | 5,530.78 | 5,530.78 | 39.59 | 95.57 | 48.54 | 2,699.35 | -10,913.87 | 9,904.12 | 9,775.42 | 128.69 | 76.960 | | |
| 6,100.00 | 5,756.75 | 5,623.75 | 5,623.75 | 40.35 | 97.19 | 48.70 | 2,699.35 | -10,913.87 | 9,878.78 | 9,747.79 | 130.98 | 75.420 | | |
| 6,200.00 | 5,849.71 | 5,716.71 | 5,716.71 | 41.12 | 98.82 | 48.85 | 2,699.35 | -10,913.87 | 9,853.51 | 9,720.23 | 133.28 | 73.931 | | |
| 6,300.00 | 5,942.68 | 5,809.68 | 5,809.68 | 41.88 | 100.44 | 49.01 | 2,699.35 | -10,913.87 | 9,828.32 | 9,692.74 | 135.58 | 72.493 | | |
| 6,400.00 | 6,035.65 | 5,902.65 | 5,902.65 | 42.64 | 102.06 | 49.16 | 2,699.35 | -10,913.87 | 9,803.20 | 9,665.32 | 137.87 | 71.102 | | |
| 6,500.00 | 6,128.62 | 6,004.38 | 5,995.62 | 43.41 | 103.84 | 49.32 | 2,699.35 | -10,913.87 | 9,778.15 | 9,637.83 | 140.33 | 69.680 | | |
| 6,600.00 | 6,221.59 | 6,088.59 | 6,088.59 | 44.17 | 105.31 | 49.48 | 2,699.35 | -10,913.87 | 9,753.19 | 9,610.71 | 142.48 | 68.453 | | |
| 6,700.00 | 6,314.55 | 6,181.55 | 6,181.55 | 44.94 | 106.93 | 49.64 | 2,699.35 | -10,913.87 | 9,728.29 | 9,583.51 | 144.78 | 67.192 | | |
| 6,800.00 | 6,407.52 | 6,274.52 | 6,274.52 | 45.70 | 108.55 | 49.79 | 2,699.35 | -10,913.87 | 9,703.47 | 9,556.38 | 147.09 | 65.969 | | |
| 6,900.00 | 6,499.98 | 6,366.98 | 6,366.98 | 46.49 | 110.16 | 46.31 | 2,699.35 | -10,913.87 | 9,677.42 | 9,528.02 | 149.40 | 64.774 | | |
| 7,000.00 | 6,586.50 | 6,453.50 | 6,453.50 | 47.49 | 111.67 | 42.06 | 2,699.35 | -10,913.87 | 9,638.93 | 9,487.22 | 151.71 | 63.535 | | |
| 7,100.00 | 6,663.58 | 6,530.58 | 6,530.58 | 48.75 | 113.02 | 41.67 | 2,699.35 | -10,913.87 | 9,586.47 | 9,432.53 | 153.94 | 62.272 | | |
| 7,200.00 | 6,728.87 | 6,604.13 | 6,595.87 | 50.23 | 114.30 | 44.19 | 2,699.35 | -10,913.87 | 9,521.68 | 9,365.50 | 156.18 | 60.967 | | |
| 7,300.00 | 6,780.38 | 6,647.38 | 6,647.38 | 51.91 | 115.06 | 49.88 | 2,699.35 | -10,913.87 | 9,446.55 | 9,288.65 | 157.91 | 59.824 | | |
| 7,400.00 | 6,816.56 | 6,683.56 | 6,683.56 | 53.74 | 115.69 | 59.92 | 2,699.35 | -10,913.87 | 9,363.39 | 9,203.89 | 159.50 | 58.704 | | |
| 7,500.00 | 6,836.29 | 6,703.29 | 6,703.29 | 55.65 | 116.03 | 76.01 | 2,699.35 | -10,913.87 | 9,274.73 | 9,113.96 | 160.77 | 57.689 | | |
| 7,600.00 | 6,840.00 | 6,707.00 | 6,707.00 | 57.58 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 9,183.30 | 9,021.60 | 161.70 | 56.793 | | |
| 7,700.00 | 6,840.00 | 6,707.00 | 6,707.00 | 59.56 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 9,091.65 | 8,929.09 | 162.57 | 55.926 | | |
| 7,800.00 | 6,840.00 | 6,707.00 | 6,707.00 | 61.60 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 9,000.18 | 8,836.72 | 163.47 | 55.058 | | |
| 7,900.00 | 6,840.00 | 6,707.00 | 6,707.00 | 63.69 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 8,908.90 | 8,744.49 | 164.40 | 54.189 | | |
| 8,000.00 | 6,840.00 | 6,707.00 | 6,707.00 | 65.82 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 8,817.80 | 8,652.43 | 165.38 | 53.320 | | |
| 8,100.00 | 6,840.00 | 6,707.00 | 6,707.00 | 67.99 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 8,726.90 | 8,560.52 | 166.38 | 52.450 | | |
| 8,200.00 | 6,840.00 | 6,707.00 | 6,707.00 | 70.21 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 8,636.20 | 8,468.77 | 167.43 | 51.582 | | |
| 8,300.00 | 6,840.00 | 6,707.00 | 6,707.00 | 72.45 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 8,545.71 | 8,377.20 | 168.51 | 50.714 | | |
| 8,400.00 | 6,840.00 | 6,707.00 | 6,707.00 | 74.73 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 8,455.43 | 8,285.81 | 169.62 | 49.848 | | |
| 8,500.00 | 6,840.00 | 6,707.00 | 6,707.00 | 77.04 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 8,365.37 | 8,194.59 | 170.78 | 48.984 | | |
| 8,600.00 | 6,840.00 | 6,707.00 | 6,707.00 | 79.38 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 8,275.54 | 8,103.57 | 171.97 | 48.122 | | |
| 8,700.00 | 6,840.00 | 6,707.00 | 6,707.00 | 81.74 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 8,185.95 | 8,012.75 | 173.20 | 47.262 | | |
| 8,800.00 | 6,840.00 | 6,707.00 | 6,707.00 | 84.12 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 8,096.60 | 7,922.13 | 174.47 | 46.406 | | |
| 8,900.00 | 6,840.00 | 6,707.00 | 6,707.00 | 86.52 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 8,007.50 | 7,831.72 | 175.79 | 45.552 | | |
| 9,000.00 | 6,840.00 | 6,707.00 | 6,707.00 | 88.94 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 7,918.67 | 7,741.53 | 177.14 | 44.703 | | |
| 9,100.00 | 6,840.00 | 6,707.00 | 6,707.00 | 91.38 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 7,830.10 | 7,651.57 | 178.53 | 43.858 | | |
| 9,200.00 | 6,840.00 | 6,707.00 | 6,707.00 | 93.83 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 7,741.81 | 7,561.84 | 179.97 | 43.017 | | |
| 9,300.00 | 6,840.00 | 6,707.00 | 6,707.00 | 96.30 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 7,653.81 | 7,472.36 | 181.45 | 42.181 | | |
| 9,400.00 | 6,840.00 | 6,707.00 | 6,707.00 | 98.79 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 7,566.11 | 7,383.13 | 182.97 | 41.351 | | |
| 9,500.00 | 6,840.00 | 6,707.00 | 6,707.00 | 101.28 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 7,478.71 | 7,294.17 | 184.54 | 40.526 | | |
| 9,600.00 | 6,840.00 | 6,707.00 | 6,707.00 | 103.79 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 7,391.64 | 7,205.48 | 186.16 | 39.706 | | |
| 9,700.00 | 6,840.00 | 6,707.00 | 6,707.00 | 106.30 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 7,304.89 | 7,117.07 | 187.82 | 38.893 | | |
| 9,800.00 | 6,840.00 | 6,707.00 | 6,707.00 | 108.83 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 7,218.49 | 7,028.96 | 189.53 | 38.087 | | |
| 9,900.00 | 6,840.00 | 6,707.00 | 6,707.00 | 111.37 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 7,132.45 | 6,941.16 | 191.28 | 37.287 | | |
| 10,000.00 | 6,840.00 | 6,707.00 | 6,707.00 | 113.91 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 7,046.77 | 6,853.68 | 193.09 | 36.495 | | |
| 10,100.00 | 6,840.00 | 6,707.00 | 6,707.00 | 116.47 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 6,961.47 | 6,766.53 | 194.95 | 35.710 | | |
| 10,200.00 | 6,840.00 | 6,707.00 | 6,707.00 | 119.03 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 6,876.57 | 6,679.72 | 196.86 | 34.932 | | |
| 10,300.00 | 6,840.00 | 6,707.00 | 6,707.00 | 121.59 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 6,792.09 | 6,593.27 | 198.82 | 34.163 | | |
| 10,400.00 | 6,840.00 | 6,707.00 | 6,707.00 | 124.17 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 6,708.02 | 6,507.19 | 200.83 | 33.401 | | |
| 10,500.00 | 6,840.00 | 6,707.00 | 6,707.00 | 126.75 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 6,624.41 | 6,421.50 | 202.90 | 32.648 | | |
| 10,600.00 | 6,840.00 | 6,707.00 | 6,707.00 | 129.34 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 6,541.25 | 6,336.22 | 205.03 | 31.904 | | |
| 10,700.00 | 6,840.00 | 6,707.00 | 6,707.00 | 131.93 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 6,458.57 | 6,251.36 | 207.21 | 31.169 | | |
| 10,800.00 | 6,840.00 | 6,707.00 | 6,707.00 | 134.53 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 6,376.38 | 6,166.93 | 209.45 | 30.443 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST VERT ANDERSON 41-27 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,900.00 | 6,840.00 | 6,707.00 | 6,707.00 | 137.13 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 6,294.71 | 6,082.96 | 211.75 | 29.727 | | |
| 11,000.00 | 6,840.00 | 6,707.00 | 6,707.00 | 139.73 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 6,213.58 | 5,999.47 | 214.11 | 29.020 | | |
| 11,100.00 | 6,840.00 | 6,707.00 | 6,707.00 | 142.35 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 6,133.00 | 5,916.47 | 216.53 | 28.324 | | |
| 11,200.00 | 6,840.00 | 6,707.00 | 6,707.00 | 144.96 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 6,053.01 | 5,833.99 | 219.02 | 27.637 | | |
| 11,300.00 | 6,840.00 | 6,707.00 | 6,707.00 | 147.58 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,973.61 | 5,752.05 | 221.57 | 26.961 | | |
| 11,400.00 | 6,840.00 | 6,707.00 | 6,707.00 | 150.20 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,894.85 | 5,670.67 | 224.18 | 26.295 | | |
| 11,500.00 | 6,840.00 | 6,707.00 | 6,707.00 | 152.83 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,816.73 | 5,589.87 | 226.86 | 25.640 | | |
| 11,600.00 | 6,840.00 | 6,707.00 | 6,707.00 | 155.46 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,739.30 | 5,509.69 | 229.61 | 24.996 | | |
| 11,700.00 | 6,840.00 | 6,707.00 | 6,707.00 | 158.09 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,662.57 | 5,430.15 | 232.43 | 24.363 | | |
| 11,800.00 | 6,840.00 | 6,707.00 | 6,707.00 | 160.73 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,586.58 | 5,351.27 | 235.31 | 23.741 | | |
| 11,900.00 | 6,840.00 | 6,707.00 | 6,707.00 | 163.36 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,511.36 | 5,273.09 | 238.26 | 23.131 | | |
| 12,000.00 | 6,840.00 | 6,707.00 | 6,707.00 | 166.01 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,436.93 | 5,195.64 | 241.29 | 22.533 | | |
| 12,100.00 | 6,840.00 | 6,707.00 | 6,707.00 | 168.65 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,363.34 | 5,118.96 | 244.38 | 21.947 | | |
| 12,200.00 | 6,840.00 | 6,707.00 | 6,707.00 | 171.30 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,290.61 | 5,043.06 | 247.55 | 21.372 | | |
| 12,300.00 | 6,840.00 | 6,707.00 | 6,707.00 | 173.94 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,218.79 | 4,968.00 | 250.79 | 20.810 | | |
| 12,400.00 | 6,840.00 | 6,707.00 | 6,707.00 | 176.59 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,147.90 | 4,893.80 | 254.10 | 20.260 | | |
| 12,500.00 | 6,840.00 | 6,707.00 | 6,707.00 | 179.25 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,078.00 | 4,820.52 | 257.48 | 19.722 | | |
| 12,600.00 | 6,840.00 | 6,707.00 | 6,707.00 | 181.90 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,009.11 | 4,748.18 | 260.93 | 19.197 | | |
| 12,700.00 | 6,840.00 | 6,707.00 | 6,707.00 | 184.56 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,941.29 | 4,676.84 | 264.45 | 18.685 | | |
| 12,800.00 | 6,840.00 | 6,707.00 | 6,707.00 | 187.22 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,874.58 | 4,606.53 | 268.05 | 18.186 | | |
| 12,900.00 | 6,840.00 | 6,707.00 | 6,707.00 | 189.88 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,809.02 | 4,537.32 | 271.71 | 17.699 | | |
| 13,000.00 | 6,840.00 | 6,707.00 | 6,707.00 | 192.54 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,744.67 | 4,469.23 | 275.44 | 17.226 | | |
| 13,100.00 | 6,840.00 | 6,707.00 | 6,707.00 | 195.20 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,681.56 | 4,402.33 | 279.23 | 16.766 | | |
| 13,200.00 | 6,840.00 | 6,707.00 | 6,707.00 | 197.87 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,619.76 | 4,336.68 | 283.08 | 16.319 | | |
| 13,300.00 | 6,840.00 | 6,707.00 | 6,707.00 | 200.53 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,559.32 | 4,272.32 | 287.00 | 15.886 | | |
| 13,400.00 | 6,840.00 | 6,707.00 | 6,707.00 | 203.20 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,500.28 | 4,209.31 | 290.97 | 15.466 | | |
| 13,500.00 | 6,840.00 | 6,707.00 | 6,707.00 | 205.87 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,442.71 | 4,147.72 | 294.99 | 15.060 | | |
| 13,600.00 | 6,840.00 | 6,707.00 | 6,707.00 | 208.54 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,386.67 | 4,087.60 | 299.06 | 14.668 | | |
| 13,700.00 | 6,840.00 | 6,707.00 | 6,707.00 | 211.22 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,332.21 | 4,029.03 | 303.18 | 14.289 | | |
| 13,800.00 | 6,840.00 | 6,707.00 | 6,707.00 | 213.89 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,279.39 | 3,972.06 | 307.33 | 13.925 | | |
| 13,900.00 | 6,840.00 | 6,707.00 | 6,707.00 | 216.56 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,228.28 | 3,916.77 | 311.51 | 13.574 | | |
| 14,000.00 | 6,840.00 | 6,707.00 | 6,707.00 | 219.24 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,178.94 | 3,863.23 | 315.71 | 13.237 | | |
| 14,100.00 | 6,840.00 | 6,707.00 | 6,707.00 | 221.92 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,131.43 | 3,811.50 | 319.93 | 12.914 | | |
| 14,200.00 | 6,840.00 | 6,707.00 | 6,707.00 | 224.59 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,085.81 | 3,761.66 | 324.15 | 12.605 | | |
| 14,300.00 | 6,840.00 | 6,707.00 | 6,707.00 | 227.27 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,042.15 | 3,713.78 | 328.37 | 12.310 | | |
| 14,400.00 | 6,840.00 | 6,707.00 | 6,707.00 | 229.95 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,000.52 | 3,667.94 | 332.58 | 12.029 | | |
| 14,500.00 | 6,840.00 | 6,707.00 | 6,707.00 | 232.63 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,960.98 | 3,624.21 | 336.77 | 11.762 | | |
| 14,600.00 | 6,840.00 | 6,707.00 | 6,707.00 | 235.31 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,923.58 | 3,582.66 | 340.92 | 11.509 | | |
| 14,700.00 | 6,840.00 | 6,707.00 | 6,707.00 | 238.00 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,888.40 | 3,543.37 | 345.03 | 11.270 | | |
| 14,800.00 | 6,840.00 | 6,707.00 | 6,707.00 | 240.68 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,855.49 | 3,506.41 | 349.08 | 11.045 | | |
| 14,900.00 | 6,840.00 | 6,707.00 | 6,707.00 | 243.36 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,824.92 | 3,471.86 | 353.06 | 10.834 | | |
| 15,000.00 | 6,840.00 | 6,707.00 | 6,707.00 | 246.05 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,796.73 | 3,439.77 | 356.96 | 10.636 | | |
| 15,100.00 | 6,840.00 | 6,707.00 | 6,707.00 | 248.74 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,770.98 | 3,410.22 | 360.76 | 10.453 | | |
| 15,200.00 | 6,840.00 | 6,707.00 | 6,707.00 | 251.42 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,747.73 | 3,383.28 | 364.45 | 10.283 | | |
| 15,300.00 | 6,840.00 | 6,707.00 | 6,707.00 | 254.11 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,727.02 | 3,358.99 | 368.02 | 10.127 | | |
| 15,400.00 | 6,840.00 | 6,707.00 | 6,707.00 | 256.80 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,708.88 | 3,337.42 | 371.46 | 9.985 | | |
| 15,500.00 | 6,840.00 | 6,707.00 | 6,707.00 | 259.49 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,693.37 | 3,318.61 | 374.76 | 9.855 | | |
| 15,600.00 | 6,840.00 | 6,707.00 | 6,707.00 | 262.17 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,680.51 | 3,302.62 | 377.89 | 9.740 | | |
| 15,700.00 | 6,840.00 | 6,707.00 | 6,707.00 | 264.86 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,670.33 | 3,289.47 | 380.86 | 9.637 | | |
| 15,800.00 | 6,840.00 | 6,707.00 | 6,707.00 | 267.55 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,662.85 | 3,279.20 | 383.65 | 9.547 | | |
| 15,900.00 | 6,840.00 | 6,707.00 | 6,707.00 | 270.25 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,658.09 | 3,271.83 | 386.26 | 9.471 | | |
| 16,000.00 | 6,840.00 | 6,707.00 | 6,707.00 | 272.94 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,656.06 | 3,267.39 | 388.68 | 9.406 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST VERT ANDERSON 41-27 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: 0.00 usft | |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|---------------------|------------------------|-------------------------|---------------------------|-------------------|------------------------------|--|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: 0.00 usft | |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | Centre +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 16,024.18 | 6,840.00 | 6,707.00 | 6,707.00 | 273.59 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,655.98 | 3,266.75 | 389.23 | 9.393 | CC | |
| 16,100.00 | 6,840.00 | 6,707.00 | 6,707.00 | 275.63 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,656.77 | 3,265.88 | 390.89 | 9.355 | ES | |
| 16,200.00 | 6,840.00 | 6,707.00 | 6,707.00 | 278.32 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,660.21 | 3,267.31 | 392.90 | 9.316 | | |
| 16,300.00 | 6,840.00 | 6,707.00 | 6,707.00 | 281.02 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,666.37 | 3,271.67 | 394.71 | 9.289 | | |
| 16,400.00 | 6,840.00 | 6,707.00 | 6,707.00 | 283.71 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,675.25 | 3,278.95 | 396.30 | 9.274 | | |
| 16,500.00 | 6,840.00 | 6,707.00 | 6,707.00 | 286.40 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,686.82 | 3,289.13 | 397.69 | 9.271 | SF | |
| 16,600.00 | 6,840.00 | 6,707.00 | 6,707.00 | 289.10 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,701.05 | 3,302.19 | 398.86 | 9.279 | | |
| 16,700.00 | 6,840.00 | 6,707.00 | 6,707.00 | 291.79 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,717.92 | 3,318.09 | 399.83 | 9.299 | | |
| 16,800.00 | 6,840.00 | 6,707.00 | 6,707.00 | 294.49 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,737.39 | 3,336.79 | 400.60 | 9.329 | | |
| 16,900.00 | 6,840.00 | 6,707.00 | 6,707.00 | 297.19 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,759.43 | 3,358.26 | 401.17 | 9.371 | | |
| 17,000.00 | 6,840.00 | 6,707.00 | 6,707.00 | 299.88 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,783.97 | 3,382.43 | 401.55 | 9.424 | | |
| 17,100.00 | 6,840.00 | 6,707.00 | 6,707.00 | 302.58 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,810.99 | 3,409.25 | 401.73 | 9.486 | | |
| 17,200.00 | 6,840.00 | 6,707.00 | 6,707.00 | 305.28 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,840.41 | 3,438.67 | 401.74 | 9.559 | | |
| 17,300.00 | 6,840.00 | 6,707.00 | 6,707.00 | 307.97 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,872.20 | 3,470.62 | 401.58 | 9.642 | | |
| 17,400.00 | 6,840.00 | 6,707.00 | 6,707.00 | 310.67 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,906.29 | 3,505.03 | 401.26 | 9.735 | | |
| 17,500.00 | 6,840.00 | 6,707.00 | 6,707.00 | 313.37 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,942.62 | 3,541.84 | 400.78 | 9.837 | | |
| 17,600.00 | 6,840.00 | 6,707.00 | 6,707.00 | 316.07 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 3,981.13 | 3,580.97 | 400.16 | 9.949 | | |
| 17,700.00 | 6,840.00 | 6,707.00 | 6,707.00 | 318.77 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,021.77 | 3,622.36 | 399.41 | 10.069 | | |
| 17,800.00 | 6,840.00 | 6,707.00 | 6,707.00 | 321.47 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,064.45 | 3,665.92 | 398.53 | 10.199 | | |
| 17,900.00 | 6,840.00 | 6,707.00 | 6,707.00 | 324.17 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,109.13 | 3,711.59 | 397.54 | 10.336 | | |
| 18,000.00 | 6,840.00 | 6,707.00 | 6,707.00 | 326.87 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,155.73 | 3,759.29 | 396.44 | 10.483 | | |
| 18,100.00 | 6,840.00 | 6,707.00 | 6,707.00 | 329.57 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,204.19 | 3,808.96 | 395.24 | 10.637 | | |
| 18,200.00 | 6,840.00 | 6,707.00 | 6,707.00 | 332.27 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,254.46 | 3,860.50 | 393.95 | 10.799 | | |
| 18,300.00 | 6,840.00 | 6,707.00 | 6,707.00 | 334.97 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,306.46 | 3,913.87 | 392.59 | 10.969 | | |
| 18,400.00 | 6,840.00 | 6,707.00 | 6,707.00 | 337.67 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,360.13 | 3,968.97 | 391.16 | 11.147 | | |
| 18,500.00 | 6,840.00 | 6,707.00 | 6,707.00 | 340.38 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,415.42 | 4,025.75 | 389.66 | 11.331 | | |
| 18,600.00 | 6,840.00 | 6,707.00 | 6,707.00 | 343.08 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,472.26 | 4,084.14 | 388.11 | 11.523 | | |
| 18,700.00 | 6,840.00 | 6,707.00 | 6,707.00 | 345.78 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,530.59 | 4,144.08 | 386.51 | 11.722 | | |
| 18,800.00 | 6,840.00 | 6,707.00 | 6,707.00 | 348.48 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,590.36 | 4,205.49 | 384.87 | 11.927 | | |
| 18,900.00 | 6,840.00 | 6,707.00 | 6,707.00 | 351.19 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,651.51 | 4,268.31 | 383.20 | 12.139 | | |
| 19,000.00 | 6,840.00 | 6,707.00 | 6,707.00 | 353.89 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,713.99 | 4,332.50 | 381.50 | 12.357 | | |
| 19,100.00 | 6,840.00 | 6,707.00 | 6,707.00 | 356.59 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,777.75 | 4,397.98 | 379.77 | 12.581 | | |
| 19,200.00 | 6,840.00 | 6,707.00 | 6,707.00 | 359.30 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,842.73 | 4,464.71 | 378.03 | 12.811 | | |
| 19,300.00 | 6,840.00 | 6,707.00 | 6,707.00 | 362.00 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,908.89 | 4,532.63 | 376.27 | 13.046 | | |
| 19,400.00 | 6,840.00 | 6,707.00 | 6,707.00 | 364.71 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 4,976.18 | 4,601.68 | 374.50 | 13.288 | | |
| 19,500.00 | 6,840.00 | 6,707.00 | 6,707.00 | 367.41 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,044.56 | 4,671.83 | 372.72 | 13.534 | | |
| 19,600.00 | 6,840.00 | 6,707.00 | 6,707.00 | 370.11 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,113.97 | 4,743.03 | 370.95 | 13.786 | | |
| 19,700.00 | 6,840.00 | 6,707.00 | 6,707.00 | 372.82 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,184.39 | 4,815.22 | 369.17 | 14.043 | | |
| 19,800.00 | 6,840.00 | 6,707.00 | 6,707.00 | 375.53 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,255.76 | 4,888.36 | 367.40 | 14.305 | | |
| 19,900.00 | 6,840.00 | 6,707.00 | 6,707.00 | 378.23 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,328.06 | 4,962.42 | 365.63 | 14.572 | | |
| 20,000.00 | 6,840.00 | 6,707.00 | 6,707.00 | 380.94 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,401.24 | 5,037.36 | 363.88 | 14.844 | | |
| 20,100.00 | 6,840.00 | 6,707.00 | 6,707.00 | 383.64 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,475.27 | 5,113.13 | 362.13 | 15.120 | | |
| 20,200.00 | 6,840.00 | 6,707.00 | 6,707.00 | 386.35 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,550.11 | 5,189.71 | 360.40 | 15.400 | | |
| 20,300.00 | 6,840.00 | 6,707.00 | 6,707.00 | 389.05 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,625.73 | 5,267.05 | 358.68 | 15.685 | | |
| 20,400.00 | 6,840.00 | 6,707.00 | 6,707.00 | 391.76 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,702.11 | 5,345.13 | 356.98 | 15.973 | | |
| 20,442.82 | 6,840.00 | 6,707.00 | 6,707.00 | 392.92 | 116.10 | 90.00 | 2,699.35 | -10,913.87 | 5,735.03 | 5,378.78 | 356.25 | 16.098 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST VERT HORN-LIBSACK 1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 4,800.00 | 4,548.16 | 4,423.16 | 4,423.16 | 30.43 | 76.24 | 28.39 | -450.29 | -11,219.94 | 9,972.04 | 9,874.26 | 97.78 | 101.987 | | |
| 4,900.00 | 4,641.13 | 4,516.13 | 4,516.13 | 31.19 | 77.86 | 28.49 | -450.29 | -11,219.94 | 9,939.14 | 9,839.21 | 99.93 | 99.464 | | |
| 5,000.00 | 4,734.10 | 4,609.10 | 4,609.10 | 31.95 | 79.48 | 28.59 | -450.29 | -11,219.94 | 9,906.26 | 9,804.18 | 102.08 | 97.047 | | |
| 5,100.00 | 4,827.07 | 4,702.07 | 4,702.07 | 32.71 | 81.11 | 28.69 | -450.29 | -11,219.94 | 9,873.41 | 9,769.19 | 104.23 | 94.728 | | |
| 5,200.00 | 4,920.04 | 4,804.96 | 4,795.04 | 33.48 | 82.90 | 28.79 | -450.29 | -11,219.94 | 9,840.60 | 9,734.04 | 106.56 | 92.352 | | |
| 5,300.00 | 5,013.00 | 4,888.00 | 4,888.00 | 34.24 | 84.35 | 28.89 | -450.29 | -11,219.94 | 9,807.81 | 9,699.27 | 108.54 | 90.364 | | |
| 5,400.00 | 5,105.97 | 4,980.97 | 4,980.97 | 35.00 | 85.97 | 29.00 | -450.29 | -11,219.94 | 9,775.05 | 9,664.35 | 110.69 | 88.307 | | |
| 5,500.00 | 5,198.94 | 5,073.94 | 5,073.94 | 35.77 | 87.60 | 29.10 | -450.29 | -11,219.94 | 9,742.32 | 9,629.46 | 112.85 | 86.328 | | |
| 5,600.00 | 5,291.91 | 5,166.91 | 5,166.91 | 36.53 | 89.22 | 29.20 | -450.29 | -11,219.94 | 9,709.61 | 9,594.60 | 115.01 | 84.423 | | |
| 5,700.00 | 5,384.87 | 5,259.87 | 5,259.87 | 37.29 | 90.84 | 29.31 | -450.29 | -11,219.94 | 9,676.94 | 9,559.77 | 117.17 | 82.587 | | |
| 5,800.00 | 5,477.84 | 5,352.84 | 5,352.84 | 38.06 | 92.46 | 29.41 | -450.29 | -11,219.94 | 9,644.30 | 9,524.96 | 119.34 | 80.817 | | |
| 5,900.00 | 5,570.81 | 5,445.81 | 5,445.81 | 38.82 | 94.09 | 29.52 | -450.29 | -11,219.94 | 9,611.69 | 9,490.19 | 121.50 | 79.109 | | |
| 6,000.00 | 5,663.78 | 5,538.78 | 5,538.78 | 39.59 | 95.71 | 29.63 | -450.29 | -11,219.94 | 9,579.10 | 9,455.44 | 123.67 | 77.460 | | |
| 6,100.00 | 5,756.75 | 5,631.75 | 5,631.75 | 40.35 | 97.33 | 29.73 | -450.29 | -11,219.94 | 9,546.55 | 9,420.72 | 125.83 | 75.867 | | |
| 6,200.00 | 5,849.71 | 5,724.71 | 5,724.71 | 41.12 | 98.96 | 29.84 | -450.29 | -11,219.94 | 9,514.04 | 9,386.03 | 128.00 | 74.327 | | |
| 6,300.00 | 5,942.68 | 5,817.68 | 5,817.68 | 41.88 | 100.58 | 29.95 | -450.29 | -11,219.94 | 9,481.55 | 9,351.37 | 130.17 | 72.838 | | |
| 6,400.00 | 6,035.65 | 5,910.65 | 5,910.65 | 42.64 | 102.20 | 30.06 | -450.29 | -11,219.94 | 9,449.09 | 9,316.75 | 132.35 | 71.397 | | |
| 6,500.00 | 6,128.62 | 6,003.62 | 6,003.62 | 43.41 | 103.82 | 30.17 | -450.29 | -11,219.94 | 9,416.67 | 9,282.15 | 134.52 | 70.002 | | |
| 6,600.00 | 6,221.59 | 6,103.42 | 6,096.59 | 44.17 | 105.56 | 30.28 | -450.29 | -11,219.94 | 9,384.28 | 9,247.46 | 136.81 | 68.591 | | |
| 6,700.00 | 6,314.55 | 6,189.55 | 6,189.55 | 44.94 | 107.07 | 30.39 | -450.29 | -11,219.94 | 9,351.92 | 9,213.05 | 138.87 | 67.341 | | |
| 6,800.00 | 6,407.52 | 6,282.52 | 6,282.52 | 45.70 | 108.69 | 30.51 | -450.29 | -11,219.94 | 9,319.60 | 9,178.54 | 141.05 | 66.072 | | |
| 6,900.00 | 6,499.98 | 6,374.98 | 6,374.98 | 46.49 | 110.30 | 26.59 | -450.29 | -11,219.94 | 9,285.93 | 9,142.70 | 143.23 | 64.833 | | |
| 7,000.00 | 6,586.50 | 6,461.50 | 6,461.50 | 47.49 | 111.81 | 20.90 | -450.29 | -11,219.94 | 9,239.17 | 9,093.85 | 145.33 | 63.576 | | |
| 7,100.00 | 6,663.58 | 6,538.58 | 6,538.58 | 48.75 | 113.16 | 18.20 | -450.29 | -11,219.94 | 9,177.86 | 9,030.61 | 147.25 | 62.329 | | |
| 7,200.00 | 6,728.87 | 6,603.87 | 6,603.87 | 50.23 | 114.30 | 17.22 | -450.29 | -11,219.94 | 9,103.84 | 8,954.92 | 148.92 | 61.132 | | |
| 7,300.00 | 6,780.38 | 6,655.38 | 6,655.38 | 51.91 | 115.20 | 17.79 | -450.29 | -11,219.94 | 9,019.36 | 8,869.08 | 150.28 | 60.018 | | |
| 7,400.00 | 6,816.56 | 6,708.44 | 6,691.56 | 53.74 | 116.12 | 20.95 | -450.29 | -11,219.94 | 8,926.97 | 8,775.41 | 151.56 | 58.899 | | |
| 7,500.00 | 6,836.29 | 6,711.29 | 6,711.29 | 55.65 | 116.17 | 34.35 | -450.29 | -11,219.94 | 8,829.48 | 8,677.62 | 151.86 | 58.142 | | |
| 7,600.00 | 6,840.00 | 6,715.00 | 6,715.00 | 57.58 | 116.24 | 90.00 | -450.29 | -11,219.94 | 8,729.83 | 8,577.76 | 152.06 | 57.409 | | |
| 7,700.00 | 6,840.00 | 6,715.00 | 6,715.00 | 59.56 | 116.24 | 90.00 | -450.29 | -11,219.94 | 8,629.99 | 8,477.82 | 152.18 | 56.711 | | |
| 7,800.00 | 6,840.00 | 6,715.00 | 6,715.00 | 61.60 | 116.24 | 90.00 | -450.29 | -11,219.94 | 8,530.17 | 8,377.88 | 152.29 | 56.012 | | |
| 7,900.00 | 6,840.00 | 6,715.00 | 6,715.00 | 63.69 | 116.24 | 90.00 | -450.29 | -11,219.94 | 8,430.35 | 8,277.93 | 152.41 | 55.313 | | |
| 8,000.00 | 6,840.00 | 6,715.00 | 6,715.00 | 65.82 | 116.24 | 90.00 | -450.29 | -11,219.94 | 8,330.53 | 8,177.99 | 152.54 | 54.613 | | |
| 8,100.00 | 6,840.00 | 6,715.00 | 6,715.00 | 67.99 | 116.24 | 90.00 | -450.29 | -11,219.94 | 8,230.71 | 8,078.05 | 152.66 | 53.914 | | |
| 8,200.00 | 6,840.00 | 6,715.00 | 6,715.00 | 70.21 | 116.24 | 90.00 | -450.29 | -11,219.94 | 8,130.90 | 7,978.11 | 152.80 | 53.214 | | |
| 8,300.00 | 6,840.00 | 6,715.00 | 6,715.00 | 72.45 | 116.24 | 90.00 | -450.29 | -11,219.94 | 8,031.10 | 7,878.17 | 152.93 | 52.514 | | |
| 8,400.00 | 6,840.00 | 6,715.00 | 6,715.00 | 74.73 | 116.24 | 90.00 | -450.29 | -11,219.94 | 7,931.30 | 7,778.23 | 153.07 | 51.814 | | |
| 8,500.00 | 6,840.00 | 6,715.00 | 6,715.00 | 77.04 | 116.24 | 90.00 | -450.29 | -11,219.94 | 7,831.50 | 7,678.29 | 153.22 | 51.113 | | |
| 8,600.00 | 6,840.00 | 6,715.00 | 6,715.00 | 79.38 | 116.24 | 90.00 | -450.29 | -11,219.94 | 7,731.72 | 7,578.35 | 153.37 | 50.413 | | |
| 8,700.00 | 6,840.00 | 6,715.00 | 6,715.00 | 81.74 | 116.24 | 90.00 | -450.29 | -11,219.94 | 7,631.93 | 7,478.41 | 153.52 | 49.712 | | |
| 8,800.00 | 6,840.00 | 6,715.00 | 6,715.00 | 84.12 | 116.24 | 90.00 | -450.29 | -11,219.94 | 7,532.15 | 7,378.47 | 153.68 | 49.011 | | |
| 8,900.00 | 6,840.00 | 6,715.00 | 6,715.00 | 86.52 | 116.24 | 90.00 | -450.29 | -11,219.94 | 7,432.38 | 7,278.54 | 153.85 | 48.310 | | |
| 9,000.00 | 6,840.00 | 6,715.00 | 6,715.00 | 88.94 | 116.24 | 90.00 | -450.29 | -11,219.94 | 7,332.62 | 7,178.60 | 154.02 | 47.609 | | |
| 9,100.00 | 6,840.00 | 6,715.00 | 6,715.00 | 91.38 | 116.24 | 90.00 | -450.29 | -11,219.94 | 7,232.86 | 7,078.66 | 154.19 | 46.908 | | |
| 9,200.00 | 6,840.00 | 6,715.00 | 6,715.00 | 93.83 | 116.24 | 90.00 | -450.29 | -11,219.94 | 7,133.10 | 6,978.73 | 154.37 | 46.207 | | |
| 9,300.00 | 6,840.00 | 6,715.00 | 6,715.00 | 96.30 | 116.24 | 90.00 | -450.29 | -11,219.94 | 7,033.36 | 6,878.80 | 154.56 | 45.505 | | |
| 9,400.00 | 6,840.00 | 6,715.00 | 6,715.00 | 98.79 | 116.24 | 90.00 | -450.29 | -11,219.94 | 6,933.62 | 6,778.87 | 154.75 | 44.804 | | |
| 9,500.00 | 6,840.00 | 6,715.00 | 6,715.00 | 101.28 | 116.24 | 90.00 | -450.29 | -11,219.94 | 6,833.89 | 6,678.93 | 154.96 | 44.102 | | |
| 9,600.00 | 6,840.00 | 6,715.00 | 6,715.00 | 103.79 | 116.24 | 90.00 | -450.29 | -11,219.94 | 6,734.17 | 6,579.00 | 155.16 | 43.401 | | |
| 9,700.00 | 6,840.00 | 6,715.00 | 6,715.00 | 106.30 | 116.24 | 90.00 | -450.29 | -11,219.94 | 6,634.45 | 6,479.07 | 155.38 | 42.699 | | |
| 9,800.00 | 6,840.00 | 6,715.00 | 6,715.00 | 108.83 | 116.24 | 90.00 | -450.29 | -11,219.94 | 6,534.75 | 6,379.15 | 155.60 | 41.997 | | |
| 9,900.00 | 6,840.00 | 6,715.00 | 6,715.00 | 111.37 | 116.24 | 90.00 | -450.29 | -11,219.94 | 6,435.05 | 6,279.22 | 155.83 | 41.295 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST VERT HORN-LIBSACK 1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,000.00 | 6,840.00 | 6,715.00 | 6,715.00 | 113.91 | 116.24 | 90.00 | -450.29 | -11,219.94 | 6,335.36 | 6,179.29 | 156.07 | 40.593 | | |
| 10,100.00 | 6,840.00 | 6,715.00 | 6,715.00 | 116.47 | 116.24 | 90.00 | -450.29 | -11,219.94 | 6,235.69 | 6,079.37 | 156.32 | 39.891 | | |
| 10,200.00 | 6,840.00 | 6,715.00 | 6,715.00 | 119.03 | 116.24 | 90.00 | -450.29 | -11,219.94 | 6,136.02 | 5,979.45 | 156.58 | 39.189 | | |
| 10,300.00 | 6,840.00 | 6,715.00 | 6,715.00 | 121.59 | 116.24 | 90.00 | -450.29 | -11,219.94 | 6,036.37 | 5,879.52 | 156.84 | 38.487 | | |
| 10,400.00 | 6,840.00 | 6,715.00 | 6,715.00 | 124.17 | 116.24 | 90.00 | -450.29 | -11,219.94 | 5,936.72 | 5,779.60 | 157.12 | 37.785 | | |
| 10,500.00 | 6,840.00 | 6,715.00 | 6,715.00 | 126.75 | 116.24 | 90.00 | -450.29 | -11,219.94 | 5,837.09 | 5,679.68 | 157.41 | 37.082 | | |
| 10,600.00 | 6,840.00 | 6,715.00 | 6,715.00 | 129.34 | 116.24 | 90.00 | -450.29 | -11,219.94 | 5,737.47 | 5,579.76 | 157.71 | 36.380 | | |
| 10,700.00 | 6,840.00 | 6,715.00 | 6,715.00 | 131.93 | 116.24 | 90.00 | -450.29 | -11,219.94 | 5,637.87 | 5,479.85 | 158.02 | 35.678 | | |
| 10,800.00 | 6,840.00 | 6,715.00 | 6,715.00 | 134.53 | 116.24 | 90.00 | -450.29 | -11,219.94 | 5,538.28 | 5,379.93 | 158.35 | 34.976 | | |
| 10,900.00 | 6,840.00 | 6,715.00 | 6,715.00 | 137.13 | 116.24 | 90.00 | -450.29 | -11,219.94 | 5,438.70 | 5,280.02 | 158.68 | 34.274 | | |
| 11,000.00 | 6,840.00 | 6,715.00 | 6,715.00 | 139.73 | 116.24 | 90.00 | -450.29 | -11,219.94 | 5,339.14 | 5,180.10 | 159.04 | 33.572 | | |
| 11,100.00 | 6,840.00 | 6,715.00 | 6,715.00 | 142.35 | 116.24 | 90.00 | -450.29 | -11,219.94 | 5,239.60 | 5,080.19 | 159.40 | 32.870 | | |
| 11,200.00 | 6,840.00 | 6,715.00 | 6,715.00 | 144.96 | 116.24 | 90.00 | -450.29 | -11,219.94 | 5,140.07 | 4,980.28 | 159.79 | 32.168 | | |
| 11,300.00 | 6,840.00 | 6,715.00 | 6,715.00 | 147.58 | 116.24 | 90.00 | -450.29 | -11,219.94 | 5,040.56 | 4,880.37 | 160.19 | 31.466 | | |
| 11,400.00 | 6,840.00 | 6,715.00 | 6,715.00 | 150.20 | 116.24 | 90.00 | -450.29 | -11,219.94 | 4,941.08 | 4,780.47 | 160.61 | 30.764 | | |
| 11,500.00 | 6,840.00 | 6,715.00 | 6,715.00 | 152.83 | 116.24 | 90.00 | -450.29 | -11,219.94 | 4,841.61 | 4,680.56 | 161.05 | 30.063 | | |
| 11,600.00 | 6,840.00 | 6,715.00 | 6,715.00 | 155.46 | 116.24 | 90.00 | -450.29 | -11,219.94 | 4,742.17 | 4,580.66 | 161.51 | 29.361 | | |
| 11,700.00 | 6,840.00 | 6,715.00 | 6,715.00 | 158.09 | 116.24 | 90.00 | -450.29 | -11,219.94 | 4,642.75 | 4,480.76 | 161.99 | 28.660 | | |
| 11,800.00 | 6,840.00 | 6,715.00 | 6,715.00 | 160.73 | 116.24 | 90.00 | -450.29 | -11,219.94 | 4,543.36 | 4,380.85 | 162.50 | 27.959 | | |
| 11,900.00 | 6,840.00 | 6,715.00 | 6,715.00 | 163.36 | 116.24 | 90.00 | -450.29 | -11,219.94 | 4,443.99 | 4,280.96 | 163.03 | 27.258 | | |
| 12,000.00 | 6,840.00 | 6,715.00 | 6,715.00 | 166.01 | 116.24 | 90.00 | -450.29 | -11,219.94 | 4,344.65 | 4,181.06 | 163.59 | 26.558 | | |
| 12,100.00 | 6,840.00 | 6,715.00 | 6,715.00 | 168.65 | 116.24 | 90.00 | -450.29 | -11,219.94 | 4,245.34 | 4,081.16 | 164.18 | 25.857 | | |
| 12,200.00 | 6,840.00 | 6,715.00 | 6,715.00 | 171.30 | 116.24 | 90.00 | -450.29 | -11,219.94 | 4,146.07 | 3,981.27 | 164.80 | 25.158 | | |
| 12,300.00 | 6,840.00 | 6,715.00 | 6,715.00 | 173.94 | 116.24 | 90.00 | -450.29 | -11,219.94 | 4,046.83 | 3,881.37 | 165.46 | 24.458 | | |
| 12,400.00 | 6,840.00 | 6,715.00 | 6,715.00 | 176.59 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,947.64 | 3,781.48 | 166.15 | 23.759 | | |
| 12,500.00 | 6,840.00 | 6,715.00 | 6,715.00 | 179.25 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,848.48 | 3,681.59 | 166.89 | 23.061 | | |
| 12,600.00 | 6,840.00 | 6,715.00 | 6,715.00 | 181.90 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,749.37 | 3,581.70 | 167.66 | 22.363 | | |
| 12,700.00 | 6,840.00 | 6,715.00 | 6,715.00 | 184.56 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,650.30 | 3,481.82 | 168.49 | 21.665 | | |
| 12,800.00 | 6,840.00 | 6,715.00 | 6,715.00 | 187.22 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,551.29 | 3,381.93 | 169.36 | 20.969 | | |
| 12,900.00 | 6,840.00 | 6,715.00 | 6,715.00 | 189.88 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,452.33 | 3,282.04 | 170.29 | 20.273 | | |
| 13,000.00 | 6,840.00 | 6,715.00 | 6,715.00 | 192.54 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,353.44 | 3,182.16 | 171.28 | 19.578 | | |
| 13,100.00 | 6,840.00 | 6,715.00 | 6,715.00 | 195.20 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,254.62 | 3,082.27 | 172.34 | 18.885 | | |
| 13,200.00 | 6,840.00 | 6,715.00 | 6,715.00 | 197.87 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,155.87 | 2,982.39 | 173.47 | 18.192 | | |
| 13,300.00 | 6,840.00 | 6,715.00 | 6,715.00 | 200.53 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,057.20 | 2,882.51 | 174.69 | 17.501 | | |
| 13,400.00 | 6,840.00 | 6,715.00 | 6,715.00 | 203.20 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,958.61 | 2,782.63 | 175.99 | 16.811 | | |
| 13,500.00 | 6,840.00 | 6,715.00 | 6,715.00 | 205.87 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,860.13 | 2,682.74 | 177.39 | 16.124 | | |
| 13,600.00 | 6,840.00 | 6,715.00 | 6,715.00 | 208.54 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,761.76 | 2,582.86 | 178.90 | 15.438 | | |
| 13,700.00 | 6,840.00 | 6,715.00 | 6,715.00 | 211.22 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,663.51 | 2,482.98 | 180.53 | 14.754 | | |
| 13,800.00 | 6,840.00 | 6,715.00 | 6,715.00 | 213.89 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,565.39 | 2,383.10 | 182.29 | 14.073 | | |
| 13,900.00 | 6,840.00 | 6,715.00 | 6,715.00 | 216.56 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,467.43 | 2,283.22 | 184.21 | 13.395 | | |
| 14,000.00 | 6,840.00 | 6,715.00 | 6,715.00 | 219.24 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,369.63 | 2,183.34 | 186.29 | 12.720 | | |
| 14,100.00 | 6,840.00 | 6,715.00 | 6,715.00 | 221.92 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,272.03 | 2,083.46 | 188.57 | 12.049 | | |
| 14,200.00 | 6,840.00 | 6,715.00 | 6,715.00 | 224.59 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,174.64 | 1,983.58 | 191.06 | 11.382 | | |
| 14,300.00 | 6,840.00 | 6,715.00 | 6,715.00 | 227.27 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,077.50 | 1,883.71 | 193.80 | 10.720 | | |
| 14,400.00 | 6,840.00 | 6,715.00 | 6,715.00 | 229.95 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,980.65 | 1,783.84 | 196.81 | 10.064 | | |
| 14,500.00 | 6,840.00 | 6,715.00 | 6,715.00 | 232.63 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,884.13 | 1,683.98 | 200.15 | 9.414 | | |
| 14,600.00 | 6,840.00 | 6,715.00 | 6,715.00 | 235.31 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,787.99 | 1,584.13 | 203.86 | 8.771 | | |
| 14,700.00 | 6,840.00 | 6,715.00 | 6,715.00 | 238.00 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,692.29 | 1,484.30 | 207.99 | 8.136 | | |
| 14,800.00 | 6,840.00 | 6,715.00 | 6,715.00 | 240.68 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,597.13 | 1,384.50 | 212.63 | 7.511 | | |
| 14,900.00 | 6,840.00 | 6,715.00 | 6,715.00 | 243.36 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,502.59 | 1,284.75 | 217.84 | 6.898 | | |
| 15,000.00 | 6,840.00 | 6,715.00 | 6,715.00 | 246.05 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,408.80 | 1,185.06 | 223.74 | 6.297 | | |
| 15,100.00 | 6,840.00 | 6,715.00 | 6,715.00 | 248.74 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,315.93 | 1,085.49 | 230.45 | 5.710 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST VERT HORN-LIBSACK 1 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: 0.00 usft | |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|------------------------------|--|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: 0.00 usft | |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,200.00 | 6,840.00 | 6,715.00 | 6,715.00 | 251.42 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,224.19 | 986.08 | 238.11 | 5.141 | | |
| 15,300.00 | 6,840.00 | 6,715.00 | 6,715.00 | 254.11 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,133.84 | 886.93 | 246.91 | 4.592 | | |
| 15,400.00 | 6,840.00 | 6,715.00 | 6,715.00 | 256.80 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,045.25 | 788.19 | 257.06 | 4.066 | | |
| 15,500.00 | 6,840.00 | 6,715.00 | 6,715.00 | 259.49 | 116.24 | 90.00 | -450.29 | -11,219.94 | 958.91 | 690.10 | 268.81 | 3.567 | | |
| 15,600.00 | 6,840.00 | 6,715.00 | 6,715.00 | 262.17 | 116.24 | 90.00 | -450.29 | -11,219.94 | 875.48 | 593.07 | 282.41 | 3.100 | | |
| 15,700.00 | 6,840.00 | 6,715.00 | 6,715.00 | 264.86 | 116.24 | 90.00 | -450.29 | -11,219.94 | 795.88 | 497.79 | 298.09 | 2.670 | | |
| 15,800.00 | 6,840.00 | 6,715.00 | 6,715.00 | 267.55 | 116.24 | 90.00 | -450.29 | -11,219.94 | 721.38 | 405.44 | 315.94 | 2.283 | | |
| 15,900.00 | 6,840.00 | 6,715.00 | 6,715.00 | 270.25 | 116.24 | 90.00 | -450.29 | -11,219.94 | 653.72 | 318.02 | 335.70 | 1.947 | | |
| 16,000.00 | 6,840.00 | 6,715.00 | 6,715.00 | 272.94 | 116.24 | 90.00 | -450.29 | -11,219.94 | 595.23 | 238.84 | 356.40 | 1.670 | | |
| 16,100.00 | 6,840.00 | 6,715.00 | 6,715.00 | 275.63 | 116.24 | 90.00 | -450.29 | -11,219.94 | 548.87 | 172.98 | 375.90 | 1.460 | Level 3 | |
| 16,200.00 | 6,840.00 | 6,715.00 | 6,715.00 | 278.32 | 116.24 | 90.00 | -450.29 | -11,219.94 | 517.90 | 127.15 | 390.75 | 1.325 | Level 3 | |
| 16,300.00 | 6,840.00 | 6,715.00 | 6,715.00 | 281.02 | 116.24 | 90.00 | -450.29 | -11,219.94 | 505.15 | 107.99 | 397.16 | 1.272 | Level 3 | |
| 16,315.21 | 6,840.00 | 6,715.00 | 6,715.00 | 281.43 | 116.24 | 90.00 | -450.29 | -11,219.94 | 504.92 | 107.70 | 397.22 | 1.271 | Level 3, CC, ES, SF | |
| 16,400.00 | 6,840.00 | 6,715.00 | 6,715.00 | 283.71 | 116.24 | 90.00 | -450.29 | -11,219.94 | 511.99 | 118.93 | 393.06 | 1.303 | Level 3 | |
| 16,500.00 | 6,840.00 | 6,715.00 | 6,715.00 | 286.40 | 116.24 | 90.00 | -450.29 | -11,219.94 | 537.67 | 158.00 | 379.67 | 1.416 | Level 3 | |
| 16,600.00 | 6,840.00 | 6,715.00 | 6,715.00 | 289.10 | 116.24 | 90.00 | -450.29 | -11,219.94 | 579.70 | 219.12 | 360.58 | 1.608 | | |
| 16,700.00 | 6,840.00 | 6,715.00 | 6,715.00 | 291.79 | 116.24 | 90.00 | -450.29 | -11,219.94 | 634.83 | 295.32 | 339.51 | 1.870 | | |
| 16,800.00 | 6,840.00 | 6,715.00 | 6,715.00 | 294.49 | 116.24 | 90.00 | -450.29 | -11,219.94 | 699.98 | 380.99 | 318.99 | 2.194 | | |
| 16,900.00 | 6,840.00 | 6,715.00 | 6,715.00 | 297.19 | 116.24 | 90.00 | -450.29 | -11,219.94 | 772.61 | 472.32 | 300.29 | 2.573 | | |
| 17,000.00 | 6,840.00 | 6,715.00 | 6,715.00 | 299.88 | 116.24 | 90.00 | -450.29 | -11,219.94 | 850.81 | 567.00 | 283.81 | 2.998 | | |
| 17,100.00 | 6,840.00 | 6,715.00 | 6,715.00 | 302.58 | 116.24 | 90.00 | -450.29 | -11,219.94 | 933.19 | 663.67 | 269.52 | 3.462 | | |
| 17,200.00 | 6,840.00 | 6,715.00 | 6,715.00 | 305.28 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,018.72 | 761.53 | 257.20 | 3.961 | | |
| 17,300.00 | 6,840.00 | 6,715.00 | 6,715.00 | 307.97 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,106.69 | 860.10 | 246.58 | 4.488 | | |
| 17,400.00 | 6,840.00 | 6,715.00 | 6,715.00 | 310.67 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,196.54 | 959.12 | 237.42 | 5.040 | | |
| 17,500.00 | 6,840.00 | 6,715.00 | 6,715.00 | 313.37 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,287.89 | 1,058.41 | 229.48 | 5.612 | | |
| 17,600.00 | 6,840.00 | 6,715.00 | 6,715.00 | 316.07 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,380.45 | 1,157.88 | 222.57 | 6.202 | | |
| 17,700.00 | 6,840.00 | 6,715.00 | 6,715.00 | 318.77 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,473.97 | 1,257.45 | 216.52 | 6.807 | | |
| 17,800.00 | 6,840.00 | 6,715.00 | 6,715.00 | 321.47 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,568.29 | 1,357.09 | 211.21 | 7.425 | | |
| 17,900.00 | 6,840.00 | 6,715.00 | 6,715.00 | 324.17 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,663.28 | 1,456.76 | 206.52 | 8.054 | | |
| 18,000.00 | 6,840.00 | 6,715.00 | 6,715.00 | 326.87 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,758.82 | 1,556.47 | 202.36 | 8.692 | | |
| 18,100.00 | 6,840.00 | 6,715.00 | 6,715.00 | 329.57 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,854.84 | 1,656.18 | 198.65 | 9.337 | | |
| 18,200.00 | 6,840.00 | 6,715.00 | 6,715.00 | 332.27 | 116.24 | 90.00 | -450.29 | -11,219.94 | 1,951.25 | 1,755.91 | 195.34 | 9.989 | | |
| 18,300.00 | 6,840.00 | 6,715.00 | 6,715.00 | 334.97 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,048.01 | 1,855.63 | 192.38 | 10.646 | | |
| 18,400.00 | 6,840.00 | 6,715.00 | 6,715.00 | 337.67 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,145.06 | 1,955.36 | 189.71 | 11.307 | | |
| 18,500.00 | 6,840.00 | 6,715.00 | 6,715.00 | 340.38 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,242.38 | 2,055.08 | 187.30 | 11.972 | | |
| 18,600.00 | 6,840.00 | 6,715.00 | 6,715.00 | 343.08 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,339.92 | 2,154.80 | 185.12 | 12.640 | | |
| 18,700.00 | 6,840.00 | 6,715.00 | 6,715.00 | 345.78 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,437.66 | 2,254.51 | 183.14 | 13.310 | | |
| 18,800.00 | 6,840.00 | 6,715.00 | 6,715.00 | 348.48 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,535.57 | 2,354.23 | 181.35 | 13.982 | | |
| 18,900.00 | 6,840.00 | 6,715.00 | 6,715.00 | 351.19 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,633.64 | 2,453.93 | 179.71 | 14.655 | | |
| 19,000.00 | 6,840.00 | 6,715.00 | 6,715.00 | 353.89 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,731.86 | 2,553.64 | 178.22 | 15.329 | | |
| 19,100.00 | 6,840.00 | 6,715.00 | 6,715.00 | 356.59 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,830.19 | 2,653.34 | 176.85 | 16.003 | | |
| 19,200.00 | 6,840.00 | 6,715.00 | 6,715.00 | 359.30 | 116.24 | 90.00 | -450.29 | -11,219.94 | 2,928.64 | 2,753.04 | 175.60 | 16.678 | | |
| 19,300.00 | 6,840.00 | 6,715.00 | 6,715.00 | 362.00 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,027.20 | 2,852.74 | 174.45 | 17.352 | | |
| 19,400.00 | 6,840.00 | 6,715.00 | 6,715.00 | 364.71 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,125.84 | 2,952.44 | 173.40 | 18.027 | | |
| 19,500.00 | 6,840.00 | 6,715.00 | 6,715.00 | 367.41 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,224.57 | 3,052.13 | 172.43 | 18.701 | | |
| 19,600.00 | 6,840.00 | 6,715.00 | 6,715.00 | 370.11 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,323.37 | 3,151.83 | 171.54 | 19.374 | | |
| 19,700.00 | 6,840.00 | 6,715.00 | 6,715.00 | 372.82 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,422.24 | 3,251.52 | 170.72 | 20.046 | | |
| 19,800.00 | 6,840.00 | 6,715.00 | 6,715.00 | 375.53 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,521.18 | 3,351.22 | 169.96 | 20.718 | | |
| 19,900.00 | 6,840.00 | 6,715.00 | 6,715.00 | 378.23 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,620.17 | 3,450.91 | 169.26 | 21.388 | | |
| 20,000.00 | 6,840.00 | 6,715.00 | 6,715.00 | 380.94 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,719.22 | 3,550.61 | 168.62 | 22.057 | | |
| 20,100.00 | 6,840.00 | 6,715.00 | 6,715.00 | 383.64 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,818.32 | 3,650.30 | 168.02 | 22.726 | | |
| 20,200.00 | 6,840.00 | 6,715.00 | 6,715.00 | 386.35 | 116.24 | 90.00 | -450.29 | -11,219.94 | 3,917.47 | 3,750.00 | 167.47 | 23.393 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST VERT HORN-LIBSACK 1 - OWB - Design #1 | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 20,300.00 | 6,840.00 | 6,715.00 | 6,715.00 | 389.05 | 116.24 | 90.00 | -450.29 | -11,219.94 | 4,016.65 | 3,849.70 | 166.95 | 24.058 | |
| 20,400.00 | 6,840.00 | 6,715.00 | 6,715.00 | 391.76 | 116.24 | 90.00 | -450.29 | -11,219.94 | 4,115.88 | 3,949.40 | 166.48 | 24.723 | |
| 20,442.82 | 6,840.00 | 6,715.00 | 6,715.00 | 392.92 | 116.24 | 90.00 | -450.29 | -11,219.94 | 4,158.37 | 3,992.08 | 166.29 | 25.007 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST VERT OSTER 13-27 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 9,800.00 | 6,840.00 | 6,674.45 | 6,673.68 | 108.83 | 1.66 | 82.71 | -318.62 | -14,611.81 | 9,927.39 | 9,887.19 | 40.20 | 246.976 | | |
| 9,900.00 | 6,840.00 | 6,674.96 | 6,674.20 | 111.37 | 1.66 | 82.76 | -318.63 | -14,611.81 | 9,927.59 | 9,787.23 | 40.36 | 243.479 | | |
| 10,000.00 | 6,840.00 | 6,675.48 | 6,674.71 | 113.91 | 1.66 | 82.81 | -318.63 | -14,611.82 | 9,927.80 | 9,687.26 | 40.53 | 239.987 | | |
| 10,100.00 | 6,840.00 | 6,676.00 | 6,675.24 | 116.47 | 1.66 | 82.86 | -318.64 | -14,611.82 | 9,928.00 | 9,587.29 | 40.71 | 236.501 | | |
| 10,200.00 | 6,840.00 | 6,676.53 | 6,675.76 | 119.03 | 1.66 | 82.90 | -318.64 | -14,611.82 | 9,928.22 | 9,487.33 | 40.89 | 233.019 | | |
| 10,300.00 | 6,840.00 | 6,677.06 | 6,676.29 | 121.59 | 1.66 | 82.95 | -318.65 | -14,611.83 | 9,928.44 | 9,387.36 | 41.07 | 229.543 | | |
| 10,400.00 | 6,840.00 | 6,677.59 | 6,676.83 | 124.17 | 1.66 | 83.00 | -318.65 | -14,611.83 | 9,928.66 | 9,287.39 | 41.26 | 226.072 | | |
| 10,500.00 | 6,840.00 | 6,678.13 | 6,677.36 | 126.75 | 1.66 | 83.05 | -318.66 | -14,611.84 | 9,928.89 | 9,187.43 | 41.46 | 222.608 | | |
| 10,600.00 | 6,840.00 | 6,678.67 | 6,677.91 | 129.34 | 1.66 | 83.10 | -318.66 | -14,611.84 | 9,929.12 | 9,087.46 | 41.66 | 219.151 | | |
| 10,700.00 | 6,840.00 | 6,679.22 | 6,678.46 | 131.93 | 1.66 | 83.15 | -318.67 | -14,611.85 | 9,929.35 | 8,987.49 | 41.86 | 215.700 | | |
| 10,800.00 | 6,840.00 | 6,679.78 | 6,679.01 | 134.53 | 1.66 | 83.20 | -318.67 | -14,611.85 | 8,929.60 | 8,887.53 | 42.07 | 212.256 | | |
| 10,900.00 | 6,840.00 | 6,680.33 | 6,679.57 | 137.13 | 1.66 | 83.25 | -318.68 | -14,611.86 | 8,829.84 | 8,787.56 | 42.28 | 208.819 | | |
| 11,000.00 | 6,840.00 | 6,680.89 | 6,680.13 | 139.73 | 1.66 | 83.30 | -318.68 | -14,611.86 | 8,730.10 | 8,687.59 | 42.50 | 205.390 | | |
| 11,100.00 | 6,840.00 | 6,681.46 | 6,680.70 | 142.35 | 1.66 | 83.35 | -318.69 | -14,611.87 | 8,630.36 | 8,587.63 | 42.73 | 201.969 | | |
| 11,200.00 | 6,840.00 | 6,682.03 | 6,681.27 | 144.96 | 1.66 | 83.40 | -318.69 | -14,611.87 | 8,530.62 | 8,487.66 | 42.96 | 198.557 | | |
| 11,300.00 | 6,840.00 | 6,682.61 | 6,681.84 | 147.58 | 1.66 | 83.46 | -318.70 | -14,611.88 | 8,430.89 | 8,387.69 | 43.20 | 195.153 | | |
| 11,400.00 | 6,840.00 | 6,683.19 | 6,682.43 | 150.20 | 1.66 | 83.51 | -318.70 | -14,611.88 | 8,331.17 | 8,287.73 | 43.45 | 191.758 | | |
| 11,500.00 | 6,840.00 | 6,683.78 | 6,683.01 | 152.83 | 1.66 | 83.56 | -318.71 | -14,611.89 | 8,231.46 | 8,187.76 | 43.70 | 188.372 | | |
| 11,600.00 | 6,840.00 | 6,684.37 | 6,683.60 | 155.46 | 1.66 | 83.62 | -318.71 | -14,611.90 | 8,131.75 | 8,087.79 | 43.96 | 184.996 | | |
| 11,700.00 | 6,840.00 | 6,684.97 | 6,684.20 | 158.09 | 1.66 | 83.67 | -318.72 | -14,611.91 | 8,032.05 | 7,987.82 | 44.22 | 181.630 | | |
| 11,800.00 | 6,840.00 | 6,685.57 | 6,684.80 | 160.73 | 1.66 | 83.73 | -318.72 | -14,611.91 | 7,932.35 | 7,887.86 | 44.50 | 178.274 | | |
| 11,900.00 | 6,840.00 | 6,686.18 | 6,685.41 | 163.36 | 1.66 | 83.78 | -318.73 | -14,611.91 | 7,832.67 | 7,787.89 | 44.78 | 174.929 | | |
| 12,000.00 | 6,840.00 | 6,686.79 | 6,686.02 | 166.01 | 1.66 | 83.84 | -318.73 | -14,611.92 | 7,732.99 | 7,687.92 | 45.07 | 171.595 | | |
| 12,100.00 | 6,840.00 | 6,687.41 | 6,686.64 | 168.65 | 1.66 | 83.89 | -318.74 | -14,611.92 | 7,633.32 | 7,587.96 | 45.36 | 168.272 | | |
| 12,200.00 | 6,840.00 | 6,688.03 | 6,687.27 | 171.30 | 1.66 | 83.95 | -318.75 | -14,611.93 | 7,533.66 | 7,487.99 | 45.67 | 164.961 | | |
| 12,300.00 | 6,840.00 | 6,688.66 | 6,687.90 | 173.94 | 1.66 | 84.01 | -318.75 | -14,611.94 | 7,434.01 | 7,388.02 | 45.98 | 161.663 | | |
| 12,400.00 | 6,840.00 | 6,689.30 | 6,688.53 | 176.59 | 1.66 | 84.07 | -318.76 | -14,611.94 | 7,334.36 | 7,288.05 | 46.31 | 158.376 | | |
| 12,500.00 | 6,840.00 | 6,689.94 | 6,689.17 | 179.25 | 1.66 | 84.12 | -318.76 | -14,611.95 | 7,234.73 | 7,188.08 | 46.64 | 155.103 | | |
| 12,600.00 | 6,840.00 | 6,700.00 | 6,699.23 | 181.90 | 1.66 | 85.04 | -318.85 | -14,612.05 | 7,135.12 | 7,088.15 | 46.97 | 151.920 | | |
| 12,700.00 | 6,840.00 | 6,700.00 | 6,699.23 | 184.56 | 1.66 | 85.04 | -318.85 | -14,612.05 | 7,035.50 | 6,988.18 | 47.32 | 148.668 | | |
| 12,800.00 | 6,840.00 | 6,700.00 | 6,699.23 | 187.22 | 1.66 | 85.04 | -318.85 | -14,612.05 | 6,935.90 | 6,888.21 | 47.69 | 145.430 | | |
| 12,900.00 | 6,840.00 | 6,700.00 | 6,699.23 | 189.88 | 1.66 | 85.04 | -318.85 | -14,612.05 | 6,836.31 | 6,788.24 | 48.07 | 142.206 | | |
| 13,000.00 | 6,840.00 | 6,700.00 | 6,699.23 | 192.54 | 1.66 | 85.04 | -318.85 | -14,612.05 | 6,736.73 | 6,688.27 | 48.47 | 138.997 | | |
| 13,100.00 | 6,840.00 | 6,700.00 | 6,699.23 | 195.20 | 1.66 | 85.04 | -318.85 | -14,612.05 | 6,637.17 | 6,588.29 | 48.87 | 135.804 | | |
| 13,200.00 | 6,840.00 | 6,700.00 | 6,699.23 | 197.87 | 1.66 | 85.04 | -318.85 | -14,612.05 | 6,537.61 | 6,488.32 | 49.29 | 132.627 | | |
| 13,300.00 | 6,840.00 | 6,700.00 | 6,699.23 | 200.53 | 1.66 | 85.04 | -318.85 | -14,612.05 | 6,438.07 | 6,388.35 | 49.73 | 129.466 | | |
| 13,400.00 | 6,840.00 | 6,700.00 | 6,699.23 | 203.20 | 1.66 | 85.04 | -318.85 | -14,612.05 | 6,338.55 | 6,288.37 | 50.18 | 126.322 | | |
| 13,500.00 | 6,840.00 | 6,700.00 | 6,699.23 | 205.87 | 1.66 | 85.04 | -318.85 | -14,612.05 | 6,239.04 | 6,188.40 | 50.64 | 123.196 | | |
| 13,600.00 | 6,840.00 | 6,700.00 | 6,699.23 | 208.54 | 1.66 | 85.04 | -318.85 | -14,612.05 | 6,139.55 | 6,088.42 | 51.13 | 120.088 | | |
| 13,700.00 | 6,840.00 | 6,700.00 | 6,699.23 | 211.22 | 1.66 | 85.04 | -318.85 | -14,612.05 | 6,040.07 | 5,988.45 | 51.63 | 116.998 | | |
| 13,800.00 | 6,840.00 | 6,700.00 | 6,699.23 | 213.89 | 1.66 | 85.04 | -318.85 | -14,612.05 | 5,940.61 | 5,888.47 | 52.14 | 113.928 | | |
| 13,900.00 | 6,840.00 | 6,700.00 | 6,699.23 | 216.56 | 1.66 | 85.04 | -318.85 | -14,612.05 | 5,841.17 | 5,788.49 | 52.68 | 110.877 | | |
| 14,000.00 | 6,840.00 | 6,700.00 | 6,699.23 | 219.24 | 1.66 | 85.04 | -318.85 | -14,612.05 | 5,741.75 | 5,688.51 | 53.24 | 107.847 | | |
| 14,100.00 | 6,840.00 | 6,700.00 | 6,699.23 | 221.92 | 1.66 | 85.04 | -318.85 | -14,612.05 | 5,642.35 | 5,588.53 | 53.82 | 104.838 | | |
| 14,200.00 | 6,840.00 | 6,700.00 | 6,699.23 | 224.59 | 1.66 | 85.04 | -318.85 | -14,612.05 | 5,542.97 | 5,488.55 | 54.42 | 101.850 | | |
| 14,300.00 | 6,840.00 | 6,700.00 | 6,699.23 | 227.27 | 1.66 | 85.04 | -318.85 | -14,612.05 | 5,443.62 | 5,388.57 | 55.05 | 98.885 | | |
| 14,400.00 | 6,840.00 | 6,700.00 | 6,699.23 | 229.95 | 1.66 | 85.04 | -318.85 | -14,612.05 | 5,344.29 | 5,288.58 | 55.70 | 95.943 | | |
| 14,500.00 | 6,840.00 | 6,700.00 | 6,699.23 | 232.63 | 1.66 | 85.04 | -318.85 | -14,612.05 | 5,244.98 | 5,188.60 | 56.38 | 93.025 | | |
| 14,600.00 | 6,840.00 | 6,700.00 | 6,699.23 | 235.31 | 1.66 | 85.04 | -318.85 | -14,612.05 | 5,145.70 | 5,088.61 | 57.09 | 90.131 | | |
| 14,700.00 | 6,840.00 | 6,700.00 | 6,699.23 | 238.00 | 1.66 | 85.04 | -318.85 | -14,612.05 | 5,046.45 | 4,988.62 | 57.83 | 87.263 | | |
| 14,800.00 | 6,840.00 | 6,700.00 | 6,699.23 | 240.68 | 1.66 | 85.04 | -318.85 | -14,612.05 | 4,947.23 | 4,888.63 | 58.60 | 84.421 | | |
| 14,900.00 | 6,840.00 | 6,700.00 | 6,699.23 | 243.36 | 1.66 | 85.04 | -318.85 | -14,612.05 | 4,848.04 | 4,788.63 | 59.41 | 81.606 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST VERT OSTER 13-27 GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,000.00 | 6,840.00 | 6,700.00 | 6,699.23 | 246.05 | 1.66 | 85.04 | -318.85 | -14,612.05 | 4,748.89 | 4,688.63 | 60.25 | 78.818 | | |
| 15,100.00 | 6,840.00 | 6,700.00 | 6,699.23 | 248.74 | 1.66 | 85.04 | -318.85 | -14,612.05 | 4,649.77 | 4,588.63 | 61.13 | 76.059 | | |
| 15,200.00 | 6,840.00 | 6,700.00 | 6,699.23 | 251.42 | 1.66 | 85.04 | -318.85 | -14,612.05 | 4,550.69 | 4,488.63 | 62.06 | 73.330 | | |
| 15,300.00 | 6,840.00 | 6,700.00 | 6,699.23 | 254.11 | 1.66 | 85.04 | -318.85 | -14,612.05 | 4,451.65 | 4,388.62 | 63.03 | 70.632 | | |
| 15,400.00 | 6,840.00 | 6,700.00 | 6,699.23 | 256.80 | 1.66 | 85.04 | -318.85 | -14,612.05 | 4,352.65 | 4,288.61 | 64.04 | 67.965 | | |
| 15,500.00 | 6,840.00 | 6,700.00 | 6,699.23 | 259.49 | 1.66 | 85.04 | -318.85 | -14,612.05 | 4,253.70 | 4,188.59 | 65.11 | 65.331 | | |
| 15,600.00 | 6,840.00 | 6,700.00 | 6,699.23 | 262.17 | 1.66 | 85.04 | -318.85 | -14,612.05 | 4,154.81 | 4,088.57 | 66.23 | 62.730 | | |
| 15,700.00 | 6,840.00 | 6,700.00 | 6,699.23 | 264.86 | 1.66 | 85.04 | -318.85 | -14,612.05 | 4,055.96 | 3,988.55 | 67.42 | 60.164 | | |
| 15,800.00 | 6,840.00 | 6,700.00 | 6,699.23 | 267.55 | 1.66 | 85.04 | -318.85 | -14,612.05 | 3,957.18 | 3,888.52 | 68.66 | 57.634 | | |
| 15,900.00 | 6,840.00 | 6,700.00 | 6,699.23 | 270.25 | 1.66 | 85.04 | -318.85 | -14,612.05 | 3,858.46 | 3,788.48 | 69.97 | 55.141 | | |
| 16,000.00 | 6,840.00 | 6,700.00 | 6,699.23 | 272.94 | 1.66 | 85.04 | -318.85 | -14,612.05 | 3,759.80 | 3,688.44 | 71.36 | 52.686 | | |
| 16,100.00 | 6,840.00 | 6,713.56 | 6,712.80 | 275.63 | 1.67 | 86.29 | -318.96 | -14,612.20 | 3,661.18 | 3,588.41 | 72.76 | 50.316 | | |
| 16,200.00 | 6,840.00 | 6,714.33 | 6,713.56 | 278.32 | 1.67 | 86.36 | -318.96 | -14,612.21 | 3,562.67 | 3,488.35 | 74.31 | 47.941 | | |
| 16,300.00 | 6,840.00 | 6,715.11 | 6,714.34 | 281.02 | 1.67 | 86.43 | -318.97 | -14,612.22 | 3,464.24 | 3,388.29 | 75.96 | 45.608 | | |
| 16,400.00 | 6,840.00 | 6,715.90 | 6,715.13 | 283.71 | 1.67 | 86.51 | -318.97 | -14,612.23 | 3,365.91 | 3,288.21 | 77.70 | 43.317 | | |
| 16,500.00 | 6,840.00 | 6,716.71 | 6,715.94 | 286.40 | 1.67 | 86.58 | -318.98 | -14,612.24 | 3,267.68 | 3,188.12 | 79.56 | 41.072 | | |
| 16,600.00 | 6,840.00 | 6,717.53 | 6,716.77 | 289.10 | 1.67 | 86.66 | -318.98 | -14,612.25 | 3,169.56 | 3,088.02 | 81.54 | 38.872 | | |
| 16,700.00 | 6,840.00 | 6,718.37 | 6,717.61 | 291.79 | 1.67 | 86.73 | -318.99 | -14,612.26 | 3,071.56 | 2,987.91 | 83.65 | 36.719 | | |
| 16,800.00 | 6,840.00 | 6,719.23 | 6,718.46 | 294.49 | 1.67 | 86.81 | -319.00 | -14,612.28 | 2,973.70 | 2,887.79 | 85.91 | 34.615 | | |
| 16,900.00 | 6,840.00 | 6,720.10 | 6,719.33 | 297.19 | 1.67 | 86.89 | -319.00 | -14,612.29 | 2,875.98 | 2,787.65 | 88.33 | 32.561 | | |
| 17,000.00 | 6,840.00 | 6,721.00 | 6,720.23 | 299.88 | 1.67 | 86.97 | -319.01 | -14,612.30 | 2,778.42 | 2,687.50 | 90.92 | 30.559 | | |
| 17,100.00 | 6,840.00 | 6,721.90 | 6,721.13 | 302.58 | 1.67 | 87.06 | -319.01 | -14,612.31 | 2,681.04 | 2,587.33 | 93.71 | 28.610 | | |
| 17,200.00 | 6,840.00 | 6,722.83 | 6,722.06 | 305.28 | 1.67 | 87.14 | -319.02 | -14,612.32 | 2,583.86 | 2,487.15 | 96.72 | 26.716 | | |
| 17,300.00 | 6,840.00 | 6,723.78 | 6,723.01 | 307.97 | 1.67 | 87.23 | -319.02 | -14,612.34 | 2,486.91 | 2,386.94 | 99.96 | 24.878 | | |
| 17,400.00 | 6,840.00 | 6,724.74 | 6,723.97 | 310.67 | 1.67 | 87.32 | -319.03 | -14,612.35 | 2,390.20 | 2,286.72 | 103.48 | 23.099 | | |
| 17,500.00 | 6,840.00 | 6,725.73 | 6,724.96 | 313.37 | 1.67 | 87.41 | -319.03 | -14,612.36 | 2,293.78 | 2,186.49 | 107.29 | 21.378 | | |
| 17,600.00 | 6,840.00 | 6,726.74 | 6,725.97 | 316.07 | 1.67 | 87.50 | -319.04 | -14,612.38 | 2,197.68 | 2,086.23 | 111.45 | 19.720 | | |
| 17,700.00 | 6,840.00 | 6,727.77 | 6,727.00 | 318.77 | 1.67 | 87.60 | -319.04 | -14,612.39 | 2,101.93 | 1,985.96 | 115.98 | 18.123 | | |
| 17,800.00 | 6,840.00 | 6,728.82 | 6,728.05 | 321.47 | 1.67 | 87.70 | -319.05 | -14,612.41 | 2,006.61 | 1,885.67 | 120.94 | 16.592 | | |
| 17,900.00 | 6,840.00 | 6,729.89 | 6,729.12 | 324.17 | 1.67 | 87.79 | -319.05 | -14,612.43 | 1,911.76 | 1,785.37 | 126.39 | 15.126 | | |
| 18,000.00 | 6,840.00 | 6,730.99 | 6,730.22 | 326.87 | 1.67 | 87.90 | -319.06 | -14,612.44 | 1,817.46 | 1,685.07 | 132.39 | 13.728 | | |
| 18,100.00 | 6,840.00 | 6,732.11 | 6,731.34 | 329.57 | 1.67 | 88.00 | -319.06 | -14,612.46 | 1,723.80 | 1,584.78 | 139.02 | 12.400 | | |
| 18,200.00 | 6,840.00 | 6,733.26 | 6,732.49 | 332.27 | 1.67 | 88.11 | -319.07 | -14,612.48 | 1,630.90 | 1,484.52 | 146.38 | 11.142 | | |
| 18,300.00 | 6,840.00 | 6,734.44 | 6,733.67 | 334.97 | 1.67 | 88.21 | -319.07 | -14,612.49 | 1,538.88 | 1,384.32 | 154.57 | 9.956 | | |
| 18,400.00 | 6,840.00 | 6,735.64 | 6,734.87 | 337.67 | 1.67 | 88.32 | -319.07 | -14,612.51 | 1,447.93 | 1,284.21 | 163.71 | 8.844 | | |
| 18,500.00 | 6,840.00 | 6,736.87 | 6,736.10 | 340.38 | 1.67 | 88.44 | -319.08 | -14,612.53 | 1,358.24 | 1,184.28 | 173.96 | 7.808 | | |
| 18,600.00 | 6,840.00 | 6,738.13 | 6,737.36 | 343.08 | 1.67 | 88.55 | -319.08 | -14,612.55 | 1,270.09 | 1,084.61 | 185.48 | 6.848 | | |
| 18,700.00 | 6,840.00 | 6,739.42 | 6,738.65 | 345.78 | 1.67 | 88.67 | -319.09 | -14,612.57 | 1,183.83 | 985.39 | 198.44 | 5.966 | | |
| 18,800.00 | 6,840.00 | 6,740.74 | 6,739.97 | 348.48 | 1.67 | 88.80 | -319.09 | -14,612.59 | 1,099.89 | 886.85 | 213.05 | 5.163 | | |
| 18,900.00 | 6,840.00 | 6,742.09 | 6,741.32 | 351.19 | 1.67 | 88.92 | -319.10 | -14,612.62 | 1,018.86 | 789.39 | 229.47 | 4.440 | | |
| 19,000.00 | 6,840.00 | 6,743.48 | 6,742.71 | 353.89 | 1.67 | 89.05 | -319.10 | -14,612.64 | 941.47 | 693.65 | 247.83 | 3.799 | | |
| 19,100.00 | 6,840.00 | 6,744.90 | 6,744.13 | 356.59 | 1.67 | 89.18 | -319.10 | -14,612.66 | 868.72 | 600.60 | 268.11 | 3.240 | | |
| 19,200.00 | 6,840.00 | 6,746.36 | 6,745.59 | 359.30 | 1.67 | 89.31 | -319.11 | -14,612.69 | 801.85 | 511.80 | 290.05 | 2.765 | | |
| 19,300.00 | 6,840.00 | 6,747.86 | 6,747.08 | 362.00 | 1.67 | 89.45 | -319.11 | -14,612.71 | 742.46 | 429.57 | 312.89 | 2.373 | | |
| 19,400.00 | 6,840.00 | 6,749.39 | 6,748.62 | 364.71 | 1.67 | 89.60 | -319.11 | -14,612.74 | 692.48 | 357.28 | 335.20 | 2.066 | | |
| 19,500.00 | 6,840.00 | 6,750.97 | 6,750.20 | 367.41 | 1.67 | 89.74 | -319.11 | -14,612.77 | 654.07 | 299.35 | 354.72 | 1.844 | | |
| 19,600.00 | 6,840.00 | 6,752.59 | 6,751.81 | 370.11 | 1.67 | 89.89 | -319.12 | -14,612.80 | 629.35 | 260.73 | 368.62 | 1.707 | | |
| 19,700.00 | 6,840.00 | 6,754.25 | 6,753.48 | 372.82 | 1.67 | 90.04 | -319.12 | -14,612.83 | 619.96 | 245.64 | 374.32 | 1.656 | | |
| 19,708.69 | 6,840.00 | 6,754.40 | 6,753.62 | 373.05 | 1.67 | 90.06 | -319.12 | -14,612.83 | 619.90 | 245.52 | 374.37 | 1.656 CC, ES, SF | | |
| 19,800.00 | 6,840.00 | 6,755.96 | 6,755.19 | 375.53 | 1.67 | 90.20 | -319.12 | -14,612.86 | 626.58 | 255.96 | 370.62 | 1.691 | | |
| 19,900.00 | 6,840.00 | 6,757.72 | 6,756.94 | 378.23 | 1.67 | 90.36 | -319.12 | -14,612.89 | 648.74 | 290.38 | 358.36 | 1.810 | | |
| 20,000.00 | 6,840.00 | 6,759.53 | 6,758.75 | 380.94 | 1.67 | 90.53 | -319.12 | -14,612.93 | 684.91 | 344.98 | 339.93 | 2.015 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST VERT OSTER 13-27 GYRO - OWB - GYRO | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 20,100.00 | 6,840.00 | 6,761.38 | 6,760.61 | 383.64 | 1.67 | 90.70 | -319.12 | -14,612.96 | 733.04 | 414.83 | 318.21 | 2.304 | |
| 20,200.00 | 6,840.00 | 6,763.30 | 6,762.52 | 386.35 | 1.67 | 90.88 | -319.12 | -14,613.00 | 790.93 | 495.36 | 295.57 | 2.676 | |
| 20,300.00 | 6,840.00 | 6,765.27 | 6,764.49 | 389.05 | 1.68 | 91.06 | -319.12 | -14,613.04 | 856.62 | 583.01 | 273.61 | 3.131 | |
| 20,400.00 | 6,840.00 | 6,767.30 | 6,766.52 | 391.76 | 1.68 | 91.25 | -319.12 | -14,613.08 | 928.45 | 675.26 | 253.18 | 3.667 | |
| 20,442.82 | 6,840.00 | 6,768.19 | 6,767.41 | 392.92 | 1.68 | 91.33 | -319.12 | -14,613.10 | 960.74 | 715.74 | 245.00 | 3.921 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST VERT OSTER 13-27B GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 10,300.00 | 6,840.00 | 6,917.09 | 6,915.96 | 121.59 | 1.82 | 98.02 | 113.24 | -15,055.62 | 9,910.44 | 9,866.51 | 43.94 | 225.559 | | |
| 10,400.00 | 6,840.00 | 6,916.21 | 6,915.09 | 124.17 | 1.82 | 97.97 | 113.24 | -15,055.63 | 9,811.02 | 9,766.79 | 44.24 | 221.786 | | |
| 10,500.00 | 6,840.00 | 6,915.32 | 6,914.20 | 126.75 | 1.82 | 97.93 | 113.24 | -15,055.65 | 9,711.62 | 9,667.07 | 44.54 | 218.025 | | |
| 10,600.00 | 6,840.00 | 10,600.00 | 6,903.71 | 129.34 | 2.18 | 97.36 | 113.25 | -15,055.82 | 9,612.24 | 9,567.40 | 44.84 | 214.362 | | |
| 10,700.00 | 6,840.00 | 10,700.00 | 6,902.27 | 131.93 | 2.20 | 97.29 | 113.25 | -15,055.84 | 9,512.85 | 9,467.69 | 45.17 | 210.624 | | |
| 10,800.00 | 6,840.00 | 10,800.00 | 6,900.83 | 134.53 | 2.21 | 97.21 | 113.25 | -15,055.86 | 9,413.48 | 9,367.98 | 45.50 | 206.900 | | |
| 10,900.00 | 6,840.00 | 10,900.00 | 6,899.39 | 137.13 | 2.22 | 97.13 | 113.24 | -15,055.88 | 9,314.12 | 9,268.28 | 45.84 | 203.189 | | |
| 11,000.00 | 6,840.00 | 11,000.00 | 6,897.96 | 139.73 | 2.24 | 97.05 | 113.24 | -15,055.90 | 9,214.78 | 9,168.58 | 46.19 | 199.494 | | |
| 11,100.00 | 6,840.00 | 11,100.00 | 6,896.52 | 142.35 | 2.25 | 96.98 | 113.24 | -15,055.92 | 9,115.44 | 9,068.89 | 46.55 | 195.813 | | |
| 11,200.00 | 6,840.00 | 11,200.00 | 6,895.08 | 144.96 | 2.26 | 96.90 | 113.24 | -15,055.94 | 9,016.13 | 8,969.20 | 46.92 | 192.148 | | |
| 11,300.00 | 6,840.00 | 11,300.00 | 6,893.64 | 147.58 | 2.28 | 96.82 | 113.23 | -15,055.96 | 8,916.83 | 8,869.52 | 47.30 | 188.500 | | |
| 11,400.00 | 6,840.00 | 6,918.12 | 6,916.99 | 150.20 | 1.82 | 98.08 | 113.23 | -15,055.59 | 8,817.53 | 8,769.83 | 47.70 | 184.862 | | |
| 11,500.00 | 6,840.00 | 6,915.48 | 6,914.35 | 152.83 | 1.82 | 97.93 | 113.23 | -15,055.63 | 8,718.26 | 8,670.16 | 48.10 | 181.239 | | |
| 11,600.00 | 6,840.00 | 6,912.86 | 6,911.74 | 155.46 | 1.82 | 97.79 | 113.24 | -15,055.68 | 8,619.01 | 8,570.49 | 48.52 | 177.635 | | |
| 11,700.00 | 6,840.00 | 6,910.28 | 6,909.16 | 158.09 | 1.82 | 97.66 | 113.24 | -15,055.72 | 8,519.78 | 8,470.83 | 48.95 | 174.050 | | |
| 11,800.00 | 6,840.00 | 6,907.73 | 6,906.61 | 160.73 | 1.82 | 97.52 | 113.24 | -15,055.76 | 8,420.57 | 8,371.18 | 49.39 | 170.486 | | |
| 11,900.00 | 6,840.00 | 6,905.21 | 6,904.09 | 163.36 | 1.82 | 97.38 | 113.24 | -15,055.80 | 8,321.37 | 8,271.52 | 49.85 | 166.942 | | |
| 12,000.00 | 6,840.00 | 6,902.71 | 6,901.59 | 166.01 | 1.82 | 97.25 | 113.24 | -15,055.84 | 8,222.19 | 8,171.88 | 50.31 | 163.420 | | |
| 12,100.00 | 6,840.00 | 6,900.24 | 6,899.12 | 168.65 | 1.82 | 97.12 | 113.24 | -15,055.88 | 8,123.04 | 8,072.24 | 50.79 | 159.919 | | |
| 12,200.00 | 6,840.00 | 6,897.80 | 6,896.68 | 171.30 | 1.82 | 96.99 | 113.24 | -15,055.92 | 8,023.90 | 7,972.61 | 51.29 | 156.442 | | |
| 12,300.00 | 6,840.00 | 6,895.39 | 6,894.27 | 173.94 | 1.82 | 96.86 | 113.24 | -15,055.96 | 7,924.78 | 7,872.98 | 51.80 | 152.987 | | |
| 12,400.00 | 6,840.00 | 6,893.00 | 6,891.88 | 176.59 | 1.82 | 96.73 | 113.25 | -15,056.00 | 7,825.69 | 7,773.36 | 52.33 | 149.557 | | |
| 12,500.00 | 6,840.00 | 6,890.64 | 6,889.52 | 179.25 | 1.82 | 96.60 | 113.25 | -15,056.04 | 7,726.62 | 7,673.75 | 52.87 | 146.152 | | |
| 12,600.00 | 6,840.00 | 6,888.31 | 6,887.19 | 181.90 | 1.82 | 96.48 | 113.25 | -15,056.07 | 7,627.57 | 7,574.14 | 53.43 | 142.771 | | |
| 12,700.00 | 6,840.00 | 6,886.00 | 6,884.88 | 184.56 | 1.82 | 96.35 | 113.24 | -15,056.11 | 7,528.55 | 7,474.55 | 54.00 | 139.417 | | |
| 12,800.00 | 6,840.00 | 6,883.71 | 6,882.59 | 187.22 | 1.82 | 96.23 | 113.24 | -15,056.15 | 7,429.55 | 7,374.96 | 54.59 | 136.089 | | |
| 12,900.00 | 6,840.00 | 6,881.45 | 6,880.33 | 189.88 | 1.82 | 96.11 | 113.24 | -15,056.18 | 7,330.58 | 7,275.37 | 55.20 | 132.789 | | |
| 13,000.00 | 6,840.00 | 6,879.21 | 6,878.09 | 192.54 | 1.82 | 95.98 | 113.24 | -15,056.22 | 7,231.64 | 7,175.80 | 55.84 | 129.517 | | |
| 13,100.00 | 6,840.00 | 6,877.00 | 6,875.88 | 195.20 | 1.82 | 95.87 | 113.24 | -15,056.25 | 7,132.72 | 7,076.24 | 56.49 | 126.273 | | |
| 13,200.00 | 6,840.00 | 6,874.81 | 6,873.69 | 197.87 | 1.82 | 95.75 | 113.24 | -15,056.28 | 7,033.84 | 6,976.68 | 57.16 | 123.058 | | |
| 13,300.00 | 6,840.00 | 6,872.64 | 6,871.52 | 200.53 | 1.82 | 95.63 | 113.24 | -15,056.32 | 6,934.99 | 6,877.13 | 57.85 | 119.873 | | |
| 13,400.00 | 6,840.00 | 6,870.49 | 6,869.38 | 203.20 | 1.82 | 95.51 | 113.24 | -15,056.35 | 6,836.17 | 6,777.60 | 58.57 | 116.719 | | |
| 13,500.00 | 6,840.00 | 6,868.37 | 6,867.25 | 205.87 | 1.82 | 95.40 | 113.24 | -15,056.38 | 6,737.38 | 6,678.07 | 59.31 | 113.596 | | |
| 13,600.00 | 6,840.00 | 6,866.27 | 6,865.15 | 208.54 | 1.82 | 95.29 | 113.23 | -15,056.41 | 6,638.63 | 6,578.56 | 60.08 | 110.505 | | |
| 13,700.00 | 6,840.00 | 6,864.19 | 6,863.07 | 211.22 | 1.82 | 95.17 | 113.23 | -15,056.45 | 6,539.92 | 6,479.06 | 60.87 | 107.446 | | |
| 13,800.00 | 6,840.00 | 6,862.13 | 6,861.01 | 213.89 | 1.82 | 95.06 | 113.23 | -15,056.48 | 6,441.25 | 6,379.57 | 61.69 | 104.420 | | |
| 13,900.00 | 6,840.00 | 6,860.09 | 6,858.97 | 216.56 | 1.82 | 94.95 | 113.23 | -15,056.51 | 6,342.62 | 6,280.09 | 62.53 | 101.428 | | |
| 14,000.00 | 6,840.00 | 6,858.07 | 6,856.96 | 219.24 | 1.82 | 94.84 | 113.22 | -15,056.54 | 6,244.03 | 6,180.62 | 63.41 | 98.470 | | |
| 14,100.00 | 6,840.00 | 6,856.07 | 6,854.96 | 221.92 | 1.82 | 94.73 | 113.22 | -15,056.56 | 6,145.49 | 6,081.17 | 64.32 | 95.548 | | |
| 14,200.00 | 6,840.00 | 6,854.10 | 6,852.98 | 224.59 | 1.82 | 94.63 | 113.22 | -15,056.59 | 6,047.00 | 5,981.74 | 65.26 | 92.660 | | |
| 14,300.00 | 6,840.00 | 6,852.14 | 6,851.02 | 227.27 | 1.82 | 94.52 | 113.22 | -15,056.62 | 5,948.55 | 5,882.32 | 66.24 | 89.810 | | |
| 14,400.00 | 6,840.00 | 6,850.20 | 6,849.08 | 229.95 | 1.82 | 94.42 | 113.21 | -15,056.65 | 5,850.16 | 5,782.91 | 67.25 | 86.995 | | |
| 14,500.00 | 6,840.00 | 6,848.28 | 6,847.16 | 232.63 | 1.82 | 94.31 | 113.21 | -15,056.68 | 5,751.82 | 5,683.52 | 68.30 | 84.219 | | |
| 14,600.00 | 6,840.00 | 6,846.38 | 6,845.26 | 235.31 | 1.82 | 94.21 | 113.21 | -15,056.70 | 5,653.54 | 5,584.15 | 69.39 | 81.480 | | |
| 14,700.00 | 6,840.00 | 6,844.50 | 6,843.38 | 238.00 | 1.82 | 94.11 | 113.20 | -15,056.73 | 5,555.32 | 5,484.80 | 70.52 | 78.780 | | |
| 14,800.00 | 6,840.00 | 6,842.63 | 6,841.52 | 240.68 | 1.82 | 94.00 | 113.20 | -15,056.76 | 5,457.17 | 5,385.47 | 71.69 | 76.119 | | |
| 14,900.00 | 6,840.00 | 6,840.78 | 6,839.67 | 243.36 | 1.82 | 93.90 | 113.20 | -15,056.78 | 5,359.08 | 5,286.16 | 72.91 | 73.499 | | |
| 15,000.00 | 6,840.00 | 6,838.96 | 6,837.84 | 246.05 | 1.82 | 93.81 | 113.19 | -15,056.81 | 5,261.06 | 5,186.88 | 74.19 | 70.918 | | |
| 15,100.00 | 6,840.00 | 6,837.14 | 6,836.03 | 248.74 | 1.82 | 93.71 | 113.19 | -15,056.84 | 5,163.12 | 5,087.61 | 75.51 | 68.379 | | |
| 15,200.00 | 6,840.00 | 6,835.35 | 6,834.24 | 251.42 | 1.82 | 93.61 | 113.18 | -15,056.86 | 5,065.26 | 4,988.38 | 76.89 | 65.881 | | |
| 15,300.00 | 6,840.00 | 6,833.57 | 6,832.46 | 254.11 | 1.82 | 93.51 | 113.18 | -15,056.88 | 4,967.49 | 4,889.16 | 78.32 | 63.425 | | |
| 15,400.00 | 6,840.00 | 6,831.81 | 6,830.70 | 256.80 | 1.82 | 93.42 | 113.18 | -15,056.91 | 4,869.80 | 4,789.98 | 79.82 | 61.012 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - EXIST VERT OSTER 13-27B GYRO - OWB - GYRO | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|---------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 100-GYD_CT | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 15,500.00 | 6,840.00 | 6,830.07 | 6,828.95 | 259.49 | 1.82 | 93.32 | 113.17 | -15,056.93 | 4,772.21 | 4,690.83 | 81.38 | 58.642 | | |
| 15,600.00 | 6,840.00 | 6,828.34 | 6,827.23 | 262.17 | 1.82 | 93.23 | 113.17 | -15,056.96 | 4,674.72 | 4,591.71 | 83.01 | 56.316 | | |
| 15,700.00 | 6,840.00 | 6,826.63 | 6,825.51 | 264.86 | 1.82 | 93.14 | 113.16 | -15,056.98 | 4,577.34 | 4,492.63 | 84.71 | 54.034 | | |
| 15,800.00 | 6,840.00 | 6,824.93 | 6,823.82 | 267.55 | 1.82 | 93.04 | 113.16 | -15,057.00 | 4,480.07 | 4,393.58 | 86.49 | 51.797 | | |
| 15,900.00 | 6,840.00 | 6,823.25 | 6,822.14 | 270.25 | 1.82 | 92.95 | 113.15 | -15,057.03 | 4,382.93 | 4,294.57 | 88.36 | 49.605 | | |
| 16,000.00 | 6,840.00 | 6,821.58 | 6,820.47 | 272.94 | 1.82 | 92.86 | 113.15 | -15,057.05 | 4,285.92 | 4,195.61 | 90.31 | 47.459 | | |
| 16,100.00 | 6,840.00 | 6,819.93 | 6,818.82 | 275.63 | 1.82 | 92.77 | 113.15 | -15,057.07 | 4,189.04 | 4,096.69 | 92.35 | 45.360 | | |
| 16,200.00 | 6,840.00 | 6,818.30 | 6,817.19 | 278.32 | 1.82 | 92.68 | 113.14 | -15,057.09 | 4,092.32 | 3,997.82 | 94.50 | 43.307 | | |
| 16,300.00 | 6,840.00 | 6,816.68 | 6,815.57 | 281.02 | 1.82 | 92.59 | 113.14 | -15,057.11 | 3,995.76 | 3,899.01 | 96.75 | 41.301 | | |
| 16,400.00 | 6,840.00 | 6,815.07 | 6,813.96 | 283.71 | 1.82 | 92.51 | 113.13 | -15,057.13 | 3,899.37 | 3,800.25 | 99.11 | 39.343 | | |
| 16,500.00 | 6,840.00 | 6,820.56 | 6,819.45 | 286.40 | 1.82 | 92.81 | 113.13 | -15,057.05 | 3,803.15 | 3,701.57 | 101.58 | 37.439 | | |
| 16,600.00 | 6,840.00 | 6,817.92 | 6,816.81 | 289.10 | 1.82 | 92.66 | 113.13 | -15,057.09 | 3,707.15 | 3,602.95 | 104.20 | 35.576 | | |
| 16,700.00 | 6,840.00 | 6,815.37 | 6,814.26 | 291.79 | 1.82 | 92.52 | 113.12 | -15,057.12 | 3,611.37 | 3,504.40 | 106.96 | 33.762 | | |
| 16,800.00 | 6,840.00 | 6,812.90 | 6,811.79 | 294.49 | 1.82 | 92.39 | 113.12 | -15,057.16 | 3,515.82 | 3,405.94 | 109.88 | 31.998 | | |
| 16,900.00 | 6,840.00 | 6,810.52 | 6,809.41 | 297.19 | 1.82 | 92.26 | 113.11 | -15,057.19 | 3,420.52 | 3,307.57 | 112.95 | 30.283 | | |
| 17,000.00 | 6,840.00 | 6,808.21 | 6,807.10 | 299.88 | 1.82 | 92.13 | 113.11 | -15,057.22 | 3,325.49 | 3,209.29 | 116.20 | 28.619 | | |
| 17,100.00 | 6,840.00 | 6,805.98 | 6,804.87 | 302.58 | 1.82 | 92.01 | 113.10 | -15,057.25 | 3,230.77 | 3,111.13 | 119.64 | 27.004 | | |
| 17,200.00 | 6,840.00 | 6,803.81 | 6,802.70 | 305.28 | 1.82 | 91.89 | 113.09 | -15,057.28 | 3,136.38 | 3,013.09 | 123.28 | 25.441 | | |
| 17,300.00 | 6,840.00 | 6,801.72 | 6,800.61 | 307.97 | 1.82 | 91.78 | 113.09 | -15,057.31 | 3,042.34 | 2,915.19 | 127.14 | 23.928 | | |
| 17,400.00 | 6,840.00 | 6,799.68 | 6,798.57 | 310.67 | 1.82 | 91.67 | 113.08 | -15,057.33 | 2,948.69 | 2,817.44 | 131.25 | 22.467 | | |
| 17,500.00 | 6,840.00 | 6,797.71 | 6,796.60 | 313.37 | 1.82 | 91.56 | 113.07 | -15,057.36 | 2,855.47 | 2,719.86 | 135.61 | 21.057 | | |
| 17,600.00 | 6,840.00 | 6,795.80 | 6,794.69 | 316.07 | 1.82 | 91.46 | 113.06 | -15,057.38 | 2,762.73 | 2,622.48 | 140.25 | 19.699 | | |
| 17,700.00 | 6,840.00 | 6,793.94 | 6,792.83 | 318.77 | 1.82 | 91.35 | 113.06 | -15,057.40 | 2,670.50 | 2,525.31 | 145.20 | 18.392 | | |
| 17,800.00 | 6,840.00 | 6,792.14 | 6,791.03 | 321.47 | 1.82 | 91.26 | 113.05 | -15,057.42 | 2,578.86 | 2,428.39 | 150.47 | 17.138 | | |
| 17,900.00 | 6,840.00 | 6,790.39 | 6,789.28 | 324.17 | 1.82 | 91.16 | 113.04 | -15,057.44 | 2,487.86 | 2,331.75 | 156.12 | 15.936 | | |
| 18,000.00 | 6,840.00 | 6,788.68 | 6,787.57 | 326.87 | 1.82 | 91.07 | 113.03 | -15,057.46 | 2,397.58 | 2,235.43 | 162.15 | 14.786 | | |
| 18,100.00 | 6,840.00 | 6,787.02 | 6,785.91 | 329.57 | 1.82 | 90.98 | 113.02 | -15,057.48 | 2,308.09 | 2,139.48 | 168.61 | 13.689 | | |
| 18,200.00 | 6,840.00 | 6,785.41 | 6,784.30 | 332.27 | 1.82 | 90.89 | 113.02 | -15,057.50 | 2,219.51 | 2,043.97 | 175.54 | 12.644 | | |
| 18,300.00 | 6,840.00 | 6,783.84 | 6,782.73 | 334.97 | 1.82 | 90.80 | 113.01 | -15,057.52 | 2,131.93 | 1,948.96 | 182.97 | 11.652 | | |
| 18,400.00 | 6,840.00 | 6,782.32 | 6,781.21 | 337.67 | 1.82 | 90.72 | 113.00 | -15,057.53 | 2,045.49 | 1,854.55 | 190.95 | 10.712 | | |
| 18,500.00 | 6,840.00 | 6,780.83 | 6,779.72 | 340.38 | 1.82 | 90.64 | 112.99 | -15,057.55 | 1,960.35 | 1,760.83 | 199.51 | 9.826 | | |
| 18,600.00 | 6,840.00 | 6,779.38 | 6,778.27 | 343.08 | 1.82 | 90.56 | 112.98 | -15,057.57 | 1,876.66 | 1,667.95 | 208.71 | 8.992 | | |
| 18,700.00 | 6,840.00 | 6,777.97 | 6,776.86 | 345.78 | 1.82 | 90.48 | 112.97 | -15,057.58 | 1,794.65 | 1,576.06 | 218.59 | 8.210 | | |
| 18,800.00 | 6,840.00 | 6,776.59 | 6,775.48 | 348.48 | 1.82 | 90.41 | 112.97 | -15,057.60 | 1,714.54 | 1,485.37 | 229.18 | 7.481 | | |
| 18,900.00 | 6,840.00 | 6,775.25 | 6,774.14 | 351.19 | 1.82 | 90.33 | 112.96 | -15,057.61 | 1,636.63 | 1,396.13 | 240.50 | 6.805 | | |
| 19,000.00 | 6,840.00 | 6,773.94 | 6,772.83 | 353.89 | 1.82 | 90.26 | 112.95 | -15,057.62 | 1,561.23 | 1,308.66 | 252.58 | 6.181 | | |
| 19,100.00 | 6,840.00 | 6,772.66 | 6,771.55 | 356.59 | 1.82 | 90.19 | 112.94 | -15,057.64 | 1,488.74 | 1,223.36 | 265.38 | 5.610 | | |
| 19,200.00 | 6,840.00 | 6,771.41 | 6,770.30 | 359.30 | 1.82 | 90.13 | 112.93 | -15,057.65 | 1,419.59 | 1,140.72 | 278.87 | 5.091 | | |
| 19,300.00 | 6,840.00 | 6,770.19 | 6,769.08 | 362.00 | 1.82 | 90.06 | 112.92 | -15,057.66 | 1,354.29 | 1,061.37 | 292.93 | 4.623 | | |
| 19,400.00 | 6,840.00 | 6,769.00 | 6,767.90 | 364.71 | 1.82 | 89.99 | 112.92 | -15,057.67 | 1,293.44 | 986.06 | 307.38 | 4.208 | | |
| 19,500.00 | 6,840.00 | 6,767.84 | 6,766.73 | 367.41 | 1.82 | 89.93 | 112.91 | -15,057.68 | 1,237.69 | 915.72 | 321.97 | 3.844 | | |
| 19,600.00 | 6,840.00 | 6,766.71 | 6,765.60 | 370.11 | 1.82 | 89.87 | 112.90 | -15,057.69 | 1,187.75 | 851.43 | 336.32 | 3.532 | | |
| 19,700.00 | 6,840.00 | 6,765.60 | 6,764.49 | 372.82 | 1.82 | 89.81 | 112.89 | -15,057.70 | 1,144.39 | 794.45 | 349.95 | 3.270 | | |
| 19,800.00 | 6,840.00 | 6,764.51 | 6,763.40 | 375.53 | 1.82 | 89.75 | 112.88 | -15,057.71 | 1,108.38 | 746.11 | 362.27 | 3.060 | | |
| 19,900.00 | 6,840.00 | 6,763.45 | 6,762.34 | 378.23 | 1.82 | 89.69 | 112.88 | -15,057.72 | 1,080.45 | 707.79 | 372.66 | 2.899 | | |
| 20,000.00 | 6,840.00 | 6,762.41 | 6,761.30 | 380.94 | 1.82 | 89.63 | 112.87 | -15,057.73 | 1,061.25 | 680.75 | 380.50 | 2.789 | | |
| 20,100.00 | 6,840.00 | 6,761.40 | 6,760.29 | 383.64 | 1.82 | 89.58 | 112.86 | -15,057.74 | 1,051.25 | 665.98 | 385.27 | 2.729 | | |
| 20,155.66 | 6,840.00 | 6,760.84 | 6,759.73 | 385.15 | 1.82 | 89.55 | 112.86 | -15,057.75 | 1,049.77 | 663.30 | 386.48 | 2.716 | CC, ES, SF | |
| 20,200.00 | 6,840.00 | 6,760.40 | 6,759.29 | 386.35 | 1.82 | 89.52 | 112.85 | -15,057.75 | 1,050.71 | 664.03 | 386.67 | 2.717 | | |
| 20,300.00 | 6,840.00 | 6,759.43 | 6,758.32 | 389.05 | 1.82 | 89.47 | 112.84 | -15,057.76 | 1,059.65 | 674.99 | 384.66 | 2.755 | | |
| 20,400.00 | 6,840.00 | 6,758.48 | 6,757.37 | 391.76 | 1.82 | 89.42 | 112.84 | -15,057.77 | 1,077.83 | 698.38 | 379.45 | 2.841 | | |
| 20,442.82 | 6,840.00 | 6,758.07 | 6,756.97 | 392.92 | 1.82 | 89.40 | 112.83 | -15,057.77 | 1,088.34 | 711.99 | 376.34 | 2.892 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - SI VERT LIBSACK 43-27 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 3,700.00 | 3,525.52 | 3,402.52 | 3,402.52 | 22.06 | 58.43 | 30.24 | 36.26 | -10,862.03 | 9,988.54 | 9,913.90 | 74.65 | 133.814 | | |
| 3,800.00 | 3,618.49 | 3,504.51 | 3,495.49 | 22.82 | 60.21 | 30.35 | 36.26 | -10,862.03 | 9,956.17 | 9,879.22 | 76.95 | 129.381 | | |
| 3,900.00 | 3,711.45 | 3,588.45 | 3,588.45 | 23.57 | 61.67 | 30.45 | 36.26 | -10,862.03 | 9,923.83 | 9,844.89 | 78.95 | 125.703 | | |
| 4,000.00 | 3,804.42 | 3,681.42 | 3,681.42 | 24.33 | 63.29 | 30.56 | 36.26 | -10,862.03 | 9,891.53 | 9,810.42 | 81.10 | 121.966 | | |
| 4,100.00 | 3,897.39 | 3,774.39 | 3,774.39 | 25.09 | 64.92 | 30.66 | 36.26 | -10,862.03 | 9,859.25 | 9,775.99 | 83.26 | 118.421 | | |
| 4,200.00 | 3,990.36 | 3,867.36 | 3,867.36 | 25.86 | 66.54 | 30.77 | 36.26 | -10,862.03 | 9,827.00 | 9,741.59 | 85.41 | 115.053 | | |
| 4,300.00 | 4,083.32 | 3,960.32 | 3,960.32 | 26.62 | 68.16 | 30.88 | 36.26 | -10,862.03 | 9,794.79 | 9,707.22 | 87.57 | 111.848 | | |
| 4,400.00 | 4,176.29 | 4,053.29 | 4,053.29 | 27.38 | 69.78 | 30.99 | 36.26 | -10,862.03 | 9,762.61 | 9,672.88 | 89.73 | 108.796 | | |
| 4,500.00 | 4,269.26 | 4,146.26 | 4,146.26 | 28.14 | 71.41 | 31.10 | 36.26 | -10,862.03 | 9,730.47 | 9,638.57 | 91.90 | 105.886 | | |
| 4,600.00 | 4,362.23 | 4,239.23 | 4,239.23 | 28.90 | 73.03 | 31.21 | 36.26 | -10,862.03 | 9,698.35 | 9,604.29 | 94.06 | 103.109 | | |
| 4,700.00 | 4,455.20 | 4,332.20 | 4,332.20 | 29.66 | 74.65 | 31.32 | 36.26 | -10,862.03 | 9,666.27 | 9,570.05 | 96.23 | 100.454 | | |
| 4,800.00 | 4,548.16 | 4,425.16 | 4,425.16 | 30.43 | 76.27 | 31.43 | 36.26 | -10,862.03 | 9,634.23 | 9,535.84 | 98.39 | 97.915 | | |
| 4,900.00 | 4,641.13 | 4,518.13 | 4,518.13 | 31.19 | 77.90 | 31.54 | 36.26 | -10,862.03 | 9,602.22 | 9,501.66 | 100.56 | 95.485 | | |
| 5,000.00 | 4,734.10 | 4,611.10 | 4,611.10 | 31.95 | 79.52 | 31.66 | 36.26 | -10,862.03 | 9,570.24 | 9,467.51 | 102.73 | 93.155 | | |
| 5,100.00 | 4,827.07 | 4,704.07 | 4,704.07 | 32.71 | 81.14 | 31.77 | 36.26 | -10,862.03 | 9,538.30 | 9,433.39 | 104.91 | 90.921 | | |
| 5,200.00 | 4,920.04 | 4,802.96 | 4,797.04 | 33.48 | 82.87 | 31.89 | 36.26 | -10,862.03 | 9,506.39 | 9,399.21 | 107.19 | 88.691 | | |
| 5,300.00 | 5,013.00 | 4,910.00 | 4,890.00 | 34.24 | 84.74 | 32.00 | 36.26 | -10,862.03 | 9,474.53 | 9,364.92 | 109.61 | 86.441 | | |
| 5,400.00 | 5,105.97 | 4,982.97 | 4,982.97 | 35.00 | 86.01 | 32.12 | 36.26 | -10,862.03 | 9,442.69 | 9,331.25 | 111.44 | 84.736 | | |
| 5,500.00 | 5,198.94 | 5,075.94 | 5,075.94 | 35.77 | 87.63 | 32.24 | 36.26 | -10,862.03 | 9,410.89 | 9,297.28 | 113.62 | 82.830 | | |
| 5,600.00 | 5,291.91 | 5,168.91 | 5,168.91 | 36.53 | 89.25 | 32.35 | 36.26 | -10,862.03 | 9,379.13 | 9,263.34 | 115.80 | 80.995 | | |
| 5,700.00 | 5,384.87 | 5,261.87 | 5,261.87 | 37.29 | 90.88 | 32.47 | 36.26 | -10,862.03 | 9,347.41 | 9,229.43 | 117.98 | 79.227 | | |
| 5,800.00 | 5,477.84 | 5,354.84 | 5,354.84 | 38.06 | 92.50 | 32.59 | 36.26 | -10,862.03 | 9,315.73 | 9,195.56 | 120.17 | 77.523 | | |
| 5,900.00 | 5,570.81 | 5,447.81 | 5,447.81 | 38.82 | 94.12 | 32.71 | 36.26 | -10,862.03 | 9,284.08 | 9,161.72 | 122.35 | 75.879 | | |
| 6,000.00 | 5,663.78 | 5,540.78 | 5,540.78 | 39.59 | 95.74 | 32.83 | 36.26 | -10,862.03 | 9,252.47 | 9,127.93 | 124.54 | 74.291 | | |
| 6,100.00 | 5,756.75 | 5,633.75 | 5,633.75 | 40.35 | 97.37 | 32.95 | 36.26 | -10,862.03 | 9,220.90 | 9,094.16 | 126.73 | 72.758 | | |
| 6,200.00 | 5,849.71 | 5,726.71 | 5,726.71 | 41.12 | 98.99 | 33.08 | 36.26 | -10,862.03 | 9,189.37 | 9,060.44 | 128.93 | 71.276 | | |
| 6,300.00 | 5,942.68 | 5,819.68 | 5,819.68 | 41.88 | 100.61 | 33.20 | 36.26 | -10,862.03 | 9,157.88 | 9,026.75 | 131.12 | 69.843 | | |
| 6,400.00 | 6,035.65 | 5,912.65 | 5,912.65 | 42.64 | 102.24 | 33.32 | 36.26 | -10,862.03 | 9,126.42 | 8,993.11 | 133.32 | 68.456 | | |
| 6,500.00 | 6,128.62 | 6,005.62 | 6,005.62 | 43.41 | 103.86 | 33.45 | 36.26 | -10,862.03 | 9,095.01 | 8,959.50 | 135.52 | 67.114 | | |
| 6,600.00 | 6,221.59 | 6,101.42 | 6,098.59 | 44.17 | 105.53 | 33.57 | 36.26 | -10,862.03 | 9,063.64 | 8,925.88 | 137.77 | 65.790 | | |
| 6,700.00 | 6,314.55 | 6,208.45 | 6,191.55 | 44.94 | 107.40 | 33.70 | 36.26 | -10,862.03 | 9,032.31 | 8,892.10 | 140.21 | 64.418 | | |
| 6,800.00 | 6,407.52 | 6,284.52 | 6,284.52 | 45.70 | 108.73 | 33.83 | 36.26 | -10,862.03 | 9,001.03 | 8,858.90 | 142.12 | 63.333 | | |
| 6,900.00 | 6,499.98 | 6,376.98 | 6,376.98 | 46.49 | 110.34 | 30.02 | 36.26 | -10,862.03 | 8,968.40 | 8,824.08 | 144.33 | 62.140 | | |
| 7,000.00 | 6,586.50 | 6,463.50 | 6,463.50 | 47.49 | 111.85 | 24.65 | 36.26 | -10,862.03 | 8,922.71 | 8,776.25 | 146.46 | 60.922 | | |
| 7,100.00 | 6,663.58 | 6,540.58 | 6,540.58 | 48.75 | 113.19 | 22.50 | 36.26 | -10,862.03 | 8,862.43 | 8,714.00 | 148.44 | 59.705 | | |
| 7,200.00 | 6,728.87 | 6,605.87 | 6,605.87 | 50.23 | 114.33 | 22.42 | 36.26 | -10,862.03 | 8,789.41 | 8,639.24 | 150.18 | 58.527 | | |
| 7,300.00 | 6,780.38 | 6,657.38 | 6,657.38 | 51.91 | 115.23 | 24.56 | 36.26 | -10,862.03 | 8,705.86 | 8,554.24 | 151.62 | 57.419 | | |
| 7,400.00 | 6,816.56 | 6,706.44 | 6,693.56 | 53.74 | 116.09 | 30.82 | 36.26 | -10,862.03 | 8,614.30 | 8,461.37 | 152.93 | 56.328 | | |
| 7,500.00 | 6,836.29 | 6,713.29 | 6,713.29 | 55.65 | 116.21 | 50.63 | 36.26 | -10,862.03 | 8,517.51 | 8,364.11 | 153.40 | 55.523 | | |
| 7,600.00 | 6,840.00 | 6,717.00 | 6,717.00 | 57.58 | 116.27 | 90.00 | 36.26 | -10,862.03 | 8,418.42 | 8,264.70 | 153.72 | 54.765 | | |
| 7,700.00 | 6,840.00 | 6,717.00 | 6,717.00 | 59.56 | 116.27 | 90.00 | 36.26 | -10,862.03 | 8,319.13 | 8,165.18 | 153.95 | 54.039 | | |
| 7,800.00 | 6,840.00 | 6,717.00 | 6,717.00 | 61.60 | 116.27 | 90.00 | 36.26 | -10,862.03 | 8,219.85 | 8,065.67 | 154.19 | 53.312 | | |
| 7,900.00 | 6,840.00 | 6,717.00 | 6,717.00 | 63.69 | 116.27 | 90.00 | 36.26 | -10,862.03 | 8,120.59 | 7,966.16 | 154.43 | 52.584 | | |
| 8,000.00 | 6,840.00 | 6,717.00 | 6,717.00 | 65.82 | 116.27 | 90.00 | 36.26 | -10,862.03 | 8,021.35 | 7,866.67 | 154.69 | 51.856 | | |
| 8,100.00 | 6,840.00 | 6,717.00 | 6,717.00 | 67.99 | 116.27 | 90.00 | 36.26 | -10,862.03 | 7,922.13 | 7,767.18 | 154.95 | 51.127 | | |
| 8,200.00 | 6,840.00 | 6,717.00 | 6,717.00 | 70.21 | 116.27 | 90.00 | 36.26 | -10,862.03 | 7,822.93 | 7,667.71 | 155.22 | 50.397 | | |
| 8,300.00 | 6,840.00 | 6,717.00 | 6,717.00 | 72.45 | 116.27 | 90.00 | 36.26 | -10,862.03 | 7,723.75 | 7,568.24 | 155.51 | 49.668 | | |
| 8,400.00 | 6,840.00 | 6,717.00 | 6,717.00 | 74.73 | 116.27 | 90.00 | 36.26 | -10,862.03 | 7,624.59 | 7,468.79 | 155.80 | 48.937 | | |
| 8,500.00 | 6,840.00 | 6,717.00 | 6,717.00 | 77.04 | 116.27 | 90.00 | 36.26 | -10,862.03 | 7,525.45 | 7,369.35 | 156.11 | 48.207 | | |
| 8,600.00 | 6,840.00 | 6,717.00 | 6,717.00 | 79.38 | 116.27 | 90.00 | 36.26 | -10,862.03 | 7,426.34 | 7,269.92 | 156.43 | 47.475 | | |
| 8,700.00 | 6,840.00 | 6,717.00 | 6,717.00 | 81.74 | 116.27 | 90.00 | 36.26 | -10,862.03 | 7,327.25 | 7,170.50 | 156.75 | 46.744 | | |
| 8,800.00 | 6,840.00 | 6,717.00 | 6,717.00 | 84.12 | 116.27 | 90.00 | 36.26 | -10,862.03 | 7,228.19 | 7,071.09 | 157.09 | 46.012 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - SI VERT LIBSACK 43-27 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 8,900.00 | 6,840.00 | 6,717.00 | 6,717.00 | 86.52 | 116.27 | 90.00 | 36.26 | -10,862.03 | 7,129.15 | 6,971.70 | 157.45 | 45.279 | | |
| 9,000.00 | 6,840.00 | 6,717.00 | 6,717.00 | 88.94 | 116.27 | 90.00 | 36.26 | -10,862.03 | 7,030.14 | 6,872.32 | 157.81 | 44.547 | | |
| 9,100.00 | 6,840.00 | 6,717.00 | 6,717.00 | 91.38 | 116.27 | 90.00 | 36.26 | -10,862.03 | 6,931.16 | 6,772.96 | 158.20 | 43.814 | | |
| 9,200.00 | 6,840.00 | 6,717.00 | 6,717.00 | 93.83 | 116.27 | 90.00 | 36.26 | -10,862.03 | 6,832.20 | 6,673.61 | 158.59 | 43.081 | | |
| 9,300.00 | 6,840.00 | 6,717.00 | 6,717.00 | 96.30 | 116.27 | 90.00 | 36.26 | -10,862.03 | 6,733.28 | 6,574.28 | 159.00 | 42.347 | | |
| 9,400.00 | 6,840.00 | 6,717.00 | 6,717.00 | 98.79 | 116.27 | 90.00 | 36.26 | -10,862.03 | 6,634.39 | 6,474.96 | 159.43 | 41.613 | | |
| 9,500.00 | 6,840.00 | 6,717.00 | 6,717.00 | 101.28 | 116.27 | 90.00 | 36.26 | -10,862.03 | 6,535.53 | 6,375.66 | 159.87 | 40.880 | | |
| 9,600.00 | 6,840.00 | 6,717.00 | 6,717.00 | 103.79 | 116.27 | 90.00 | 36.26 | -10,862.03 | 6,436.71 | 6,276.38 | 160.33 | 40.146 | | |
| 9,700.00 | 6,840.00 | 6,717.00 | 6,717.00 | 106.30 | 116.27 | 90.00 | 36.26 | -10,862.03 | 6,337.93 | 6,177.12 | 160.81 | 39.412 | | |
| 9,800.00 | 6,840.00 | 6,717.00 | 6,717.00 | 108.83 | 116.27 | 90.00 | 36.26 | -10,862.03 | 6,239.19 | 6,077.87 | 161.31 | 38.678 | | |
| 9,900.00 | 6,840.00 | 6,717.00 | 6,717.00 | 111.37 | 116.27 | 90.00 | 36.26 | -10,862.03 | 6,140.48 | 5,978.65 | 161.83 | 37.944 | | |
| 10,000.00 | 6,840.00 | 6,717.00 | 6,717.00 | 113.91 | 116.27 | 90.00 | 36.26 | -10,862.03 | 6,041.82 | 5,879.45 | 162.37 | 37.210 | | |
| 10,100.00 | 6,840.00 | 6,717.00 | 6,717.00 | 116.47 | 116.27 | 90.00 | 36.26 | -10,862.03 | 5,943.20 | 5,780.27 | 162.93 | 36.476 | | |
| 10,200.00 | 6,840.00 | 6,717.00 | 6,717.00 | 119.03 | 116.27 | 90.00 | 36.26 | -10,862.03 | 5,844.63 | 5,681.11 | 163.52 | 35.743 | | |
| 10,300.00 | 6,840.00 | 6,717.00 | 6,717.00 | 121.59 | 116.27 | 90.00 | 36.26 | -10,862.03 | 5,746.11 | 5,581.98 | 164.13 | 35.009 | | |
| 10,400.00 | 6,840.00 | 6,717.00 | 6,717.00 | 124.17 | 116.27 | 90.00 | 36.26 | -10,862.03 | 5,647.64 | 5,482.88 | 164.77 | 34.276 | | |
| 10,500.00 | 6,840.00 | 6,717.00 | 6,717.00 | 126.75 | 116.27 | 90.00 | 36.26 | -10,862.03 | 5,549.23 | 5,383.80 | 165.43 | 33.544 | | |
| 10,600.00 | 6,840.00 | 6,717.00 | 6,717.00 | 129.34 | 116.27 | 90.00 | 36.26 | -10,862.03 | 5,450.87 | 5,284.75 | 166.13 | 32.812 | | |
| 10,700.00 | 6,840.00 | 6,717.00 | 6,717.00 | 131.93 | 116.27 | 90.00 | 36.26 | -10,862.03 | 5,352.58 | 5,185.73 | 166.85 | 32.080 | | |
| 10,800.00 | 6,840.00 | 6,717.00 | 6,717.00 | 134.53 | 116.27 | 90.00 | 36.26 | -10,862.03 | 5,254.35 | 5,086.74 | 167.61 | 31.349 | | |
| 10,900.00 | 6,840.00 | 6,717.00 | 6,717.00 | 137.13 | 116.27 | 90.00 | 36.26 | -10,862.03 | 5,156.19 | 4,987.79 | 168.40 | 30.619 | | |
| 11,000.00 | 6,840.00 | 6,717.00 | 6,717.00 | 139.73 | 116.27 | 90.00 | 36.26 | -10,862.03 | 5,058.09 | 4,888.87 | 169.23 | 29.890 | | |
| 11,100.00 | 6,840.00 | 6,717.00 | 6,717.00 | 142.35 | 116.27 | 90.00 | 36.26 | -10,862.03 | 4,960.08 | 4,789.99 | 170.09 | 29.161 | | |
| 11,200.00 | 6,840.00 | 6,717.00 | 6,717.00 | 144.96 | 116.27 | 90.00 | 36.26 | -10,862.03 | 4,862.15 | 4,691.15 | 171.00 | 28.434 | | |
| 11,300.00 | 6,840.00 | 6,717.00 | 6,717.00 | 147.58 | 116.27 | 90.00 | 36.26 | -10,862.03 | 4,764.30 | 4,592.35 | 171.95 | 27.708 | | |
| 11,400.00 | 6,840.00 | 6,717.00 | 6,717.00 | 150.20 | 116.27 | 90.00 | 36.26 | -10,862.03 | 4,666.54 | 4,493.60 | 172.94 | 26.984 | | |
| 11,500.00 | 6,840.00 | 6,717.00 | 6,717.00 | 152.83 | 116.27 | 90.00 | 36.26 | -10,862.03 | 4,568.88 | 4,394.90 | 173.98 | 26.260 | | |
| 11,600.00 | 6,840.00 | 6,717.00 | 6,717.00 | 155.46 | 116.27 | 90.00 | 36.26 | -10,862.03 | 4,471.33 | 4,296.25 | 175.08 | 25.539 | | |
| 11,700.00 | 6,840.00 | 6,717.00 | 6,717.00 | 158.09 | 116.27 | 90.00 | 36.26 | -10,862.03 | 4,373.88 | 4,197.65 | 176.23 | 24.819 | | |
| 11,800.00 | 6,840.00 | 6,717.00 | 6,717.00 | 160.73 | 116.27 | 90.00 | 36.26 | -10,862.03 | 4,276.55 | 4,099.12 | 177.44 | 24.102 | | |
| 11,900.00 | 6,840.00 | 6,717.00 | 6,717.00 | 163.36 | 116.27 | 90.00 | 36.26 | -10,862.03 | 4,179.35 | 4,000.64 | 178.71 | 23.386 | | |
| 12,000.00 | 6,840.00 | 6,717.00 | 6,717.00 | 166.01 | 116.27 | 90.00 | 36.26 | -10,862.03 | 4,082.29 | 3,902.24 | 180.05 | 22.673 | | |
| 12,100.00 | 6,840.00 | 6,717.00 | 6,717.00 | 168.65 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,985.37 | 3,803.90 | 181.46 | 21.962 | | |
| 12,200.00 | 6,840.00 | 6,717.00 | 6,717.00 | 171.30 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,888.60 | 3,705.65 | 182.95 | 21.255 | | |
| 12,300.00 | 6,840.00 | 6,717.00 | 6,717.00 | 173.94 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,792.00 | 3,607.48 | 184.52 | 20.550 | | |
| 12,400.00 | 6,840.00 | 6,717.00 | 6,717.00 | 176.59 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,695.59 | 3,509.40 | 186.18 | 19.849 | | |
| 12,500.00 | 6,840.00 | 6,717.00 | 6,717.00 | 179.25 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,599.37 | 3,411.43 | 187.94 | 19.152 | | |
| 12,600.00 | 6,840.00 | 6,717.00 | 6,717.00 | 181.90 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,503.36 | 3,313.56 | 189.80 | 18.459 | | |
| 12,700.00 | 6,840.00 | 6,717.00 | 6,717.00 | 184.56 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,407.58 | 3,215.81 | 191.76 | 17.770 | | |
| 12,800.00 | 6,840.00 | 6,717.00 | 6,717.00 | 187.22 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,312.05 | 3,118.19 | 193.85 | 17.085 | | |
| 12,900.00 | 6,840.00 | 6,717.00 | 6,717.00 | 189.88 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,216.79 | 3,020.72 | 196.07 | 16.406 | | |
| 13,000.00 | 6,840.00 | 6,717.00 | 6,717.00 | 192.54 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,121.83 | 2,923.40 | 198.43 | 15.733 | | |
| 13,100.00 | 6,840.00 | 6,717.00 | 6,717.00 | 195.20 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,027.19 | 2,826.25 | 200.94 | 15.065 | | |
| 13,200.00 | 6,840.00 | 6,717.00 | 6,717.00 | 197.87 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,932.91 | 2,729.29 | 203.62 | 14.404 | | |
| 13,300.00 | 6,840.00 | 6,717.00 | 6,717.00 | 200.53 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,839.02 | 2,632.54 | 206.47 | 13.750 | | |
| 13,400.00 | 6,840.00 | 6,717.00 | 6,717.00 | 203.20 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,745.56 | 2,536.03 | 209.53 | 13.104 | | |
| 13,500.00 | 6,840.00 | 6,717.00 | 6,717.00 | 205.87 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,652.58 | 2,439.79 | 212.79 | 12.466 | | |
| 13,600.00 | 6,840.00 | 6,717.00 | 6,717.00 | 208.54 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,560.13 | 2,343.84 | 216.29 | 11.837 | | |
| 13,700.00 | 6,840.00 | 6,717.00 | 6,717.00 | 211.22 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,468.26 | 2,248.22 | 220.04 | 11.217 | | |
| 13,800.00 | 6,840.00 | 6,717.00 | 6,717.00 | 213.89 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,377.06 | 2,152.99 | 224.07 | 10.609 | | |
| 13,900.00 | 6,840.00 | 6,717.00 | 6,717.00 | 216.56 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,286.58 | 2,058.18 | 228.40 | 10.011 | | |
| 14,000.00 | 6,840.00 | 6,717.00 | 6,717.00 | 219.24 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,196.94 | 1,963.87 | 233.07 | 9.426 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

| Offset Design SEC 27-T4N-R65W - SI VERT LIBSACK 43-27 - OWB - Design #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | Distance | | | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | | |
| 14,100.00 | 6,840.00 | 6,717.00 | 6,717.00 | 221.92 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,108.23 | 1,870.12 | 238.10 | 8.854 | | |
| 14,200.00 | 6,840.00 | 6,717.00 | 6,717.00 | 224.59 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,020.57 | 1,777.04 | 243.53 | 8.297 | | |
| 14,300.00 | 6,840.00 | 6,717.00 | 6,717.00 | 227.27 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,934.11 | 1,684.72 | 249.39 | 7.755 | | |
| 14,400.00 | 6,840.00 | 6,717.00 | 6,717.00 | 229.95 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,849.01 | 1,593.29 | 255.72 | 7.231 | | |
| 14,500.00 | 6,840.00 | 6,717.00 | 6,717.00 | 232.63 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,765.48 | 1,502.92 | 262.56 | 6.724 | | |
| 14,600.00 | 6,840.00 | 6,717.00 | 6,717.00 | 235.31 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,683.74 | 1,413.81 | 269.93 | 6.238 | | |
| 14,700.00 | 6,840.00 | 6,717.00 | 6,717.00 | 238.00 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,604.08 | 1,326.20 | 277.88 | 5.773 | | |
| 14,800.00 | 6,840.00 | 6,717.00 | 6,717.00 | 240.68 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,526.81 | 1,240.38 | 286.42 | 5.331 | | |
| 14,900.00 | 6,840.00 | 6,717.00 | 6,717.00 | 243.36 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,452.31 | 1,156.75 | 295.56 | 4.914 | | |
| 15,000.00 | 6,840.00 | 6,717.00 | 6,717.00 | 246.05 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,381.05 | 1,075.76 | 305.28 | 4.524 | | |
| 15,100.00 | 6,840.00 | 6,717.00 | 6,717.00 | 248.74 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,313.53 | 998.01 | 315.52 | 4.163 | | |
| 15,200.00 | 6,840.00 | 6,717.00 | 6,717.00 | 251.42 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,250.37 | 924.20 | 326.17 | 3.833 | | |
| 15,300.00 | 6,840.00 | 6,717.00 | 6,717.00 | 254.11 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,192.27 | 855.21 | 337.06 | 3.537 | | |
| 15,400.00 | 6,840.00 | 6,717.00 | 6,717.00 | 256.80 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,139.99 | 792.08 | 347.91 | 3.277 | | |
| 15,500.00 | 6,840.00 | 6,717.00 | 6,717.00 | 259.49 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,094.37 | 736.01 | 358.36 | 3.054 | | |
| 15,600.00 | 6,840.00 | 6,717.00 | 6,717.00 | 262.17 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,056.28 | 688.32 | 367.96 | 2.871 | | |
| 15,700.00 | 6,840.00 | 6,717.00 | 6,717.00 | 264.86 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,026.55 | 650.36 | 376.19 | 2.729 | | |
| 15,800.00 | 6,840.00 | 6,717.00 | 6,717.00 | 267.55 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,005.92 | 623.40 | 382.53 | 2.630 | | |
| 15,900.00 | 6,840.00 | 6,717.00 | 6,717.00 | 270.25 | 116.27 | 90.00 | 36.26 | -10,862.03 | 994.96 | 608.44 | 386.52 | 2.574 | | |
| 15,959.63 | 6,840.00 | 6,717.00 | 6,717.00 | 271.85 | 116.27 | 90.00 | 36.26 | -10,862.03 | 993.18 | 605.51 | 387.66 | 2.562 | CC, ES, SF | |
| 16,000.00 | 6,840.00 | 6,717.00 | 6,717.00 | 272.94 | 116.27 | 90.00 | 36.26 | -10,862.03 | 994.00 | 606.10 | 387.89 | 2.563 | | |
| 16,100.00 | 6,840.00 | 6,717.00 | 6,717.00 | 275.63 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,003.05 | 616.46 | 386.59 | 2.595 | | |
| 16,200.00 | 6,840.00 | 6,717.00 | 6,717.00 | 278.32 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,021.85 | 639.07 | 382.78 | 2.670 | | |
| 16,300.00 | 6,840.00 | 6,717.00 | 6,717.00 | 281.02 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,049.88 | 673.03 | 376.85 | 2.786 | | |
| 16,400.00 | 6,840.00 | 6,717.00 | 6,717.00 | 283.71 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,086.43 | 717.16 | 369.27 | 2.942 | | |
| 16,500.00 | 6,840.00 | 6,717.00 | 6,717.00 | 286.40 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,130.66 | 770.11 | 360.55 | 3.136 | | |
| 16,600.00 | 6,840.00 | 6,717.00 | 6,717.00 | 289.10 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,181.72 | 830.56 | 351.16 | 3.365 | | |
| 16,700.00 | 6,840.00 | 6,717.00 | 6,717.00 | 291.79 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,238.77 | 897.27 | 341.49 | 3.627 | | |
| 16,800.00 | 6,840.00 | 6,717.00 | 6,717.00 | 294.49 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,301.01 | 969.16 | 331.85 | 3.920 | | |
| 16,900.00 | 6,840.00 | 6,717.00 | 6,717.00 | 297.19 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,367.73 | 1,045.29 | 322.44 | 4.242 | | |
| 17,000.00 | 6,840.00 | 6,717.00 | 6,717.00 | 299.88 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,438.32 | 1,124.91 | 313.41 | 4.589 | | |
| 17,100.00 | 6,840.00 | 6,717.00 | 6,717.00 | 302.58 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,512.23 | 1,207.39 | 304.84 | 4.961 | | |
| 17,200.00 | 6,840.00 | 6,717.00 | 6,717.00 | 305.28 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,589.00 | 1,292.23 | 296.77 | 5.354 | | |
| 17,300.00 | 6,840.00 | 6,717.00 | 6,717.00 | 307.97 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,668.23 | 1,379.01 | 289.21 | 5.768 | | |
| 17,400.00 | 6,840.00 | 6,717.00 | 6,717.00 | 310.67 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,749.59 | 1,467.42 | 282.17 | 6.200 | | |
| 17,500.00 | 6,840.00 | 6,717.00 | 6,717.00 | 313.37 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,832.80 | 1,557.18 | 275.61 | 6.650 | | |
| 17,600.00 | 6,840.00 | 6,717.00 | 6,717.00 | 316.07 | 116.27 | 90.00 | 36.26 | -10,862.03 | 1,917.61 | 1,648.08 | 269.52 | 7.115 | | |
| 17,700.00 | 6,840.00 | 6,717.00 | 6,717.00 | 318.77 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,003.82 | 1,739.95 | 263.87 | 7.594 | | |
| 17,800.00 | 6,840.00 | 6,717.00 | 6,717.00 | 321.47 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,091.26 | 1,832.64 | 258.61 | 8.086 | | |
| 17,900.00 | 6,840.00 | 6,717.00 | 6,717.00 | 324.17 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,179.78 | 1,926.04 | 253.74 | 8.591 | | |
| 18,000.00 | 6,840.00 | 6,717.00 | 6,717.00 | 326.87 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,269.25 | 2,020.05 | 249.20 | 9.106 | | |
| 18,100.00 | 6,840.00 | 6,717.00 | 6,717.00 | 329.57 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,359.57 | 2,114.59 | 244.99 | 9.631 | | |
| 18,200.00 | 6,840.00 | 6,717.00 | 6,717.00 | 332.27 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,450.64 | 2,209.59 | 241.06 | 10.166 | | |
| 18,300.00 | 6,840.00 | 6,717.00 | 6,717.00 | 334.97 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,542.39 | 2,304.99 | 237.40 | 10.709 | | |
| 18,400.00 | 6,840.00 | 6,717.00 | 6,717.00 | 337.67 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,634.73 | 2,400.75 | 233.98 | 11.260 | | |
| 18,500.00 | 6,840.00 | 6,717.00 | 6,717.00 | 340.38 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,727.61 | 2,496.82 | 230.79 | 11.819 | | |
| 18,600.00 | 6,840.00 | 6,717.00 | 6,717.00 | 343.08 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,820.98 | 2,593.18 | 227.81 | 12.383 | | |
| 18,700.00 | 6,840.00 | 6,717.00 | 6,717.00 | 345.78 | 116.27 | 90.00 | 36.26 | -10,862.03 | 2,914.79 | 2,689.78 | 225.01 | 12.954 | | |
| 18,800.00 | 6,840.00 | 6,717.00 | 6,717.00 | 348.48 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,009.00 | 2,786.61 | 222.39 | 13.530 | | |
| 18,900.00 | 6,840.00 | 6,717.00 | 6,717.00 | 351.19 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,103.57 | 2,883.64 | 219.93 | 14.112 | | |
| 19,000.00 | 6,840.00 | 6,717.00 | 6,717.00 | 353.89 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,198.48 | 2,980.86 | 217.62 | 14.698 | | |
| 19,100.00 | 6,840.00 | 6,717.00 | 6,717.00 | 356.59 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,293.68 | 3,078.24 | 215.44 | 15.288 | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

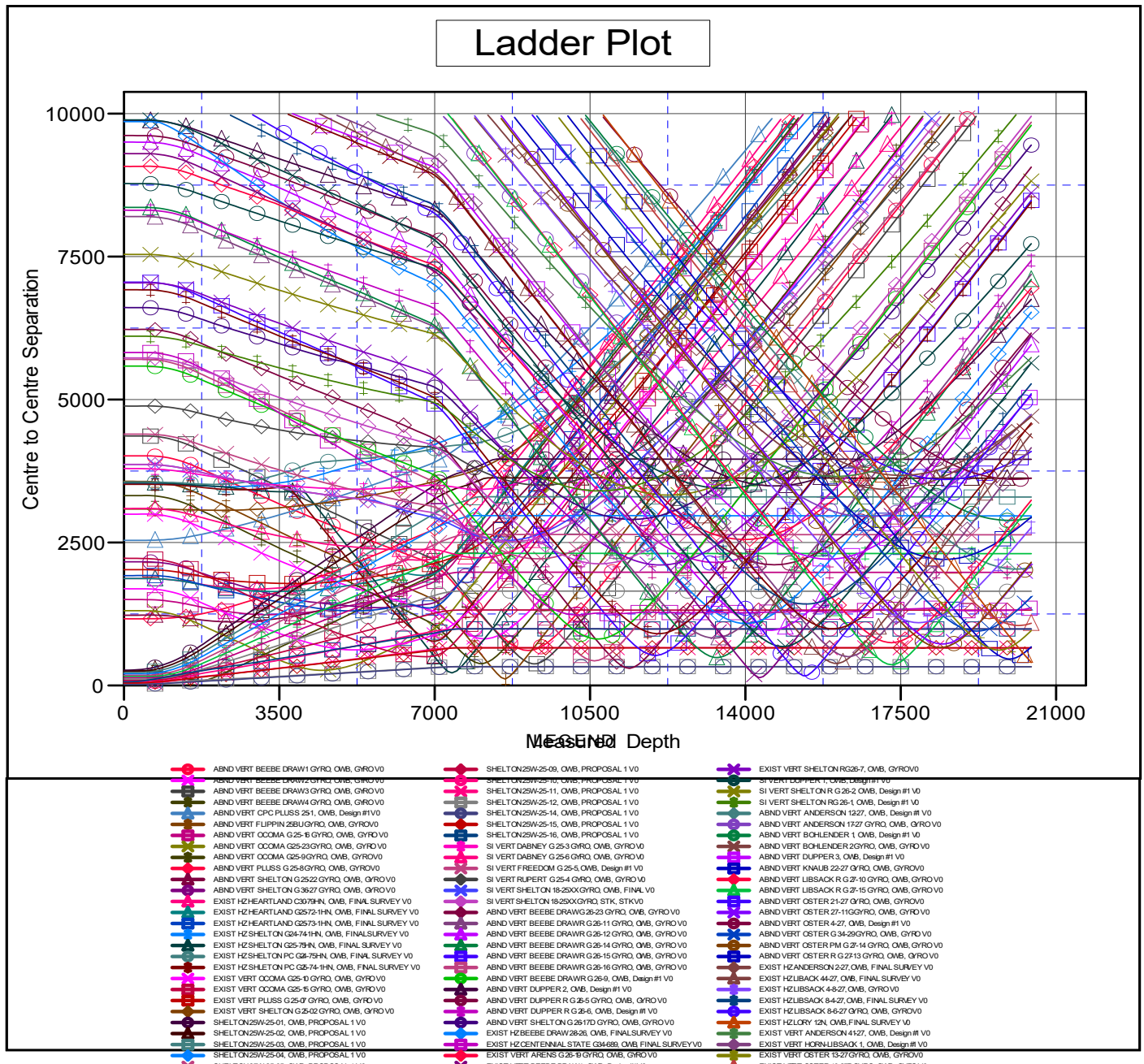
| Offset Design SEC 27-T4N-R65W - SI VERT LIBSACK 43-27 - OWB - Design #1 | | | | | | | | | | | | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|-----------|
| Survey Program: 0-INC-ONLY | | | | | | | | | | | | Offset Well Error: | 0.00 usft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | |
| 19,200.00 | 6,840.00 | 6,717.00 | 6,717.00 | 359.30 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,389.16 | 3,175.76 | 213.39 | 15.882 | |
| 19,300.00 | 6,840.00 | 6,717.00 | 6,717.00 | 362.00 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,484.89 | 3,273.43 | 211.46 | 16.480 | |
| 19,400.00 | 6,840.00 | 6,717.00 | 6,717.00 | 364.71 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,580.86 | 3,371.22 | 209.64 | 17.081 | |
| 19,500.00 | 6,840.00 | 6,717.00 | 6,717.00 | 367.41 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,677.04 | 3,469.12 | 207.92 | 17.685 | |
| 19,600.00 | 6,840.00 | 6,717.00 | 6,717.00 | 370.11 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,773.42 | 3,567.13 | 206.29 | 18.292 | |
| 19,700.00 | 6,840.00 | 6,717.00 | 6,717.00 | 372.82 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,869.98 | 3,665.23 | 204.75 | 18.901 | |
| 19,800.00 | 6,840.00 | 6,717.00 | 6,717.00 | 375.53 | 116.27 | 90.00 | 36.26 | -10,862.03 | 3,966.72 | 3,763.42 | 203.29 | 19.512 | |
| 19,900.00 | 6,840.00 | 6,717.00 | 6,717.00 | 378.23 | 116.27 | 90.00 | 36.26 | -10,862.03 | 4,063.61 | 3,861.70 | 201.91 | 20.126 | |
| 20,000.00 | 6,840.00 | 6,717.00 | 6,717.00 | 380.94 | 116.27 | 90.00 | 36.26 | -10,862.03 | 4,160.65 | 3,960.05 | 200.60 | 20.741 | |
| 20,100.00 | 6,840.00 | 6,717.00 | 6,717.00 | 383.64 | 116.27 | 90.00 | 36.26 | -10,862.03 | 4,257.82 | 4,058.47 | 199.35 | 21.358 | |
| 20,200.00 | 6,840.00 | 6,717.00 | 6,717.00 | 386.35 | 116.27 | 90.00 | 36.26 | -10,862.03 | 4,355.13 | 4,156.96 | 198.17 | 21.977 | |
| 20,300.00 | 6,840.00 | 6,717.00 | 6,717.00 | 389.05 | 116.27 | 90.00 | 36.26 | -10,862.03 | 4,452.55 | 4,255.51 | 197.05 | 22.597 | |
| 20,400.00 | 6,840.00 | 6,717.00 | 6,717.00 | 391.76 | 116.27 | 90.00 | 36.26 | -10,862.03 | 4,550.09 | 4,354.11 | 195.98 | 23.218 | |
| 20,442.82 | 6,840.00 | 6,717.00 | 6,717.00 | 392.92 | 116.27 | 90.00 | 36.26 | -10,862.03 | 4,591.88 | 4,396.35 | 195.53 | 23.484 | |

Anticollision Report

| | | | |
|---------------------------|-------------------------|-------------------------------------|------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well SHELTON 25W-25-13 |
| Project: | WELD COUNTY | TVD Reference: | KB 25' @ 4860.00usft |
| Reference Site: | SEC 25-T4N-R65W | MD Reference: | KB 25' @ 4860.00usft |
| Site Error: | 0.00 usft | North Reference: | True |
| Reference Well: | SHELTON 25W-25-13 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 usft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OWB | Database: | EDT_32Bit_ODBC |
| Reference Design: | PROPOSAL 1 | Offset TVD Reference: | Offset Datum |

Reference Depths are relative to KB 25' @ 4860.00usft
Offset Depths are relative to Offset Datum
Central Meridian is 105.500000°W

Coordinates are relative to: SHELTON 25W-25-13
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.58°



CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

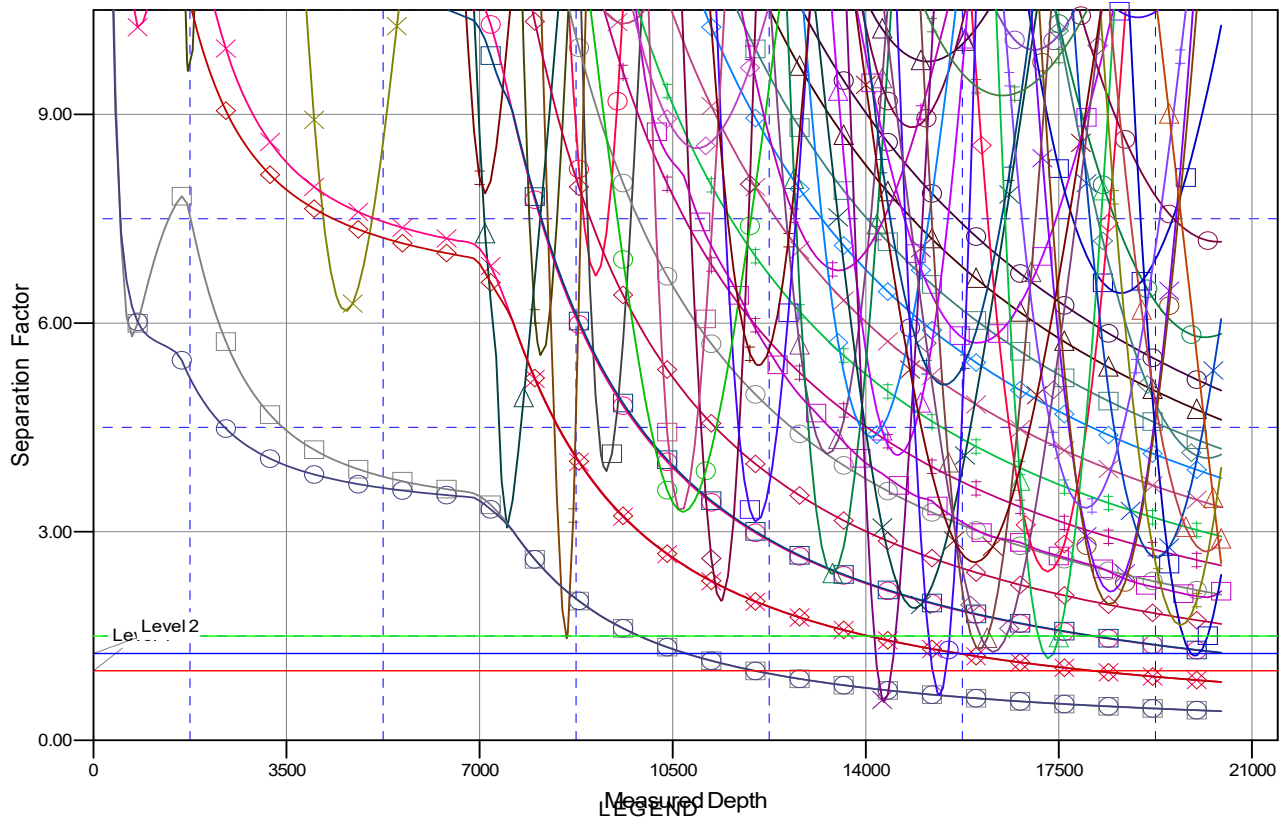
Company: CRESTONE PEAK RESOURCES
Project: WELD COUNTY
Reference Site: SEC 25-T4N-R65W
Site Error: 0.00 usft
Reference Well: SHELTON 25W-25-13
Well Error: 0.00 usft
Reference Wellbore: OWB
Reference Design: PROPOSAL 1

Local Co-ordinate Reference: Well SHELTON 25W-25-13
TVD Reference: KB 25' @ 4860.00usft
MD Reference: KB 25' @ 4860.00usft
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at 2.00 sigma
Database: EDT_32Bit_ODBC
Offset TVD Reference: Offset Datum

Reference Depths are relative to KB 25' @ 4860.00usft
 Offset Depths are relative to Offset Datum
 Central Meridian is 105.500000°W

Coordinates are relative to: SHELTON 25W-25-13
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.58°

Separation Factor Plot



- | | | |
|---------------------------------------------------|--------------------------------------------------------|-----------------------------------------------|
| ABND VERT BEEBE DRAW1 GYRO, OMB, GYRO V0 | SHELTON25W-25-09, OMB, PROPOSAL 1 V0 | EXIST VERT SHELTON R26-7, OMB, GYROV0 |
| ABND VERT BEEBE DRAW2 GYRO, OMB, GYRO V0 | SHELTON25W-25-10, OMB, PROPOSAL 1 V0 | SI VERT DUFFER 1, OMB, Design#1 V0 |
| ABND VERT BEEBE DRAW3 GYRO, OMB, GYRO V0 | SHELTON25W-25-11, OMB, PROPOSAL 1 V0 | SI VERT SHELTON R G 26-2, OMB, Design#1 V0 |
| ABND VERT BEEBE DRAW4 GYRO, OMB, GYRO V0 | SHELTON25W-25-12, OMB, PROPOSAL 1 V0 | SI VERT SHELTON R26-1, OMB, Design#1 V0 |
| ABND VERT GPC PLUS5 251, OMB, Design#1 V0 | SHELTON25W-25-14, OMB, PROPOSAL 1 V0 | ABND VERT ANDERSON 1227, OMB, Design#1 V0 |
| ABND VERT FLUPIN ZBU GYRO, OMB, GYROV0 | SHELTON25W-25-15, OMB, PROPOSAL 1 V0 | ABND VERT ANDERSON 1727 GYRO, OMB, GYROV0 |
| ABND VERT OOCMA G 25-16 GYRO, OMB, GYRO V0 | SHELTON25W-25-16, OMB, PROPOSAL 1 V0 | ABND VERT BOHLENDER 1, OMB, Design#1 V0 |
| ABND VERT OOCMA G25-23 GYRO, OMB, GYRO V0 | SI VERT DABNEY G 25-3 GYRO, OMB, GYRO V0 | ABND VERT BOHLENDER 2 GYRO, OMB, GYRO V0 |
| ABND VERT OOCMA G25-5 GYRO, OMB, GYROV0 | SI VERT DABNEY G 25-6 GYRO, OMB, GYRO V0 | ABND VERT DUFFER 3, OMB, Design#1 V0 |
| ABND VERT PLUS5 G 25-5 GYRO, OMB, GYROV0 | SI VERT FREEDOM G 25-5, OMB, Design#1 V0 | ABND VERT KNAUB 22-27 GYRO, OMB, GYROV0 |
| ABND VERT SHELTON G 25-22 GYRO, OMB, GYRO V0 | SI VERT FULPERT G 25-4 GYRO, OMB, GYRO V0 | ABND VERT LUBSACK R G 27-10 GYRO, OMB, GYROV0 |
| EXIST HZ HEARTLAND C3079H, OMB, FINAL SURVEY V0 | ABND VERT SHELTON G 26-27 GYRO, OMB, GYRO V0 | ABND VERT LUBSACK R G 27-15 GYRO, OMB, GYROV0 |
| EXIST HZ HEARTLAND G2572-1H, OMB, FINAL SURVEY V0 | SI VERT SHELTON 18-20X GYRO, OMB, FINAL V0 | ABND VERT OSTER 21-27 GYRO, OMB, GYROV0 |
| EXIST HZ HEARTLAND G2573-1H, OMB, FINAL SURVEY V0 | SI VERT SHELTON 18-20X GYRO, STK, STKV0 | ABND VERT OSTER 27-11 GYRO, OMB, GYRO V0 |
| EXIST HZ SHELTON G2474H, OMB, FINAL SURVEY V0 | ABND VERT BEEBE DRAWR G 26-11 GYRO, OMB, GYRO V0 | ABND VERT OSTER 4-27, OMB, Design#1 V0 |
| EXIST HZ SHELTON G2579H, OMB, FINAL SURVEY V0 | ABND VERT BEEBE DRAWR G 26-12 GYRO, OMB, GYRO V0 | ABND VERT OSTER G 34-26 GYRO, OMB, GYRO V0 |
| EXIST HZ SHELTON G2579H, OMB, FINAL SURVEY V0 | ABND VERT BEEBE DRAWR G 26-14 GYRO, OMB, GYRO V0 | ABND VERT OSTER PM G 27-14 GYRO, OMB, GYROV0 |
| EXIST HZ SHELTON G2579H, OMB, FINAL SURVEY V0 | ABND VERT BEEBE DRAWR G 26-15 GYRO, OMB, GYRO V0 | ABND VERT OSTER R G 27-13 GYRO, OMB, GYROV0 |
| EXIST HZ SHELTON G2579H, OMB, FINAL SURVEY V0 | ABND VERT BEEBE DRAWR G 26-16 GYRO, OMB, GYRO V0 | EXIST HZ ANDERSON 227, OMB, FINAL SURVEY V0 |
| EXIST VERT OOCMA G25-10 GYRO, OMB, GYRO V0 | ABND VERT BEEBE DRAWR G 26-9, OMB, Design#1 V0 | EXIST HZ LUBSACK 44-27, OMB, FINAL SURVEY V0 |
| EXIST VERT OOCMA G25-15 GYRO, OMB, GYRO V0 | ABND VERT DUFFER 2, OMB, Design#1 V0 | EXIST HZ LUBSACK 48-27, OMB, GYRO V0 |
| EXIST VERT PLUS5 G 25-7 GYRO, OMB, GYRO V0 | ABND VERT DUFFER R G 25-5 GYRO, OMB, GYRO V0 | EXIST HZ LUBSACK 84-27, OMB, FINAL SURVEY V0 |
| EXIST VERT SHELTON G 26-02 GYRO, OMB, GYRO V0 | ABND VERT DUFFER R G 26-4, OMB, Design#1 V0 | EXIST HZ LUBSACK 86-27 GYRO, OMB, GYROV0 |
| SHELTON25W-25-01, OMB, PROPOSAL 1 V0 | ABND VERT SHELTON G 26-17 GYRO, OMB, GYRO V0 | EXIST HZ LUBSACK 12A, OMB, FINAL SURVEY V0 |
| SHELTON25W-25-02, OMB, PROPOSAL 1 V0 | EXIST HZ BEEBE DRAW 26-26, OMB, FINAL SURVEY V0 | EXIST VERT ANDERSON 4127, OMB, Design#1 V0 |
| SHELTON25W-25-03, OMB, PROPOSAL 1 V0 | EXIST HZ CENTENNIAL STATE G34-68, OMB, FINAL SURVEY V0 | EXIST VERT HORNBUSACK 1, OMB, Design#1 V0 |
| SHELTON25W-25-04, OMB, PROPOSAL 1 V0 | EXIST VERT ARENS G 26-10 GYRO, OMB, GYRO V0 | EXIST VERT OSTER 13-27 GYRO, OMB, GYROV0 |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation