

Departure Energy Services (US) LP
Phone: 307.265.2231
Fax: 307.472.5064
www.departureus.com



Departure
Energy Services (US) LP

Laramie Energy II, LLC

Garfield County, CO
Sec 24-T7S-R93W (Honea 19-05 Pad)
Honea 24-09C
DD

Plan: Plan #1

Planning Report

09 August, 2010

Laramie Energy II, LLC

Site: Sec 24-T7S-R93W (Honea 19-05 Pad)
Well: Honea 24-09C
Wellbore: DD
Design: Plan #1

Reference Details - WELL CENTRE

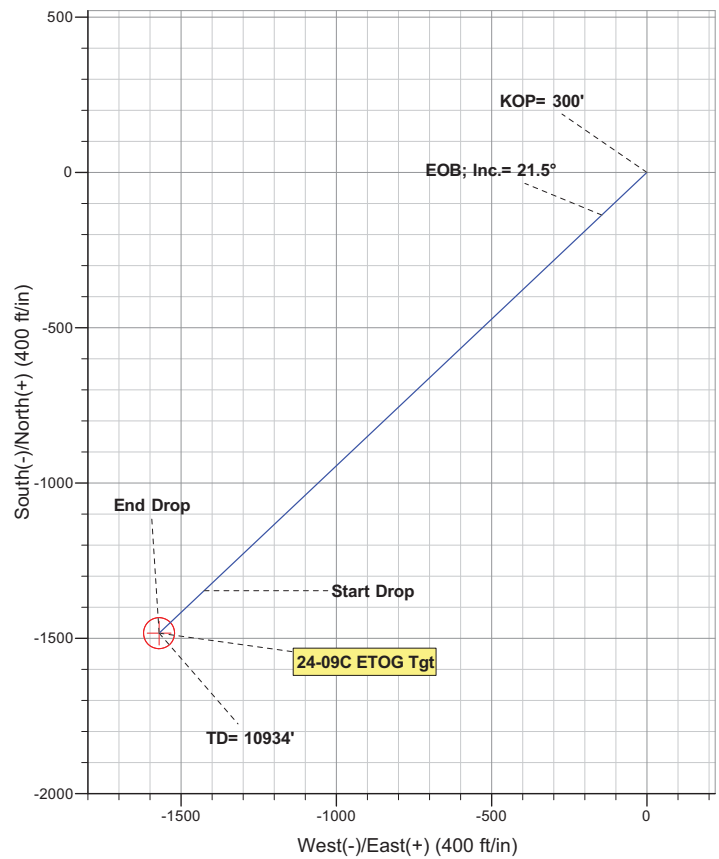
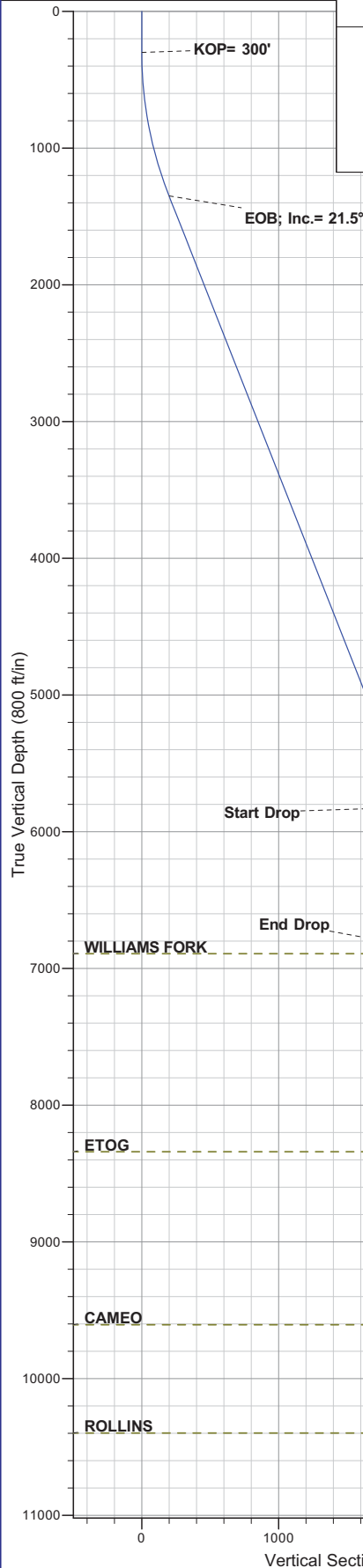
Geodetic System: Universal Transverse Mercator
Ellipsoid: GRS 1980
Zone: Zone 13N (108 W to 102 W)
Northing: 4367887.15
Easting: 257025.23
Latitude: 39° 25' 34.648 N
Longitude: 107° 49' 21.990 W
Grid Convergence: 1.79° East
Ground Elevation: 8563.30
KB Elevation: Est. KB @ 8584.00ft



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SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | DLeg | TFace | VSec | Target |
|-----|----------|--------|--------|----------|----------|----------|------|--------|---------|-----------------|
| 1 | 0.00 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2 | 300.00 | 0.000 | 0.00 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 1375.00 | 21.500 | 226.65 | 1349.95 | -136.85 | -144.94 | 2.00 | 226.65 | 199.34 | |
| 4 | 6181.51 | 21.500 | 226.65 | 5822.01 | -1346.19 | -1425.84 | 0.00 | 0.00 | 1960.93 | |
| 5 | 7256.51 | 0.000 | 0.00 | 6871.96 | -1483.04 | -1570.78 | 2.00 | 180.00 | 2160.27 | |
| 6 | 8725.55 | 0.000 | 0.00 | 8341.00 | -1483.04 | -1570.78 | 0.00 | 0.00 | 2160.27 | 24-09C ETOG Tgt |
| 7 | 10933.55 | 0.000 | 0.00 | 10549.00 | -1483.04 | -1570.78 | 0.00 | 0.00 | 2160.27 | |



Azimuths to True North
Magnetic North: 10.37°
Magnetic Field
Strength: 52299.9snT
Dip Angle: 65.74°
Date: 8/9/2010
Model: IGRF2010

ANNOTATIONS

| TVD | MD | Annotation |
|----------|----------|------------------|
| 300.00 | 300.00 | KOP= 300' |
| 1349.95 | 1375.00 | EOB; Inc.= 21.5° |
| 5822.01 | 6181.51 | Start Drop |
| 6871.96 | 7256.51 | End Drop |
| 10548.99 | 10933.54 | TD= 10934' |

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|----------|----------|---------------|
| 6892.00 | 7276.55 | WILLIAMS FORK |
| 8341.00 | 8725.55 | ETOG |
| 9607.00 | 9991.55 | CAMEO |
| 10399.00 | 10783.55 | ROLLINS |



| | | | |
|------------------|-----------------------------------|-------------------------------------|---------------------|
| Database: | EDM 2003.21 DB | Local Co-ordinate Reference: | Well Honea 24-09C |
| Company: | Laramie Energy II, LLC | TVD Reference: | Est. KB @ 8584.00ft |
| Project: | Garfield County, CO | MD Reference: | Est. KB @ 8584.00ft |
| Site: | Sec 24-T7S-R93W (Honea 19-05 Pad) | North Reference: | True |
| Well: | Honea 24-09C | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | DD | | |
| Design: | Plan #1 | | |

| | | | |
|--------------------|-------------------------------|----------------------|----------------|
| Project | Garfield County, CO | | |
| Map System: | Universal Transverse Mercator | System Datum: | Mean Sea Level |
| Geo Datum: | NAD83 Colorado - HARN | | |
| Map Zone: | Zone 13N (108 W to 102 W) | | |

| | | | | | |
|-----------------------|-----------------------------------|--------------|----------------|-------------------|-------------------|
| Site | Sec 24-T7S-R93W (Honea 19-05 Pad) | | | | |
| Site Position: | | Northing: | 4,367,887.15 m | Latitude: | 39° 25' 34.648 N |
| From: | Lat/Long | Easting: | 257,025.23 m | Longitude: | 107° 49' 21.990 W |
| Position Uncertainty: | 0.00 ft | Slot Radius: | in | Grid Convergence: | -1.79 ° |

| | | | | | | |
|----------------------|--------------|---------|---------------------|----------------|---------------|-------------------|
| Well | Honea 24-09C | | | | | |
| Well Position | +N/-S | 0.00 ft | Northing: | 4,367,887.15 m | Latitude: | 39° 25' 34.648 N |
| | +E/-W | 0.00 ft | Easting: | 257,025.23 m | Longitude: | 107° 49' 21.990 W |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: | ft | Ground Level: | 8,563.30 ft |

| | | | | | |
|------------------|-------------------|--------------------|----------------------------|--------------------------|--------------------------------|
| Wellbore | DD | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 8/9/2010 | 10.37 | 65.74 | 52,300 |

| | | | | |
|--------------------------|----------------------------------|-----------------------|-----------------------|--------------------------|
| Design | Plan #1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 226.65 |

| Plan Sections | | | | | | | | | | | |
|----------------------|------------|------------|-------------|------------|---------------|---------------|-----------------------------|----------------------------|---------------------------|------------|-----------------|
| MD (ft) | Inc (°) | Azi (°) | TVD (ft) | SS (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
| 0.00 | 0.000 | 0.00 | 0.00 | -8,584.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 300.00 | 0.000 | 0.00 | 300.00 | -8,284.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,375.00 | 21.500 | 226.65 | 1,349.95 | -7,234.05 | -136.85 | -144.94 | 2.00 | 2.00 | 0.00 | 226.65 | |
| 6,181.51 | 21.500 | 226.65 | 5,822.01 | -2,761.99 | -1,346.19 | -1,425.84 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,256.51 | 0.000 | 0.00 | 6,871.96 | -1,712.04 | -1,483.04 | -1,570.78 | 2.00 | -2.00 | 0.00 | 180.00 | |
| 8,725.55 | 0.000 | 0.00 | 8,341.00 | -243.00 | -1,483.04 | -1,570.78 | 0.00 | 0.00 | 0.00 | 0.00 | 24-09C ETOG Tgt |
| 10,933.55 | 0.000 | 0.00 | 10,549.00 | 1,965.00 | -1,483.04 | -1,570.78 | 0.00 | 0.00 | 0.00 | 0.00 | |

| | | | |
|------------------|-----------------------------------|-------------------------------------|---------------------|
| Database: | EDM 2003.21 DB | Local Co-ordinate Reference: | Well Honea 24-09C |
| Company: | Laramie Energy II, LLC | TVD Reference: | Est. KB @ 8584.00ft |
| Project: | Garfield County, CO | MD Reference: | Est. KB @ 8584.00ft |
| Site: | Sec 24-T7S-R93W (Honea 19-05 Pad) | North Reference: | True |
| Well: | Honea 24-09C | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | DD | | |
| Design: | Plan #1 | | |

Planned Survey

| MD (ft) | Inc (°) | Azi (°) | TVD (ft) | SS (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|-------------------------|------------|------------|-------------|------------|---------------|---------------|-----------------------------|-----------------------------|----------------------------|---------------------------|
| 200.00 | 0.000 | 0.00 | 200.00 | 8,384.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| KOP= 300' | | | | | | | | | | |
| 300.00 | 0.000 | 0.00 | 300.00 | 8,284.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 400.00 | 2.000 | 226.65 | 399.98 | 8,184.02 | -1.20 | -1.27 | 1.75 | 2.00 | 2.00 | 0.00 |
| 500.00 | 4.000 | 226.65 | 499.84 | 8,084.16 | -4.79 | -5.07 | 6.98 | 2.00 | 2.00 | 0.00 |
| 600.00 | 6.000 | 226.65 | 599.45 | 7,984.55 | -10.77 | -11.41 | 15.69 | 2.00 | 2.00 | 0.00 |
| 700.00 | 8.000 | 226.65 | 698.70 | 7,885.30 | -19.14 | -20.27 | 27.88 | 2.00 | 2.00 | 0.00 |
| 800.00 | 10.000 | 226.65 | 797.47 | 7,786.53 | -29.88 | -31.65 | 43.52 | 2.00 | 2.00 | 0.00 |
| 900.00 | 12.000 | 226.65 | 895.62 | 7,688.38 | -42.98 | -45.52 | 62.60 | 2.00 | 2.00 | 0.00 |
| 1,000.00 | 14.000 | 226.65 | 993.06 | 7,590.94 | -58.42 | -61.88 | 85.10 | 2.00 | 2.00 | 0.00 |
| 1,100.00 | 16.000 | 226.65 | 1,089.64 | 7,494.36 | -76.19 | -80.69 | 110.98 | 2.00 | 2.00 | 0.00 |
| 1,200.00 | 18.000 | 226.65 | 1,185.27 | 7,398.73 | -96.26 | -101.95 | 140.21 | 2.00 | 2.00 | 0.00 |
| 1,300.00 | 20.000 | 226.65 | 1,279.82 | 7,304.18 | -118.61 | -125.62 | 172.77 | 2.00 | 2.00 | 0.00 |
| EOB; Inc.= 21.5° | | | | | | | | | | |
| 1,375.00 | 21.500 | 226.65 | 1,349.95 | 7,234.05 | -136.85 | -144.94 | 199.34 | 2.00 | 2.00 | 0.00 |
| 1,400.00 | 21.500 | 226.65 | 1,373.21 | 7,210.79 | -143.14 | -151.61 | 208.50 | 0.00 | 0.00 | 0.00 |
| Surf. Csg. | | | | | | | | | | |
| 1,500.00 | 21.500 | 226.65 | 1,466.25 | 7,117.75 | -168.30 | -178.26 | 245.15 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 21.500 | 226.65 | 1,559.29 | 7,024.71 | -193.46 | -204.90 | 281.80 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 21.500 | 226.65 | 1,652.33 | 6,931.67 | -218.62 | -231.55 | 318.45 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 21.500 | 226.65 | 1,745.38 | 6,838.62 | -243.78 | -258.20 | 355.10 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 21.500 | 226.65 | 1,838.42 | 6,745.58 | -268.94 | -284.85 | 391.75 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 21.500 | 226.65 | 1,931.46 | 6,652.54 | -294.10 | -311.50 | 428.40 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 21.500 | 226.65 | 2,024.50 | 6,559.50 | -319.26 | -338.15 | 465.05 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 21.500 | 226.65 | 2,117.54 | 6,466.46 | -344.42 | -364.80 | 501.70 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 21.500 | 226.65 | 2,210.58 | 6,373.42 | -369.58 | -391.45 | 538.35 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 21.500 | 226.65 | 2,303.63 | 6,280.37 | -394.74 | -418.10 | 575.00 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 21.500 | 226.65 | 2,396.67 | 6,187.33 | -419.90 | -444.75 | 611.65 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 21.500 | 226.65 | 2,489.71 | 6,094.29 | -445.06 | -471.40 | 648.30 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 21.500 | 226.65 | 2,582.75 | 6,001.25 | -470.22 | -498.05 | 684.95 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 21.500 | 226.65 | 2,675.79 | 5,908.21 | -495.39 | -524.70 | 721.60 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 21.500 | 226.65 | 2,768.84 | 5,815.16 | -520.55 | -551.34 | 758.25 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 21.500 | 226.65 | 2,861.88 | 5,722.12 | -545.71 | -577.99 | 794.90 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 21.500 | 226.65 | 2,954.92 | 5,629.08 | -570.87 | -604.64 | 831.55 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 21.500 | 226.65 | 3,047.96 | 5,536.04 | -596.03 | -631.29 | 868.20 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 21.500 | 226.65 | 3,141.00 | 5,443.00 | -621.19 | -657.94 | 904.85 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 21.500 | 226.65 | 3,234.04 | 5,349.96 | -646.35 | -684.59 | 941.50 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 21.500 | 226.65 | 3,327.09 | 5,256.91 | -671.51 | -711.24 | 978.15 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 21.500 | 226.65 | 3,420.13 | 5,163.87 | -696.67 | -737.89 | 1,014.80 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 21.500 | 226.65 | 3,513.17 | 5,070.83 | -721.83 | -764.54 | 1,051.45 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 21.500 | 226.65 | 3,606.21 | 4,977.79 | -746.99 | -791.19 | 1,088.10 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 21.500 | 226.65 | 3,699.25 | 4,884.75 | -772.15 | -817.84 | 1,124.75 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 21.500 | 226.65 | 3,792.29 | 4,791.71 | -797.31 | -844.49 | 1,161.40 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 21.500 | 226.65 | 3,885.34 | 4,698.66 | -822.47 | -871.13 | 1,198.05 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 21.500 | 226.65 | 3,978.38 | 4,605.62 | -847.63 | -897.78 | 1,234.70 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 21.500 | 226.65 | 4,071.42 | 4,512.58 | -872.79 | -924.43 | 1,271.36 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 21.500 | 226.65 | 4,164.46 | 4,419.54 | -897.95 | -951.08 | 1,308.01 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 21.500 | 226.65 | 4,257.50 | 4,326.50 | -923.11 | -977.73 | 1,344.66 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 21.500 | 226.65 | 4,350.55 | 4,233.45 | -948.27 | -1,004.38 | 1,381.31 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 21.500 | 226.65 | 4,443.59 | 4,140.41 | -973.44 | -1,031.03 | 1,417.96 | 0.00 | 0.00 | 0.00 |
| 4,800.00 | 21.500 | 226.65 | 4,536.63 | 4,047.37 | -998.60 | -1,057.68 | 1,454.61 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 21.500 | 226.65 | 4,629.67 | 3,954.33 | -1,023.76 | -1,084.33 | 1,491.26 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|-----------------------------------|-------------------------------------|---------------------|
| Database: | EDM 2003.21 DB | Local Co-ordinate Reference: | Well Honea 24-09C |
| Company: | Laramie Energy II, LLC | TVD Reference: | Est. KB @ 8584.00ft |
| Project: | Garfield County, CO | MD Reference: | Est. KB @ 8584.00ft |
| Site: | Sec 24-T7S-R93W (Honea 19-05 Pad) | North Reference: | True |
| Well: | Honea 24-09C | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | DD | | |
| Design: | Plan #1 | | |

Planned Survey

| MD (ft) | Inc (°) | Azi (°) | TVD (ft) | SS (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|-------------------------------|------------|------------|-------------|------------|---------------|---------------|-----------------------------|-----------------------------|----------------------------|---------------------------|
| 5,000.00 | 21.500 | 226.65 | 4,722.71 | 3,861.29 | -1,048.92 | -1,110.98 | 1,527.91 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 21.500 | 226.65 | 4,815.75 | 3,768.25 | -1,074.08 | -1,137.63 | 1,564.56 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 21.500 | 226.65 | 4,908.80 | 3,675.20 | -1,099.24 | -1,164.28 | 1,601.21 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 21.500 | 226.65 | 5,001.84 | 3,582.16 | -1,124.40 | -1,190.92 | 1,637.86 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 21.500 | 226.65 | 5,094.88 | 3,489.12 | -1,149.56 | -1,217.57 | 1,674.51 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 21.500 | 226.65 | 5,187.92 | 3,396.08 | -1,174.72 | -1,244.22 | 1,711.16 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 21.500 | 226.65 | 5,280.96 | 3,303.04 | -1,199.88 | -1,270.87 | 1,747.81 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 21.500 | 226.65 | 5,374.00 | 3,210.00 | -1,225.04 | -1,297.52 | 1,784.46 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 21.500 | 226.65 | 5,467.05 | 3,116.95 | -1,250.20 | -1,324.17 | 1,821.11 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 21.500 | 226.65 | 5,560.09 | 3,023.91 | -1,275.36 | -1,350.82 | 1,857.76 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 21.500 | 226.65 | 5,653.13 | 2,930.87 | -1,300.52 | -1,377.47 | 1,894.41 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 21.500 | 226.65 | 5,746.17 | 2,837.83 | -1,325.68 | -1,404.12 | 1,931.06 | 0.00 | 0.00 | 0.00 |
| Start Drop | | | | | | | | | | |
| 6,181.51 | 21.500 | 226.65 | 5,822.01 | 2,761.99 | -1,346.19 | -1,425.84 | 1,960.93 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 21.130 | 226.65 | 5,839.24 | 2,744.76 | -1,350.81 | -1,430.73 | 1,967.65 | 2.00 | -2.00 | 0.00 |
| 6,300.00 | 19.130 | 226.65 | 5,933.12 | 2,650.88 | -1,374.43 | -1,455.75 | 2,002.07 | 2.00 | -2.00 | 0.00 |
| 6,400.00 | 17.130 | 226.65 | 6,028.15 | 2,555.85 | -1,395.79 | -1,478.38 | 2,033.18 | 2.00 | -2.00 | 0.00 |
| 6,500.00 | 15.130 | 226.65 | 6,124.21 | 2,459.79 | -1,414.86 | -1,498.58 | 2,060.96 | 2.00 | -2.00 | 0.00 |
| 6,600.00 | 13.130 | 226.65 | 6,221.18 | 2,362.82 | -1,431.62 | -1,516.33 | 2,085.37 | 2.00 | -2.00 | 0.00 |
| 6,700.00 | 11.130 | 226.65 | 6,318.94 | 2,265.06 | -1,446.05 | -1,531.60 | 2,106.39 | 2.00 | -2.00 | 0.00 |
| 6,800.00 | 9.130 | 226.65 | 6,417.38 | 2,166.62 | -1,458.12 | -1,544.39 | 2,123.97 | 2.00 | -2.00 | 0.00 |
| 6,900.00 | 7.130 | 226.65 | 6,516.37 | 2,067.63 | -1,467.83 | -1,554.68 | 2,138.12 | 2.00 | -2.00 | 0.00 |
| 7,000.00 | 5.130 | 226.65 | 6,615.79 | 1,968.21 | -1,475.16 | -1,562.44 | 2,148.79 | 2.00 | -2.00 | 0.00 |
| 7,100.00 | 3.130 | 226.65 | 6,715.53 | 1,868.47 | -1,480.10 | -1,567.68 | 2,156.00 | 2.00 | -2.00 | 0.00 |
| 7,200.00 | 1.130 | 226.65 | 6,815.45 | 1,768.55 | -1,482.66 | -1,570.38 | 2,159.71 | 2.00 | -2.00 | 0.00 |
| End Drop | | | | | | | | | | |
| 7,256.51 | 0.000 | 0.00 | 6,871.96 | 1,712.04 | -1,483.04 | -1,570.78 | 2,160.27 | 2.00 | -2.00 | 235.98 |
| WILLIAMS FORK | | | | | | | | | | |
| 7,276.55 | 0.000 | 0.00 | 6,892.00 | 1,692.00 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 7,300.00 | 0.000 | 0.00 | 6,915.45 | 1,668.55 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 7,400.00 | 0.000 | 0.00 | 7,015.45 | 1,568.55 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 7,500.00 | 0.000 | 0.00 | 7,115.45 | 1,468.55 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 7,600.00 | 0.000 | 0.00 | 7,215.45 | 1,368.55 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 7,700.00 | 0.000 | 0.00 | 7,315.45 | 1,268.55 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 7,800.00 | 0.000 | 0.00 | 7,415.45 | 1,168.55 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 7,900.00 | 0.000 | 0.00 | 7,515.45 | 1,068.55 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 8,000.00 | 0.000 | 0.00 | 7,615.45 | 968.55 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 8,100.00 | 0.000 | 0.00 | 7,715.45 | 868.55 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 8,200.00 | 0.000 | 0.00 | 7,815.45 | 768.55 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 8,300.00 | 0.000 | 0.00 | 7,915.45 | 668.55 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 8,400.00 | 0.000 | 0.00 | 8,015.45 | 568.55 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 8,500.00 | 0.000 | 0.00 | 8,115.45 | 468.55 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 8,600.00 | 0.000 | 0.00 | 8,215.45 | 368.55 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 8,700.00 | 0.000 | 0.00 | 8,315.45 | 268.55 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| ETOG - 24-09C ETOG Tgt | | | | | | | | | | |
| 8,725.55 | 0.000 | 0.00 | 8,341.00 | 243.00 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 8,800.00 | 0.000 | 0.00 | 8,415.45 | 168.55 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 8,900.00 | 0.000 | 0.00 | 8,515.45 | 68.55 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 9,000.00 | 0.000 | 0.00 | 8,615.45 | -31.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 9,100.00 | 0.000 | 0.00 | 8,715.45 | -131.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 9,200.00 | 0.000 | 0.00 | 8,815.45 | -231.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 9,300.00 | 0.000 | 0.00 | 8,915.45 | -331.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |



| | | | |
|------------------|-----------------------------------|-------------------------------------|---------------------|
| Database: | EDM 2003.21 DB | Local Co-ordinate Reference: | Well Honea 24-09C |
| Company: | Laramie Energy II, LLC | TVD Reference: | Est. KB @ 8584.00ft |
| Project: | Garfield County, CO | MD Reference: | Est. KB @ 8584.00ft |
| Site: | Sec 24-T7S-R93W (Honea 19-05 Pad) | North Reference: | True |
| Well: | Honea 24-09C | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | DD | | |
| Design: | Plan #1 | | |

Planned Survey

| MD (ft) | Inc (°) | Azi (°) | TVD (ft) | SS (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|-------------------|------------|------------|-------------|------------|---------------|---------------|-----------------------------|-----------------------------|----------------------------|---------------------------|
| 9,400.00 | 0.000 | 0.00 | 9,015.45 | -431.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 9,500.00 | 0.000 | 0.00 | 9,115.45 | -531.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 9,600.00 | 0.000 | 0.00 | 9,215.45 | -631.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 9,700.00 | 0.000 | 0.00 | 9,315.45 | -731.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 9,800.00 | 0.000 | 0.00 | 9,415.45 | -831.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 9,900.00 | 0.000 | 0.00 | 9,515.45 | -931.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| CAMEO | | | | | | | | | | |
| 9,991.55 | 0.000 | 0.00 | 9,607.00 | -1,023.00 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 10,000.00 | 0.000 | 0.00 | 9,615.45 | -1,031.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 10,100.00 | 0.000 | 0.00 | 9,715.45 | -1,131.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 10,200.00 | 0.000 | 0.00 | 9,815.45 | -1,231.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 10,300.00 | 0.000 | 0.00 | 9,915.45 | -1,331.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 10,400.00 | 0.000 | 0.00 | 10,015.45 | -1,431.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 10,500.00 | 0.000 | 0.00 | 10,115.45 | -1,531.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 10,600.00 | 0.000 | 0.00 | 10,215.45 | -1,631.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 10,700.00 | 0.000 | 0.00 | 10,315.45 | -1,731.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| ROLLINS | | | | | | | | | | |
| 10,783.55 | 0.000 | 0.00 | 10,399.00 | -1,815.00 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 10,800.00 | 0.000 | 0.00 | 10,415.45 | -1,831.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 10,900.00 | 0.000 | 0.00 | 10,515.45 | -1,931.45 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| TD= 10934' | | | | | | | | | | |
| 10,933.54 | 0.000 | 0.00 | 10,548.99 | -1,964.99 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |
| 10,933.55 | 0.000 | 0.00 | 10,549.00 | -1,965.00 | -1,483.04 | -1,570.78 | 2,160.27 | 0.00 | 0.00 | 0.00 |

Targets

| Target Name - hit/miss target - Shape | Dip Angle | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (m) | Easting (m) | Latitude | Longitude |
|---|--------------|-----------------|-------------|---------------|---------------|-----------------|----------------|------------------|-------------------|
| 24-09C ETOG Tot - plan hits target center - Circle (radius 50.00) | 0.00 | 0.00 | 8,341.00 | -1,483.04 | -1,570.78 | 4,367,450.33 | 256,532.54 | 39° 25' 19.995 N | 107° 49' 42.000 W |

Casing Points

| MD (ft) | TVD (ft) | Name | Casing Diameter (in) | Hole Diameter (in) |
|------------|-------------|------------|----------------------------|--------------------------|
| 1,500.00 | 1,466.25 | Surf. Csg. | | |

Formations

| MD (ft) | TVD (ft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|------------|-------------|---------------|-----------|------------|-------------------------|
| 7,276.55 | 6,892.00 | WILLIAMS FORK | | 0.00 | |
| 8,725.55 | 8,341.00 | ETOG | | 0.00 | |
| 9,991.55 | 9,607.00 | CAMEO | | 0.00 | |
| 10,783.55 | 10,399.00 | ROLLINS | | 0.00 | |

| | | | |
|------------------|-----------------------------------|-------------------------------------|---------------------|
| Database: | EDM 2003.21 DB | Local Co-ordinate Reference: | Well Honea 24-09C |
| Company: | Laramie Energy II, LLC | TVD Reference: | Est. KB @ 8584.00ft |
| Project: | Garfield County, CO | MD Reference: | Est. KB @ 8584.00ft |
| Site: | Sec 24-T7S-R93W (Honea 19-05 Pad) | North Reference: | True |
| Well: | Honea 24-09C | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | DD | | |
| Design: | Plan #1 | | |

| Plan Annotations | | | | |
|-------------------|-------------|---------------|---------------|------------------|
| Local Coordinates | | | | |
| MD (ft) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Comment |
| 300.00 | 300.00 | 0.00 | 0.00 | KOP= 300' |
| 1,375.00 | 1,349.95 | -136.85 | -144.94 | EOB; Inc.= 21.5° |
| 6,181.51 | 5,822.01 | -1,346.19 | -1,425.84 | Start Drop |
| 7,256.51 | 6,871.96 | -1,483.04 | -1,570.78 | End Drop |
| 10,933.54 | 10,548.99 | -1,483.04 | -1,570.78 | TD= 10934' |