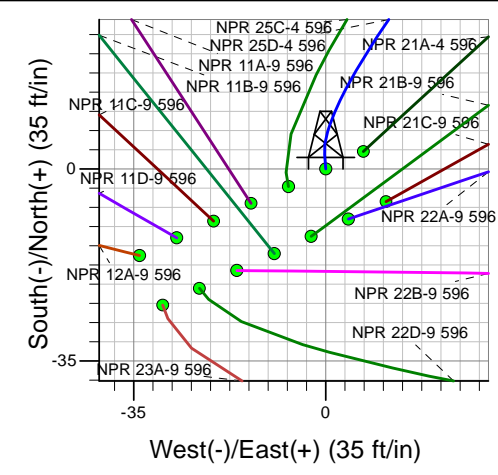
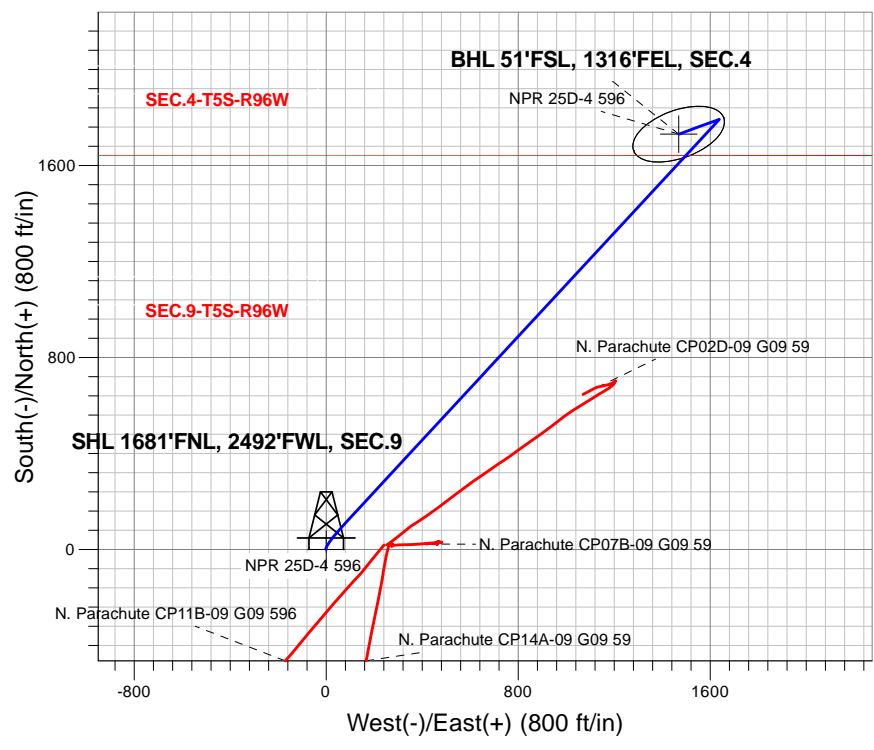
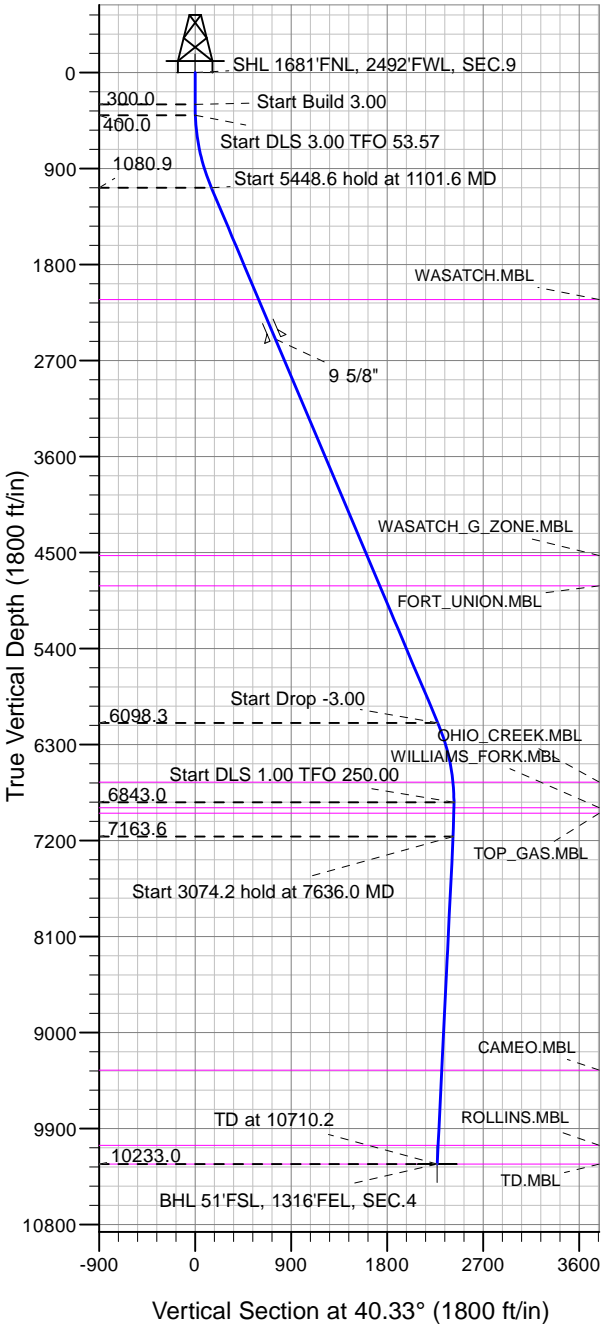


Caerus Oil and Gas LLC



NPR 25D-4 596
 Plan #2 (3-06-18)
 9:02, March 16 2018

Azimuths to True North
 Magnetic North: 9.62°

Magnetic Field
 Strength: 51484.8snT
 Dip Angle: 65.85°
 Date: 3/16/2018
 Model: HDGM

DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Latitude | Longitude | Shape |
|-------------------------------|---------|--------|--------|-----------|-------------|--------------------------------|
| SHL 1681'FNL, 2492'FWL, SEC.9 | 1.0 | 0.0 | 0.0 | 39.632226 | -108.174049 | Point |
| BHL 51'FSL, 1316'FEL, SEC.4 | 10233.0 | 1730.0 | 1468.8 | 39.636975 | -108.168834 | Ellipse (Radii: L200.0 W100.0) |

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSect | 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 | 400.0 | 3.00 | 355.00 | 400.0 | 2.6 | -0.2 | 3.00 | 355.00 | 1.8 | |
| 4 | 1101.6 | 22.95 | 42.82 | 1080.9 | 122.6 | 92.2 | 3.00 | 53.57 | 153.1 | |
| 5 | 6550.2 | 22.95 | 42.82 | 6098.3 | 1681.0 | 1536.2 | 0.00 | 0.00 | 2275.7 | |
| 6 | 7315.2 | 0.00 | 0.00 | 6843.0 | 1791.9 | 1638.9 | 3.00 | 180.00 | 2426.7 | |
| 7 | 7636.0 | 3.21 | 250.00 | 7163.6 | 1788.8 | 1630.5 | 1.00 | 250.00 | 2418.9 | |
| 8 | 10710.2 | 3.21 | 250.00 | 10233.0 | 1730.0 | 1468.8 | 0.00 | 0.00 | 2269.4 | BHL 51'FSL, 1316'FEL, SEC.4 |



Directional

Caerus Oil and Gas LLC

SEC.9-T5S-R96W

NPR G09 596 Pad Sec.9-T5S-R96W

NPR 25D-4 596

Wellbore #1

Plan: Plan #2 (3-06-18)

Standard Planning Report

16 March, 2018

| | | | |
|------------------|--------------------------------|-------------------------------------|--------------------------------------|
| Database: | US_EDM | Local Co-ordinate Reference: | Well NPR 25D-4 596 |
| Company: | Caerus Oil and Gas LLC | TVD Reference: | WELL @ 7670.0ft (Original Well Elev) |
| Project: | SEC.9-T5S-R96W | MD Reference: | WELL @ 7670.0ft (Original Well Elev) |
| Site: | NPR G09 596 Pad Sec.9-T5S-R96W | North Reference: | True |
| Well: | NPR 25D-4 596 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (3-06-18) | | |

| | | | |
|--------------------|--|----------------------|-----------------------------|
| Project | SEC.9-T5S-R96W, Garfield County, CO | | |
| Map System: | Universal Transverse Mercator (US Survey Feet) | System Datum: | Mean Sea Level |
| Geo Datum: | NAD 1927 - Western US | | Using Well Reference Point |
| Map Zone: | Zone 12N (114 W to 108 W) | | Using geodetic scale factor |

| | | | | | |
|------------------------------|--------------------------------|---------------------|-------------------|--------------------------|-------------|
| Site | NPR G09 596 Pad Sec.9-T5S-R96W | | | | |
| Site Position: | Northing: | 14,404,590.33 usft | Latitude: | 39.632067 | |
| From: | Lat/Long | Easting: | 2,436,015.01 usft | Longitude: | -108.174492 |
| Position Uncertainty: | 0.0 ft | Slot Radius: | 13-3/16 " | Grid Convergence: | 1.80 ° |

| | | | | | | |
|-----------------------------|---------------|----------|----------------------------|--------------------|----------------------|-------------|
| Well | NPR 25D-4 596 | | | | | |
| Well Position | +N/-S | 57.8 ft | Northing: | 14,404,652.09 usft | Latitude: | 39.632226 |
| | +E/-W | 124.7 ft | Easting: | 2,436,137.86 usft | Longitude: | -108.174049 |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | 0.0 ft | Ground Level: | 7,640.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM | 3/16/2018 | 9.62 | 65.85 | 51,485 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| Design | Plan #2 (3-06-18) | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 40.33 |

| Plan Sections | | | | | | | | | | |
|----------------------|-----------------|-------------|---------------------|------------|------------|-------------------------|------------------------|-----------------------|---------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 400.0 | 3.00 | 355.00 | 400.0 | 2.6 | -0.2 | 3.00 | 3.00 | 0.00 | 355.00 | |
| 1,101.6 | 22.95 | 42.82 | 1,080.9 | 122.6 | 92.2 | 3.00 | 2.84 | 6.82 | 53.57 | |
| 6,550.2 | 22.95 | 42.82 | 6,098.3 | 1,681.0 | 1,536.2 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,315.2 | 0.00 | 0.00 | 6,843.0 | 1,791.9 | 1,638.9 | 3.00 | -3.00 | 0.00 | 180.00 | |
| 7,636.0 | 3.21 | 250.00 | 7,163.6 | 1,788.8 | 1,630.5 | 1.00 | 1.00 | -34.29 | 250.00 | |
| 10,710.2 | 3.21 | 250.00 | 10,233.0 | 1,730.0 | 1,468.8 | 0.00 | 0.00 | 0.00 | 0.00 | BHL 51°FSL, 1316°FE |

| | | | |
|------------------|--------------------------------|-------------------------------------|--------------------------------------|
| Database: | US_EDM | Local Co-ordinate Reference: | Well NPR 25D-4 596 |
| Company: | Caerus Oil and Gas LLC | TVD Reference: | WELL @ 7670.0ft (Original Well Elev) |
| Project: | SEC.9-T5S-R96W | MD Reference: | WELL @ 7670.0ft (Original Well Elev) |
| Site: | NPR G09 596 Pad Sec.9-T5S-R96W | North Reference: | True |
| Well: | NPR 25D-4 596 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (3-06-18) | | |

| Planned Survey | | | | | | | | | | |
|--------------------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | |
| 1.0 | 0.00 | 0.00 | 1.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | |
| SHL 1681'FNL, 2492'FWL, SEC.9 | | | | | | | | | | |
| 100.0 | 0.00 | 0.00 | 100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | |
| 200.0 | 0.00 | 0.00 | 200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | |
| 400.0 | 3.00 | 355.00 | 400.0 | 2.6 | -0.2 | 1.8 | 3.00 | 3.00 | 0.00 | |
| 500.0 | 5.36 | 21.81 | 499.7 | 9.5 | 1.3 | 8.1 | 3.00 | 2.36 | 26.81 | |
| 600.0 | 8.15 | 31.41 | 599.0 | 19.9 | 6.7 | 19.5 | 3.00 | 2.79 | 9.59 | |
| 700.0 | 11.05 | 36.06 | 697.6 | 33.7 | 16.0 | 36.1 | 3.00 | 2.90 | 4.66 | |
| 800.0 | 13.99 | 38.79 | 795.2 | 50.9 | 29.3 | 57.7 | 3.00 | 2.94 | 2.73 | |
| 900.0 | 16.95 | 40.58 | 891.6 | 71.4 | 46.3 | 84.4 | 3.00 | 2.96 | 1.79 | |
| 1,000.0 | 19.92 | 41.85 | 986.4 | 95.2 | 67.2 | 116.0 | 3.00 | 2.97 | 1.27 | |
| 1,100.0 | 22.90 | 42.80 | 1,079.5 | 122.1 | 91.8 | 152.5 | 3.00 | 2.98 | 0.95 | |
| 1,101.6 | 22.95 | 42.82 | 1,080.9 | 122.6 | 92.2 | 153.1 | 3.00 | 2.98 | 0.83 | |
| 1,200.0 | 22.95 | 42.82 | 1,171.6 | 150.7 | 118.3 | 191.4 | 0.00 | 0.00 | 0.00 | |
| 1,300.0 | 22.95 | 42.82 | 1,263.7 | 179.3 | 144.8 | 230.4 | 0.00 | 0.00 | 0.00 | |
| 1,400.0 | 22.95 | 42.82 | 1,355.8 | 207.9 | 171.3 | 269.4 | 0.00 | 0.00 | 0.00 | |
| 1,500.0 | 22.95 | 42.82 | 1,447.8 | 236.5 | 197.8 | 308.3 | 0.00 | 0.00 | 0.00 | |
| 1,600.0 | 22.95 | 42.82 | 1,539.9 | 265.1 | 224.3 | 347.3 | 0.00 | 0.00 | 0.00 | |
| 1,700.0 | 22.95 | 42.82 | 1,632.0 | 293.7 | 250.8 | 386.2 | 0.00 | 0.00 | 0.00 | |
| 1,800.0 | 22.95 | 42.82 | 1,724.1 | 322.3 | 277.3 | 425.2 | 0.00 | 0.00 | 0.00 | |
| 1,900.0 | 22.95 | 42.82 | 1,816.2 | 351.0 | 303.8 | 464.1 | 0.00 | 0.00 | 0.00 | |
| 2,000.0 | 22.95 | 42.82 | 1,908.3 | 379.6 | 330.3 | 503.1 | 0.00 | 0.00 | 0.00 | |
| 2,100.0 | 22.95 | 42.82 | 2,000.4 | 408.2 | 356.8 | 542.1 | 0.00 | 0.00 | 0.00 | |
| 2,200.0 | 22.95 | 42.82 | 2,092.4 | 436.8 | 383.3 | 581.0 | 0.00 | 0.00 | 0.00 | |
| 2,239.7 | 22.95 | 42.82 | 2,129.0 | 448.1 | 393.8 | 596.5 | 0.00 | 0.00 | 0.00 | |
| WASATCH.MBL | | | | | | | | | | |
| 2,300.0 | 22.95 | 42.82 | 2,184.5 | 465.4 | 409.8 | 620.0 | 0.00 | 0.00 | 0.00 | |
| 2,400.0 | 22.95 | 42.82 | 2,276.6 | 494.0 | 436.3 | 658.9 | 0.00 | 0.00 | 0.00 | |
| 2,500.0 | 22.95 | 42.82 | 2,368.7 | 522.6 | 462.8 | 697.9 | 0.00 | 0.00 | 0.00 | |
| 2,600.0 | 22.95 | 42.82 | 2,460.8 | 551.2 | 489.3 | 736.8 | 0.00 | 0.00 | 0.00 | |
| 2,642.6 | 22.95 | 42.82 | 2,500.0 | 563.3 | 500.6 | 753.4 | 0.00 | 0.00 | 0.00 | |
| 9 5/8" | | | | | | | | | | |
| 2,700.0 | 22.95 | 42.82 | 2,552.9 | 579.8 | 515.8 | 775.8 | 0.00 | 0.00 | 0.00 | |
| 2,800.0 | 22.95 | 42.82 | 2,644.9 | 608.4 | 542.3 | 814.7 | 0.00 | 0.00 | 0.00 | |
| 2,900.0 | 22.95 | 42.82 | 2,737.0 | 637.0 | 568.8 | 853.7 | 0.00 | 0.00 | 0.00 | |
| 3,000.0 | 22.95 | 42.82 | 2,829.1 | 665.6 | 595.3 | 892.7 | 0.00 | 0.00 | 0.00 | |
| 3,100.0 | 22.95 | 42.82 | 2,921.2 | 694.2 | 621.8 | 931.6 | 0.00 | 0.00 | 0.00 | |
| 3,200.0 | 22.95 | 42.82 | 3,013.3 | 722.8 | 648.3 | 970.6 | 0.00 | 0.00 | 0.00 | |
| 3,300.0 | 22.95 | 42.82 | 3,105.4 | 751.4 | 674.8 | 1,009.5 | 0.00 | 0.00 | 0.00 | |
| 3,400.0 | 22.95 | 42.82 | 3,197.5 | 780.0 | 701.3 | 1,048.5 | 0.00 | 0.00 | 0.00 | |
| 3,500.0 | 22.95 | 42.82 | 3,289.5 | 808.6 | 727.8 | 1,087.4 | 0.00 | 0.00 | 0.00 | |
| 3,600.0 | 22.95 | 42.82 | 3,381.6 | 837.2 | 754.3 | 1,126.4 | 0.00 | 0.00 | 0.00 | |
| 3,700.0 | 22.95 | 42.82 | 3,473.7 | 865.8 | 780.8 | 1,165.3 | 0.00 | 0.00 | 0.00 | |
| 3,800.0 | 22.95 | 42.82 | 3,565.8 | 894.4 | 807.3 | 1,204.3 | 0.00 | 0.00 | 0.00 | |
| 3,900.0 | 22.95 | 42.82 | 3,657.9 | 923.0 | 833.8 | 1,243.3 | 0.00 | 0.00 | 0.00 | |
| 4,000.0 | 22.95 | 42.82 | 3,750.0 | 951.6 | 860.3 | 1,282.2 | 0.00 | 0.00 | 0.00 | |
| 4,100.0 | 22.95 | 42.82 | 3,842.0 | 980.2 | 886.8 | 1,321.2 | 0.00 | 0.00 | 0.00 | |
| 4,200.0 | 22.95 | 42.82 | 3,934.1 | 1,008.8 | 913.3 | 1,360.1 | 0.00 | 0.00 | 0.00 | |
| 4,300.0 | 22.95 | 42.82 | 4,026.2 | 1,037.4 | 939.8 | 1,399.1 | 0.00 | 0.00 | 0.00 | |
| 4,400.0 | 22.95 | 42.82 | 4,118.3 | 1,066.0 | 966.3 | 1,438.0 | 0.00 | 0.00 | 0.00 | |
| 4,500.0 | 22.95 | 42.82 | 4,210.4 | 1,094.6 | 992.8 | 1,477.0 | 0.00 | 0.00 | 0.00 | |

| | | | |
|------------------|--------------------------------|-------------------------------------|--------------------------------------|
| Database: | US_EDM | Local Co-ordinate Reference: | Well NPR 25D-4 596 |
| Company: | Caerus Oil and Gas LLC | TVD Reference: | WELL @ 7670.0ft (Original Well Elev) |
| Project: | SEC.9-T5S-R96W | MD Reference: | WELL @ 7670.0ft (Original Well Elev) |
| Site: | NPR G09 596 Pad Sec.9-T5S-R96W | North Reference: | True |
| Well: | NPR 25D-4 596 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (3-06-18) | | |

| Planned Survey | | | | | | | | | | |
|---------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 4,600.0 | 22.95 | 42.82 | 4,302.5 | 1,123.2 | 1,019.3 | 1,516.0 | 0.00 | 0.00 | 0.00 | |
| 4,700.0 | 22.95 | 42.82 | 4,394.6 | 1,151.8 | 1,045.8 | 1,554.9 | 0.00 | 0.00 | 0.00 | |
| 4,800.0 | 22.95 | 42.82 | 4,486.6 | 1,180.4 | 1,072.3 | 1,593.9 | 0.00 | 0.00 | 0.00 | |
| 4,846.0 | 22.95 | 42.82 | 4,529.0 | 1,193.6 | 1,084.5 | 1,611.8 | 0.00 | 0.00 | 0.00 | |
| WASATCH_G_ZONE.MBL | | | | | | | | | | |
| 4,900.0 | 22.95 | 42.82 | 4,578.7 | 1,209.0 | 1,098.8 | 1,632.8 | 0.00 | 0.00 | 0.00 | |
| 5,000.0 | 22.95 | 42.82 | 4,670.8 | 1,237.6 | 1,125.3 | 1,671.8 | 0.00 | 0.00 | 0.00 | |
| 5,100.0 | 22.95 | 42.82 | 4,762.9 | 1,266.2 | 1,151.8 | 1,710.7 | 0.00 | 0.00 | 0.00 | |
| 5,154.4 | 22.95 | 42.82 | 4,813.0 | 1,281.8 | 1,166.3 | 1,731.9 | 0.00 | 0.00 | 0.00 | |
| FORT_UNION.MBL | | | | | | | | | | |
| 5,200.0 | 22.95 | 42.82 | 4,855.0 | 1,294.8 | 1,178.3 | 1,749.7 | 0.00 | 0.00 | 0.00 | |
| 5,300.0 | 22.95 | 42.82 | 4,947.1 | 1,323.4 | 1,204.8 | 1,788.6 | 0.00 | 0.00 | 0.00 | |
| 5,400.0 | 22.95 | 42.82 | 5,039.1 | 1,352.0 | 1,231.3 | 1,827.6 | 0.00 | 0.00 | 0.00 | |
| 5,500.0 | 22.95 | 42.82 | 5,131.2 | 1,380.6 | 1,257.8 | 1,866.6 | 0.00 | 0.00 | 0.00 | |
| 5,600.0 | 22.95 | 42.82 | 5,223.3 | 1,409.2 | 1,284.3 | 1,905.5 | 0.00 | 0.00 | 0.00 | |
| 5,700.0 | 22.95 | 42.82 | 5,315.4 | 1,437.8 | 1,310.8 | 1,944.5 | 0.00 | 0.00 | 0.00 | |
| 5,800.0 | 22.95 | 42.82 | 5,407.5 | 1,466.4 | 1,337.3 | 1,983.4 | 0.00 | 0.00 | 0.00 | |
| 5,900.0 | 22.95 | 42.82 | 5,499.6 | 1,495.0 | 1,363.8 | 2,022.4 | 0.00 | 0.00 | 0.00 | |
| 6,000.0 | 22.95 | 42.82 | 5,591.7 | 1,523.6 | 1,390.3 | 2,061.3 | 0.00 | 0.00 | 0.00 | |
| 6,100.0 | 22.95 | 42.82 | 5,683.7 | 1,552.2 | 1,416.8 | 2,100.3 | 0.00 | 0.00 | 0.00 | |
| 6,200.0 | 22.95 | 42.82 | 5,775.8 | 1,580.8 | 1,443.3 | 2,139.2 | 0.00 | 0.00 | 0.00 | |
| 6,300.0 | 22.95 | 42.82 | 5,867.9 | 1,609.4 | 1,469.8 | 2,178.2 | 0.00 | 0.00 | 0.00 | |
| 6,400.0 | 22.95 | 42.82 | 5,960.0 | 1,638.1 | 1,496.4 | 2,217.2 | 0.00 | 0.00 | 0.00 | |
| 6,500.0 | 22.95 | 42.82 | 6,052.1 | 1,666.7 | 1,522.9 | 2,256.1 | 0.00 | 0.00 | 0.00 | |
| 6,550.2 | 22.95 | 42.82 | 6,098.3 | 1,681.0 | 1,536.2 | 2,275.7 | 0.00 | 0.00 | 0.00 | |
| 6,600.0 | 21.46 | 42.82 | 6,144.4 | 1,694.8 | 1,548.9 | 2,294.5 | 3.00 | -3.00 | 0.00 | |
| 6,700.0 | 18.46 | 42.82 | 6,238.4 | 1,719.8 | 1,572.1 | 2,328.6 | 3.00 | -3.00 | 0.00 | |
| 6,800.0 | 15.46 | 42.82 | 6,334.0 | 1,741.2 | 1,592.0 | 2,357.7 | 3.00 | -3.00 | 0.00 | |
| 6,900.0 | 12.46 | 42.82 | 6,431.1 | 1,758.9 | 1,608.3 | 2,381.8 | 3.00 | -3.00 | 0.00 | |
| 7,000.0 | 9.46 | 42.82 | 6,529.2 | 1,772.9 | 1,621.3 | 2,400.8 | 3.00 | -3.00 | 0.00 | |
| 7,100.0 | 6.46 | 42.82 | 6,628.3 | 1,783.0 | 1,630.7 | 2,414.6 | 3.00 | -3.00 | 0.00 | |
| 7,125.9 | 5.68 | 42.82 | 6,654.0 | 1,785.0 | 1,632.5 | 2,417.3 | 3.00 | -3.00 | 0.00 | |
| OHIO_CREEK.MBL | | | | | | | | | | |
| 7,200.0 | 3.46 | 42.82 | 6,727.9 | 1,789.4 | 1,636.5 | 2,423.2 | 3.00 | -3.00 | 0.00 | |
| 7,300.0 | 0.46 | 42.82 | 6,827.8 | 1,791.9 | 1,638.9 | 2,426.6 | 3.00 | -3.00 | 0.00 | |
| 7,315.2 | 0.00 | 0.00 | 6,843.0 | 1,791.9 | 1,638.9 | 2,426.7 | 3.00 | -3.00 | 0.00 | |
| 7,365.2 | 0.50 | 250.00 | 6,893.0 | 1,791.8 | 1,638.7 | 2,426.5 | 1.00 | 1.00 | 0.00 | |
| WILLIAMS_FORK.MBL | | | | | | | | | | |
| 7,400.0 | 0.85 | 250.00 | 6,927.8 | 1,791.7 | 1,638.3 | 2,426.2 | 1.00 | 1.00 | 0.00 | |
| 7,415.2 | 1.00 | 250.00 | 6,943.0 | 1,791.6 | 1,638.1 | 2,425.9 | 1.00 | 1.00 | 0.00 | |
| TOP_GAS.MBL | | | | | | | | | | |
| 7,500.0 | 1.85 | 250.00 | 7,027.8 | 1,790.9 | 1,636.1 | 2,424.1 | 1.00 | 1.00 | 0.00 | |
| 7,600.0 | 2.85 | 250.00 | 7,127.7 | 1,789.5 | 1,632.2 | 2,420.6 | 1.00 | 1.00 | 0.00 | |
| 7,636.0 | 3.21 | 250.00 | 7,163.6 | 1,788.8 | 1,630.5 | 2,418.9 | 1.00 | 1.00 | 0.00 | |
| 7,700.0 | 3.21 | 250.00 | 7,227.5 | 1,787.6 | 1,627.1 | 2,415.8 | 0.00 | 0.00 | 0.00 | |
| 7,800.0 | 3.21 | 250.00 | 7,327.4 | 1,785.7 | 1,621.8 | 2,410.9 | 0.00 | 0.00 | 0.00 | |
| 7,900.0 | 3.21 | 250.00 | 7,427.2 | 1,783.8 | 1,616.6 | 2,406.1 | 0.00 | 0.00 | 0.00 | |
| 8,000.0 | 3.21 | 250.00 | 7,527.1 | 1,781.9 | 1,611.3 | 2,401.2 | 0.00 | 0.00 | 0.00 | |
| 8,100.0 | 3.21 | 250.00 | 7,626.9 | 1,779.9 | 1,606.1 | 2,396.3 | 0.00 | 0.00 | 0.00 | |
| 8,200.0 | 3.21 | 250.00 | 7,726.8 | 1,778.0 | 1,600.8 | 2,391.5 | 0.00 | 0.00 | 0.00 | |
| 8,300.0 | 3.21 | 250.00 | 7,826.6 | 1,776.1 | 1,595.5 | 2,386.6 | 0.00 | 0.00 | 0.00 | |
| 8,400.0 | 3.21 | 250.00 | 7,926.4 | 1,774.2 | 1,590.3 | 2,381.7 | 0.00 | 0.00 | 0.00 | |
| 8,500.0 | 3.21 | 250.00 | 8,026.3 | 1,772.3 | 1,585.0 | 2,376.9 | 0.00 | 0.00 | 0.00 | |
| 8,600.0 | 3.21 | 250.00 | 8,126.1 | 1,770.4 | 1,579.8 | 2,372.0 | 0.00 | 0.00 | 0.00 | |

| | | | |
|------------------|--------------------------------|-------------------------------------|--------------------------------------|
| Database: | US_EDM | Local Co-ordinate Reference: | Well NPR 25D-4 596 |
| Company: | Caerus Oil and Gas LLC | TVD Reference: | WELL @ 7670.0ft (Original Well Elev) |
| Project: | SEC.9-T5S-R96W | MD Reference: | WELL @ 7670.0ft (Original Well Elev) |
| Site: | NPR G09 596 Pad Sec.9-T5S-R96W | North Reference: | True |
| Well: | NPR 25D-4 596 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (3-06-18) | | |

| Planned Survey | | | | | | | | | | |
|---|-----------------|-------------|---------------------|------------|------------|-----------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 8,700.0 | 3.21 | 250.00 | 8,226.0 | 1,768.5 | 1,574.5 | 2,367.2 | 0.00 | 0.00 | 0.00 | |
| 8,800.0 | 3.21 | 250.00 | 8,325.8 | 1,766.5 | 1,569.3 | 2,362.3 | 0.00 | 0.00 | 0.00 | |
| 8,900.0 | 3.21 | 250.00 | 8,425.7 | 1,764.6 | 1,564.0 | 2,357.4 | 0.00 | 0.00 | 0.00 | |
| 9,000.0 | 3.21 | 250.00 | 8,525.5 | 1,762.7 | 1,558.7 | 2,352.6 | 0.00 | 0.00 | 0.00 | |
| 9,100.0 | 3.21 | 250.00 | 8,625.3 | 1,760.8 | 1,553.5 | 2,347.7 | 0.00 | 0.00 | 0.00 | |
| 9,200.0 | 3.21 | 250.00 | 8,725.2 | 1,758.9 | 1,548.2 | 2,342.8 | 0.00 | 0.00 | 0.00 | |
| 9,300.0 | 3.21 | 250.00 | 8,825.0 | 1,757.0 | 1,543.0 | 2,338.0 | 0.00 | 0.00 | 0.00 | |
| 9,400.0 | 3.21 | 250.00 | 8,924.9 | 1,755.1 | 1,537.7 | 2,333.1 | 0.00 | 0.00 | 0.00 | |
| 9,500.0 | 3.21 | 250.00 | 9,024.7 | 1,753.1 | 1,532.4 | 2,328.3 | 0.00 | 0.00 | 0.00 | |
| 9,600.0 | 3.21 | 250.00 | 9,124.6 | 1,751.2 | 1,527.2 | 2,323.4 | 0.00 | 0.00 | 0.00 | |
| 9,700.0 | 3.21 | 250.00 | 9,224.4 | 1,749.3 | 1,521.9 | 2,318.5 | 0.00 | 0.00 | 0.00 | |
| 9,800.0 | 3.21 | 250.00 | 9,324.2 | 1,747.4 | 1,516.7 | 2,313.7 | 0.00 | 0.00 | 0.00 | |
| 9,828.8 | 3.21 | 250.00 | 9,353.0 | 1,746.8 | 1,515.2 | 2,312.3 | 0.00 | 0.00 | 0.00 | |
| CAMEO.MBL | | | | | | | | | | |
| 9,900.0 | 3.21 | 250.00 | 9,424.1 | 1,745.5 | 1,511.4 | 2,308.8 | 0.00 | 0.00 | 0.00 | |
| 10,000.0 | 3.21 | 250.00 | 9,523.9 | 1,743.6 | 1,506.1 | 2,303.9 | 0.00 | 0.00 | 0.00 | |
| 10,100.0 | 3.21 | 250.00 | 9,623.8 | 1,741.7 | 1,500.9 | 2,299.1 | 0.00 | 0.00 | 0.00 | |
| 10,200.0 | 3.21 | 250.00 | 9,723.6 | 1,739.7 | 1,495.6 | 2,294.2 | 0.00 | 0.00 | 0.00 | |
| 10,300.0 | 3.21 | 250.00 | 9,823.5 | 1,737.8 | 1,490.4 | 2,289.3 | 0.00 | 0.00 | 0.00 | |
| 10,400.0 | 3.21 | 250.00 | 9,923.3 | 1,735.9 | 1,485.1 | 2,284.5 | 0.00 | 0.00 | 0.00 | |
| 10,500.0 | 3.21 | 250.00 | 10,023.2 | 1,734.0 | 1,479.9 | 2,279.6 | 0.00 | 0.00 | 0.00 | |
| 10,534.9 | 3.21 | 250.00 | 10,058.0 | 1,733.3 | 1,478.0 | 2,277.9 | 0.00 | 0.00 | 0.00 | |
| ROLLINS.MBL | | | | | | | | | | |
| 10,600.0 | 3.21 | 250.00 | 10,123.0 | 1,732.1 | 1,474.6 | 2,274.8 | 0.00 | 0.00 | 0.00 | |
| 10,700.0 | 3.21 | 250.00 | 10,222.8 | 1,730.2 | 1,469.3 | 2,269.9 | 0.00 | 0.00 | 0.00 | |
| 10,710.2 | 3.21 | 250.00 | 10,233.0 | 1,730.0 | 1,468.8 | 2,269.4 | 0.00 | 0.00 | 0.00 | |
| TD.MBL - BHL 51'FSL, 1316'FEL, SEC.4 | | | | | | | | | | |

| Design Targets | | | | | | | | | | |
|---|---------------|--------------|----------|------------|------------|-----------------|----------------|-----------|-------------|--|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (usft) | Easting (usft) | Latitude | Longitude | |
| SHL 1681'FNL, 2492'FW - hit/miss target - Shape - Point | 0.00 | 0.00 | 1.0 | 0.0 | 0.0 | 14,404,652.09 | 2,436,137.86 | 39.632226 | -108.174049 | |
| BHL 51'FSL, 1316'FEL, : - plan hits target center - Ellipse (radii L200.0 W100.0 on 250.00 azi) | 0.00 | 0.00 | 10,233.0 | 1,730.0 | 1,468.8 | 14,406,428.01 | 2,437,551.94 | 39.636975 | -108.168834 | |

| Casing Points | | | | | |
|---------------------|---------------------|--------|---------------------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (") | Hole Diameter (") | |
| 2,642.6 | 2,500.0 | 9 5/8" | 9-5/8 | 12-1/4 | |

| | | | |
|------------------|--------------------------------|-------------------------------------|--------------------------------------|
| Database: | US_EDM | Local Co-ordinate Reference: | Well NPR 25D-4 596 |
| Company: | Caerus Oil and Gas LLC | TVD Reference: | WELL @ 7670.0ft (Original Well Elev) |
| Project: | SEC.9-T5S-R96W | MD Reference: | WELL @ 7670.0ft (Original Well Elev) |
| Site: | NPR G09 596 Pad Sec.9-T5S-R96W | North Reference: | True |
| Well: | NPR 25D-4 596 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (3-06-18) | | |

| Formations | | | | | | |
|---------------------|---------------------|--------------------|-----------|---------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 2,239.7 | 2,129.0 | WASATCH.MBL | | 0.00 | | |
| 4,846.0 | 4,529.0 | WASATCH_G_ZONE.MBL | | 0.00 | | |
| 5,154.4 | 4,813.0 | FORT_UNION.MBL | | 0.00 | | |
| 7,125.9 | 6,654.0 | OHIO_CREEK.MBL | | 0.00 | | |
| 7,365.2 | 6,893.0 | WILLIAMS_FORK.MBL | | 0.00 | | |
| 7,415.2 | 6,943.0 | TOP_GAS.MBL | | 0.00 | | |
| 9,828.8 | 9,353.0 | CAMEO.MBL | | 0.00 | | |
| 10,534.9 | 10,058.0 | ROLLINS.MBL | | 0.00 | | |
| 10,710.2 | 10,233.0 | TD.MBL | | 0.00 | | |