



Ursa Operating Company, LLC

Rockies Region

Watson Ranch B

WATSON RANCH B 23C-17-07-95

Wellbore #1

Plan: Design #1

Ursa Operating Company LLC Planning Report

20 November, 2014



| | | | |
|------------------|-----------------------------|-------------------------------------|---|
| Company: | Ursa Operating Company, LLC | Local Co-ordinate Reference: | Well WATSON RANCH B 23C-17-07-95 |
| Project: | Rockies Region | TVD Reference: | WATSON RANCH B 23C-17-07-95 @ 5598.0usft (PAD |
| Site: | Watson Ranch B | MD Reference: | WATSON RANCH B 23C-17-07-95 @ 5598.0usft (PAD |
| Well: | WATSON RANCH B 23C-17-07-95 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Design #1 | Database: | MasterDB |

| Project | | Rockies Region | |
|-------------|---------------------------|----------------|----------------|
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Central Zone | | |

| | | | | | |
|-----------------------|----------|----------------|--|-------------------|------------------|
| Site | | Watson Ranch B | | | |
| Site Position: | | Northing: | | 1,592,643.01 usft | |
| From: | Lat/Long | Easting: | | 2,287,301.12 usft | |
| Position Uncertainty: | 0.0 usft | Slot Radius: | | 13-3/16 " | |
| | | | | Latitude: | 39° 26' 0.219 N |
| | | | | Longitude: | 108° 1' 24.909 W |
| | | | | Grid Convergence: | -1.59 ° |

| Well | | WATSON RANCH B 23C-17-07-95, SHL LAT: 39.433331717 LONG: -108.023628650 | | | | |
|----------------------|-------|---|---------------------|-------------------|---------------|------------------|
| Well Position | +N/-S | 0.0 usft | Northing: | 1,592,620.63 usft | Latitude: | 39° 25' 59.994 N |
| | +E/-W | 0.0 usft | Easting: | 2,287,288.39 usft | Longitude: | 108° 1' 25.063 W |
| Position Uncertainty | | 0.0 usft | Wellhead Elevation: | 5,598.0 usft | Ground Level: | 5,585.0 usft |

| | | | | | |
|-----------|-------------|-------------|-----------------|---------------|---------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 11/19/2014 | 9.92 | 65.59 | 51,870 |

| | | | | |
|-------------------|----------------------------|----------------|-----------------|------------------|
| Design | Design #1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (usft) | +N-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 6.46 |

| Survey Tool Program | | Date | 11/20/2014 | | |
|---------------------|--------------|-------------------------|------------|----------------|--|
| From (usft) | To (usft) | Survey (Wellbore) | Tool Name | Description | |
| 0.0 | 6,808.4 | Design #1 (Wellbore #1) | MWD | MWD - Standard | |

| | | | |
|------------------|-----------------------------|-------------------------------------|---|
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| Project: | Rockies Region | TVD Reference: | WATSON RANCH B 23C-17-07-95 @ 5598.0usft (PAD |
| Site: | Watson Ranch B | MD Reference: | WATSON RANCH B 23C-17-07-95 @ 5598.0usft (PAD |
| Well: | WATSON RANCH B 23C-17-07-95 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Design #1 | Database: | MasterDB |

| Planned Survey | | | | | | | | | | |
|--------------------------------------|------------|----------------------|---------------|-----------------|---------------|---------------|------------------|---------------------|--------------------|-------------------|
| MD (usft) | Inc (°) | Azi (azimuth) (°) | TVD (usft) | TVDSS (usft) | N/S (usft) | E/W (usft) | V. Sec (usft) | DLeg (°/100usft) | Northing (usft) | Easting (usft) |
| 0.0 | 0.00 | 0.00 | 0.0 | -5,598.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1,592,620.63 | 2,287,288.39 |
| 100.0 | 0.00 | 0.00 | 100.0 | -5,498.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1,592,620.63 | 2,287,288.39 |
| 200.0 | 0.00 | 0.00 | 200.0 | -5,398.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1,592,620.63 | 2,287,288.39 |
| 300.0 | 0.00 | 0.00 | 300.0 | -5,298.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1,592,620.63 | 2,287,288.39 |
| Start Build 3.00 | | | | | | | | | | |
| 400.0 | 3.00 | 6.46 | 400.0 | -5,198.0 | 2.6 | 0.3 | 2.6 | 3.00 | 1,592,623.23 | 2,287,288.76 |
| 500.0 | 6.00 | 6.46 | 499.6 | -5,098.4 | 10.4 | 1.2 | 10.5 | 3.00 | 1,592,630.99 | 2,287,289.86 |
| 596.6 | 8.90 | 6.46 | 595.4 | -5,002.6 | 22.8 | 2.6 | 23.0 | 3.00 | 1,592,643.39 | 2,287,291.61 |
| Start 3657.2 hold at 596.6 MD | | | | | | | | | | |
| 600.0 | 8.90 | 6.46 | 598.8 | -4,999.2 | 23.4 | 2.6 | 23.5 | 0.00 | 1,592,643.91 | 2,287,291.68 |
| 700.0 | 8.90 | 6.46 | 697.6 | -4,900.4 | 38.7 | 4.4 | 39.0 | 0.00 | 1,592,659.23 | 2,287,293.85 |
| 800.0 | 8.90 | 6.46 | 796.4 | -4,801.6 | 54.1 | 6.1 | 54.4 | 0.00 | 1,592,674.54 | 2,287,296.01 |
| 900.0 | 8.90 | 6.46 | 895.2 | -4,702.8 | 69.5 | 7.9 | 69.9 | 0.00 | 1,592,689.86 | 2,287,298.18 |
| 1,000.0 | 8.90 | 6.46 | 994.0 | -4,604.0 | 84.8 | 9.6 | 85.4 | 0.00 | 1,592,705.17 | 2,287,300.35 |
| 1,100.0 | 8.90 | 6.46 | 1,092.8 | -4,505.2 | 100.2 | 11.3 | 100.8 | 0.00 | 1,592,720.48 | 2,287,302.51 |
| 1,200.0 | 8.90 | 6.46 | 1,191.5 | -4,406.5 | 115.6 | 13.1 | 116.3 | 0.00 | 1,592,735.80 | 2,287,304.68 |
| 1,300.0 | 8.90 | 6.46 | 1,290.3 | -4,307.7 | 130.9 | 14.8 | 131.8 | 0.00 | 1,592,751.11 | 2,287,306.84 |
| 1,400.0 | 8.90 | 6.46 | 1,389.1 | -4,208.9 | 146.3 | 16.6 | 147.2 | 0.00 | 1,592,766.43 | 2,287,309.01 |
| 1,500.0 | 8.90 | 6.46 | 1,487.9 | -4,110.1 | 161.7 | 18.3 | 162.7 | 0.00 | 1,592,781.74 | 2,287,311.17 |
| 1,600.0 | 8.90 | 6.46 | 1,586.7 | -4,011.3 | 177.0 | 20.0 | 178.2 | 0.00 | 1,592,797.06 | 2,287,313.34 |
| 1,700.0 | 8.90 | 6.46 | 1,685.5 | -3,912.5 | 192.4 | 21.8 | 193.6 | 0.00 | 1,592,812.37 | 2,287,315.51 |
| 1,714.6 | 8.90 | 6.46 | 1,700.0 | -3,898.0 | 194.7 | 22.0 | 195.9 | 0.00 | 1,592,814.61 | 2,287,315.82 |
| Surface Casing | | | | | | | | | | |
| 1,800.0 | 8.90 | 6.46 | 1,784.3 | -3,813.7 | 207.8 | 23.5 | 209.1 | 0.00 | 1,592,827.69 | 2,287,317.67 |
| 1,900.0 | 8.90 | 6.46 | 1,883.1 | -3,714.9 | 223.2 | 25.3 | 224.6 | 0.00 | 1,592,843.00 | 2,287,319.84 |
| 2,000.0 | 8.90 | 6.46 | 1,981.9 | -3,616.1 | 238.5 | 27.0 | 240.0 | 0.00 | 1,592,858.31 | 2,287,322.00 |
| 2,100.0 | 8.90 | 6.46 | 2,080.7 | -3,517.3 | 253.9 | 28.7 | 255.5 | 0.00 | 1,592,873.63 | 2,287,324.17 |
| 2,200.0 | 8.90 | 6.46 | 2,179.5 | -3,418.5 | 269.3 | 30.5 | 271.0 | 0.00 | 1,592,888.94 | 2,287,326.33 |

| | | | |
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| Well: | WATSON RANCH B 23C-17-07-95 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Design #1 | Database: | MasterDB |

| Planned Survey | | | | | | | | | | |
|-------------------------|------------|----------------------|---------------|-----------------|---------------|---------------|------------------|---------------------|--------------------|-------------------|
| MD (usft) | Inc (°) | Azi (azimuth) (°) | TVD (usft) | TVDSS (usft) | N/S (usft) | E/W (usft) | V. Sec (usft) | DLeg (°/100usft) | Northing (usft) | Easting (usft) |
| 2,300.0 | 8.90 | 6.46 | 2,278.3 | -3,319.7 | 284.6 | 32.2 | 286.4 | 0.00 | 1,592,904.26 | 2,287,328.50 |
| 2,400.0 | 8.90 | 6.46 | 2,377.1 | -3,220.9 | 300.0 | 34.0 | 301.9 | 0.00 | 1,592,919.57 | 2,287,330.67 |
| 2,500.0 | 8.90 | 6.46 | 2,475.9 | -3,122.1 | 315.4 | 35.7 | 317.4 | 0.00 | 1,592,934.89 | 2,287,332.83 |
| 2,600.0 | 8.90 | 6.46 | 2,574.7 | -3,023.3 | 330.7 | 37.4 | 332.8 | 0.00 | 1,592,950.20 | 2,287,335.00 |
| 2,700.0 | 8.90 | 6.46 | 2,673.5 | -2,924.5 | 346.1 | 39.2 | 348.3 | 0.00 | 1,592,965.51 | 2,287,337.16 |
| 2,800.0 | 8.90 | 6.46 | 2,772.3 | -2,825.7 | 361.5 | 40.9 | 363.8 | 0.00 | 1,592,980.83 | 2,287,339.33 |
| 2,900.0 | 8.90 | 6.46 | 2,871.1 | -2,726.9 | 376.8 | 42.7 | 379.2 | 0.00 | 1,592,996.14 | 2,287,341.49 |
| 3,000.0 | 8.90 | 6.46 | 2,969.9 | -2,628.1 | 392.2 | 44.4 | 394.7 | 0.00 | 1,593,011.46 | 2,287,343.66 |
| 3,100.0 | 8.90 | 6.46 | 3,068.7 | -2,529.3 | 407.6 | 46.1 | 410.2 | 0.00 | 1,593,026.77 | 2,287,345.83 |
| 3,200.0 | 8.90 | 6.46 | 3,167.5 | -2,430.5 | 422.9 | 47.9 | 425.6 | 0.00 | 1,593,042.09 | 2,287,347.99 |
| 3,300.0 | 8.90 | 6.46 | 3,266.3 | -2,331.7 | 438.3 | 49.6 | 441.1 | 0.00 | 1,593,057.40 | 2,287,350.16 |
| 3,400.0 | 8.90 | 6.46 | 3,365.1 | -2,232.9 | 453.7 | 51.4 | 456.6 | 0.00 | 1,593,072.71 | 2,287,352.32 |
| 3,500.0 | 8.90 | 6.46 | 3,463.9 | -2,134.1 | 469.0 | 53.1 | 472.0 | 0.00 | 1,593,088.03 | 2,287,354.49 |
| 3,555.8 | 8.90 | 6.46 | 3,519.0 | -2,079.0 | 477.6 | 54.1 | 480.7 | 0.00 | 1,593,096.57 | 2,287,355.70 |
| Williams Fork | | | | | | | | | | |
| 3,600.0 | 8.90 | 6.46 | 3,562.7 | -2,035.3 | 484.4 | 54.8 | 487.5 | 0.00 | 1,593,103.34 | 2,287,356.66 |
| 3,700.0 | 8.90 | 6.46 | 3,661.5 | -1,936.5 | 499.8 | 56.6 | 503.0 | 0.00 | 1,593,118.66 | 2,287,358.82 |
| 3,800.0 | 8.90 | 6.46 | 3,760.3 | -1,837.7 | 515.2 | 58.3 | 518.4 | 0.00 | 1,593,133.97 | 2,287,360.99 |
| 3,900.0 | 8.90 | 6.46 | 3,859.1 | -1,738.9 | 530.5 | 60.0 | 533.9 | 0.00 | 1,593,149.29 | 2,287,363.15 |
| 4,000.0 | 8.90 | 6.46 | 3,957.9 | -1,640.1 | 545.9 | 61.8 | 549.4 | 0.00 | 1,593,164.60 | 2,287,365.32 |
| 4,100.0 | 8.90 | 6.46 | 4,056.7 | -1,541.3 | 561.3 | 63.5 | 564.8 | 0.00 | 1,593,179.91 | 2,287,367.48 |
| 4,200.0 | 8.90 | 6.46 | 4,155.4 | -1,442.6 | 576.6 | 65.3 | 580.3 | 0.00 | 1,593,195.23 | 2,287,369.65 |
| 4,253.8 | 8.90 | 6.46 | 4,208.6 | -1,389.4 | 584.9 | 66.2 | 588.6 | 0.00 | 1,593,203.47 | 2,287,370.82 |
| Start Drop -3.00 | | | | | | | | | | |
| 4,300.0 | 7.51 | 6.46 | 4,254.3 | -1,343.7 | 591.4 | 66.9 | 595.2 | 3.00 | 1,593,210.00 | 2,287,371.74 |
| 4,400.0 | 4.51 | 6.46 | 4,353.8 | -1,244.2 | 601.9 | 68.1 | 605.7 | 3.00 | 1,593,220.36 | 2,287,373.20 |
| 4,500.0 | 1.51 | 6.46 | 4,453.6 | -1,144.4 | 607.1 | 68.7 | 611.0 | 3.00 | 1,593,225.57 | 2,287,373.94 |

| | | | |
|------------------|-----------------------------|-------------------------------------|---|
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| Site: | Watson Ranch B | MD Reference: | WATSON RANCH B 23C-17-07-95 @ 5598.0usft (PAD |
| Well: | WATSON RANCH B 23C-17-07-95 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Design #1 | Database: | MasterDB |

| Planned Survey | | | | | | | | | | | |
|--|------------|----------------------|---------------|-----------------|---------------|---------------|------------------|---------------------|--------------------|-------------------|--|
| MD (usft) | Inc (°) | Azi (azimuth) (°) | TVD (usft) | TVDSS (usft) | N/S (usft) | E/W (usft) | V. Sec (usft) | DLeg (°/100usft) | Northing (usft) | Easting (usft) | |
| 4,550.4 | 0.00 | 0.00 | 4,504.0 | -1,094.0 | 607.7 | 68.8 | 611.6 | 3.00 | 1,593,226.22 | 2,287,374.03 | |
| Back to Vertical - Start 2258.0 hold at 4550.4 MD - Top of Gas - 23C-17-07-95 TGT | | | | | | | | | | | |
| 4,600.0 | 0.00 | 0.00 | 4,553.6 | -1,044.4 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 4,700.0 | 0.00 | 0.00 | 4,653.6 | -944.4 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 4,800.0 | 0.00 | 0.00 | 4,753.6 | -844.4 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 4,900.0 | 0.00 | 0.00 | 4,853.6 | -744.4 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 5,000.0 | 0.00 | 0.00 | 4,953.6 | -644.4 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 5,100.0 | 0.00 | 0.00 | 5,053.6 | -544.4 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 5,200.0 | 0.00 | 0.00 | 5,153.6 | -444.4 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 5,300.0 | 0.00 | 0.00 | 5,253.6 | -344.4 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 5,400.0 | 0.00 | 0.00 | 5,353.6 | -244.4 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 5,500.0 | 0.00 | 0.00 | 5,453.6 | -144.4 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 5,600.0 | 0.00 | 0.00 | 5,553.6 | -44.4 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 5,700.0 | 0.00 | 0.00 | 5,653.6 | 55.6 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 5,800.0 | 0.00 | 0.00 | 5,753.6 | 155.6 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 5,900.0 | 0.00 | 0.00 | 5,853.6 | 255.6 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 5,997.4 | 0.00 | 0.00 | 5,951.0 | 353.0 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| Cameo | | | | | | | | | | | |
| 6,000.0 | 0.00 | 0.00 | 5,953.6 | 355.6 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 6,100.0 | 0.00 | 0.00 | 6,053.6 | 455.6 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 6,200.0 | 0.00 | 0.00 | 6,153.6 | 555.6 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 6,300.0 | 0.00 | 0.00 | 6,253.6 | 655.6 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 6,400.0 | 0.00 | 0.00 | 6,353.6 | 755.6 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 6,500.0 | 0.00 | 0.00 | 6,453.6 | 855.6 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 6,508.4 | 0.00 | 0.00 | 6,462.0 | 864.0 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| Rollins | | | | | | | | | | | |
| 6,600.0 | 0.00 | 0.00 | 6,553.6 | 955.6 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |
| 6,700.0 | 0.00 | 0.00 | 6,653.6 | 1,055.6 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 | |

| | | | |
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| Well: | WATSON RANCH B 23C-17-07-95 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Design #1 | Database: | MasterDB |

| Planned Survey | | | | | | | | | | |
|----------------|------------|----------------------|---------------|-----------------|---------------|---------------|------------------|---------------------|--------------------|-------------------|
| MD (usft) | Inc (°) | Azi (azimuth) (°) | TVD (usft) | TVDSS (usft) | N/S (usft) | E/W (usft) | V. Sec (usft) | DLeg (°/100usft) | Northing (usft) | Easting (usft) |
| 6,808.4 | 0.00 | 0.00 | 6,762.0 | 1,164.0 | 607.7 | 68.8 | 611.6 | 0.00 | 1,593,226.22 | 2,287,374.03 |
| TD at 6808.4 | | | | | | | | | | |

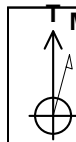
| Formations | | | | | | |
|-----------------------------|-----------------------------|---------------|-----------|------------|-------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 6,508.4 | 6,462.0 | Rollins | | 0.00 | | |
| 3,555.8 | 3,519.0 | Williams Fork | | 0.00 | | |
| 5,997.4 | 5,951.0 | Cameo | | 0.00 | | |
| 4,550.4 | 4,504.0 | Top of Gas | | 0.00 | | |

| Plan Annotations | | | | | |
|-----------------------------|-----------------------------|-------------------|-----------------|--------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | | |
| | | +N/-S (usft) | +E/-W (usft) | Comment | |
| 300.0 | 300.0 | 0.0 | 0.0 | Start Build 3.00 | |
| 596.6 | 595.4 | 22.8 | 2.6 | Start 3657.2 hold at 596.6 MD | |
| 1,714.6 | 1,700.0 | 194.7 | 22.0 | Surface Casing | |
| 4,253.8 | 4,208.6 | 584.9 | 66.2 | Start Drop -3.00 | |
| 4,550.4 | 4,504.0 | 607.7 | 68.8 | Back to Vertical | |
| 4,550.4 | 4,504.0 | 607.7 | 68.8 | Start 2258.0 hold at 4550.4 MD | |
| 6,808.4 | 6,762.0 | 607.7 | 68.8 | TD at 6808.4 | |

Checked By: _____ Approved By: _____ Date: _____



Well Name: WATSON RANCH B 23C-17-07-95
Surface Location: Watson Ranch B
North American Datum 1983, US State Plane 1983, Colorado Central Zone
Ground Elevation: 5585.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1592620.63 2287288.39 39° 25' 59.994 N 108° 1' 25.063 W
PAD Est KB WATSON RANCH B 23C-17-07-95 @ 5598.0usft (PAD Est KB)



Azimuths to True North
Magnetic North: 9.91°
Magnetic Field
Strength: 51869.7nT
Dip Angle: 65.59°
Date: 11/19/2014
Model: IGRF2010

Watson Ranch B
WATSON RANCH B 23C-17-07-95
Design #1
14:20, November 20 2014

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Shape |
|------------------------|-----|-------|-------|------------|------------|-----------------|------------------|---------------------------------|
| 23C-17-07-95 TGT4504.0 | | 607.7 | 68.8 | 1593226.22 | 2287374.03 | 39° 26' 6.001 N | 108° 1' 24.186 W | Rectangle (Sides: L40.0 W100.0) |

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSec | Target |
|-----|--------|------|------|--------|-------|-------|------|--------|-------|------------------|
| 1 | 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 2 | 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 3 | 596.6 | 8.90 | 6.46 | 595.4 | 22.8 | 2.6 | 3.00 | 6.46 | 23.0 | |
| 4 | 4253.8 | 8.90 | 6.46 | 4208.6 | 584.9 | 66.2 | 0.00 | 0.00 | 588.6 | |
| 5 | 4550.4 | 0.00 | 0.00 | 4504.0 | 607.7 | 68.8 | 3.00 | 180.00 | 611.6 | 23C-17-07-95 TGT |
| 6 | 6808.4 | 0.00 | 0.00 | 6762.0 | 607.7 | 68.8 | 0.00 | 0.00 | 611.6 | |

ANNOTATIONS

| TVD | MD | Annotation |
|--------|--------|--------------------------------|
| 300.0 | 300.0 | Start Build 3.00 |
| 595.4 | 596.6 | Start 3657.2 hold at 596.6 MD |
| 1700.0 | 1714.6 | Surface Casing |
| 4208.6 | 4253.8 | Start Drop -3.00 |
| 4504.0 | 4550.4 | Start 2258.0 hold at 4550.4 MD |
| 4504.0 | 4550.4 | Back to Vertical |
| 6762.0 | 6808.4 | TD at 6808.4 |

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation | DipAngle | DipDir |
|---------|--------|---------------|----------|--------|
| 3519.0 | 3555.8 | Williams Fork | 0.00 | |
| 4504.0 | 4550.4 | Top of Gas | 0.00 | |
| 5951.0 | 5997.4 | Cameo | 0.00 | |
| 6462.0 | 6508.4 | Rollins | 0.00 | |

