

Planning Report

| | | | |
|------------------|-------------------------------|-------------------------------------|--|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well NPR 25A-9 596 - Slot 25A |
| Company: | Caerus Oil & Gas | TVD Reference: | GL + KB @ 8321.00usft (Original Well Elev) |
| Project: | Garfield County, CO (UTM 12N) | MD Reference: | GL + KB @ 8321.00usft (Original Well Elev) |
| Site: | S16-T5S-R96W NPR B16 596 | North Reference: | True |
| Well: | NPR 25A-9 596 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | PLAN #1 | | |

| | | | |
|--------------------|--|----------------------|----------------|
| Project | Garfield County, CO (UTM 12N) | | |
| Map System: | Universal Transverse Mercator (US Survey Feet) | System Datum: | Mean Sea Level |
| Geo Datum: | NAD 1927 - Western US | | |
| Map Zone: | Zone 12N (114 W to 108 W) | | |

| | | | | | |
|-----------------------|-----------|--------------------------|--------------------|-------------------|-------------|
| Site | | S16-T5S-R96W NPR B16 596 | | | |
| Site Position: | | Northing: | 14,399,939.00 usft | Latitude: | 39.619218 |
| From: | Map | Easting: | 2,437,053.80 usft | Longitude: | -108.171326 |
| Position Uncertainty: | 3.28 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | 1.80 ° |

| | | | | | | |
|----------------------|--------------------------|-----------|---------------------|--------------------|---------------|---------------|
| Well | NPR 25A-9 596 - Slot 25A | | | | | |
| Well Position | +N/-S | 0.00 usft | Northing: | 14,399,992.40 usft | Latitude: | 39.619365 |
| | +E/-W | 0.00 usft | Easting: | 2,437,052.30 usft | Longitude: | -108.171326 |
| Position Uncertainty | | 3.28 usft | Wellhead Elevation: | usft | Ground Level: | 8,291.00 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | OH | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM_FILE | 6/15/2018 | 9.65 | 65.90 | 51,443.20000000 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | PLAN #1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 21.75 |

| Plan Sections | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|-------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 175.00 | 0.00 | 0.00 | 175.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 275.00 | 3.00 | 50.00 | 274.95 | 1.68 | 2.01 | 3.00 | 3.00 | 0.00 | 50.00 | |
| 485.00 | 3.00 | 50.00 | 484.67 | 8.75 | 10.42 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,079.23 | 20.46 | 23.30 | 1,064.43 | 114.98 | 63.85 | 3.00 | 2.94 | -4.49 | -30.86 | |
| 6,091.38 | 20.46 | 23.30 | 5,760.46 | 1,723.93 | 756.90 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 6,773.33 | 0.00 | 0.00 | 6,428.00 | 1,834.57 | 804.56 | 3.00 | -3.00 | 0.00 | 180.00 | |
| 6,834.29 | 1.22 | 250.00 | 6,488.96 | 1,834.34 | 803.95 | 2.00 | 2.00 | -180.42 | 250.00 | |
| 11,054.29 | 1.22 | 250.00 | 10,708.00 | 1,803.63 | 719.56 | 0.00 | 0.00 | 0.00 | 0.00 | NPR 25A-9 596_PBH |

Planning Report

| | | | |
|------------------|-------------------------------|-------------------------------------|--|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well NPR 25A-9 596 - Slot 25A |
| Company: | Caerus Oil & Gas | TVD Reference: | GL + KB @ 8321.00usft (Original Well Elev) |
| Project: | Garfield County, CO (UTM 12N) | MD Reference: | GL + KB @ 8321.00usft (Original Well Elev) |
| Site: | S16-T5S-R96W NPR B16 596 | North Reference: | True |
| Well: | NPR 25A-9 596 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | PLAN #1 | | |

| Planned Survey | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|---------------------|----------------------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100u) | Comments / Formations |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 175.00 | 0.00 | 0.00 | 175.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Start Build 3.00 |
| 200.00 | 0.75 | 50.00 | 200.00 | 0.11 | 0.13 | 0.14 | 3.00 | 3.00 | |
| 275.00 | 3.00 | 50.00 | 274.95 | 1.68 | 2.01 | 2.31 | 3.00 | 3.00 | Start 210.00 hold at 275.00 MD |
| 300.00 | 3.00 | 50.00 | 299.92 | 2.52 | 3.01 | 3.46 | 0.00 | 0.00 | |
| 400.00 | 3.00 | 50.00 | 399.78 | 5.89 | 7.02 | 8.07 | 0.00 | 0.00 | |
| 485.00 | 3.00 | 50.00 | 484.67 | 8.75 | 10.42 | 11.99 | 0.00 | 0.00 | Start DLS 3.00 TFO -30.86 |
| 500.00 | 3.39 | 46.10 | 499.64 | 9.31 | 11.04 | 12.74 | 3.00 | 2.63 | |
| 600.00 | 6.22 | 33.44 | 599.28 | 15.88 | 16.16 | 20.74 | 3.00 | 2.82 | |
| 700.00 | 9.15 | 28.77 | 698.38 | 27.38 | 22.98 | 33.94 | 3.00 | 2.94 | |
| 800.00 | 12.12 | 26.36 | 796.65 | 43.76 | 31.47 | 52.31 | 3.00 | 2.97 | |
| 900.00 | 15.10 | 24.89 | 893.83 | 64.99 | 41.62 | 75.79 | 3.00 | 2.98 | |
| 1,000.00 | 18.09 | 23.89 | 989.65 | 91.01 | 53.39 | 104.32 | 3.00 | 2.99 | |
| 1,079.23 | 20.46 | 23.30 | 1,064.43 | 114.98 | 63.85 | 130.45 | 3.00 | 2.99 | Start 5012.15 hold at 1079.23 MD |
| 1,100.00 | 20.46 | 23.30 | 1,083.89 | 121.65 | 66.72 | 137.71 | 0.00 | 0.00 | |
| 1,200.00 | 20.46 | 23.30 | 1,177.59 | 153.75 | 80.55 | 172.65 | 0.00 | 0.00 | |
| 1,300.00 | 20.46 | 23.30 | 1,271.28 | 185.85 | 94.38 | 207.59 | 0.00 | 0.00 | |
| 1,400.00 | 20.46 | 23.30 | 1,364.97 | 217.95 | 108.21 | 242.53 | 0.00 | 0.00 | |
| 1,500.00 | 20.46 | 23.30 | 1,458.66 | 250.05 | 122.03 | 277.47 | 0.00 | 0.00 | |
| 1,600.00 | 20.46 | 23.30 | 1,552.36 | 282.15 | 135.86 | 312.41 | 0.00 | 0.00 | |
| 1,700.00 | 20.46 | 23.30 | 1,646.05 | 314.25 | 149.69 | 347.35 | 0.00 | 0.00 | |
| 1,800.00 | 20.46 | 23.30 | 1,739.74 | 346.35 | 163.52 | 382.29 | 0.00 | 0.00 | |
| 1,900.00 | 20.46 | 23.30 | 1,833.44 | 378.45 | 177.34 | 417.23 | 0.00 | 0.00 | |
| 2,000.00 | 20.46 | 23.30 | 1,927.13 | 410.55 | 191.17 | 452.17 | 0.00 | 0.00 | |
| 2,100.00 | 20.46 | 23.30 | 2,020.82 | 442.66 | 205.00 | 487.11 | 0.00 | 0.00 | |
| 2,200.00 | 20.46 | 23.30 | 2,114.51 | 474.76 | 218.83 | 522.05 | 0.00 | 0.00 | |
| 2,300.00 | 20.46 | 23.30 | 2,208.21 | 506.86 | 232.65 | 556.99 | 0.00 | 0.00 | |
| 2,400.00 | 20.46 | 23.30 | 2,301.90 | 538.96 | 246.48 | 591.92 | 0.00 | 0.00 | |
| 2,500.00 | 20.46 | 23.30 | 2,395.59 | 571.06 | 260.31 | 626.86 | 0.00 | 0.00 | |
| 2,600.00 | 20.46 | 23.30 | 2,489.28 | 603.16 | 274.14 | 661.80 | 0.00 | 0.00 | |
| 2,700.00 | 20.46 | 23.30 | 2,582.98 | 635.26 | 287.96 | 696.74 | 0.00 | 0.00 | |
| 2,800.00 | 20.46 | 23.30 | 2,676.67 | 667.36 | 301.79 | 731.68 | 0.00 | 0.00 | |
| 2,900.00 | 20.46 | 23.30 | 2,770.36 | 699.46 | 315.62 | 766.62 | 0.00 | 0.00 | |
| 3,000.00 | 20.46 | 23.30 | 2,864.06 | 731.57 | 329.45 | 801.56 | 0.00 | 0.00 | |
| 3,100.00 | 20.46 | 23.30 | 2,957.75 | 763.67 | 343.27 | 836.50 | 0.00 | 0.00 | |
| 3,200.00 | 20.46 | 23.30 | 3,051.44 | 795.77 | 357.10 | 871.44 | 0.00 | 0.00 | |
| 3,300.00 | 20.46 | 23.30 | 3,145.13 | 827.87 | 370.93 | 906.38 | 0.00 | 0.00 | |
| 3,400.00 | 20.46 | 23.30 | 3,238.83 | 859.97 | 384.75 | 941.32 | 0.00 | 0.00 | |
| 3,500.00 | 20.46 | 23.30 | 3,332.52 | 892.07 | 398.58 | 976.26 | 0.00 | 0.00 | |
| 3,600.00 | 20.46 | 23.30 | 3,426.21 | 924.17 | 412.41 | 1,011.20 | 0.00 | 0.00 | |
| 3,678.76 | 20.46 | 23.30 | 3,500.00 | 949.45 | 423.30 | 1,038.72 | 0.00 | 0.00 | WASATCH.MBL (TVD) |
| 3,700.00 | 20.46 | 23.30 | 3,519.90 | 956.27 | 426.24 | 1,046.14 | 0.00 | 0.00 | |
| 3,800.00 | 20.46 | 23.30 | 3,613.60 | 988.37 | 440.06 | 1,081.08 | 0.00 | 0.00 | |
| 3,900.00 | 20.46 | 23.30 | 3,707.29 | 1,020.47 | 453.89 | 1,116.02 | 0.00 | 0.00 | |
| 4,000.00 | 20.46 | 23.30 | 3,800.98 | 1,052.58 | 467.72 | 1,150.96 | 0.00 | 0.00 | |
| 4,100.00 | 20.46 | 23.30 | 3,894.68 | 1,084.68 | 481.55 | 1,185.90 | 0.00 | 0.00 | |
| 4,200.00 | 20.46 | 23.30 | 3,988.37 | 1,116.78 | 495.37 | 1,220.84 | 0.00 | 0.00 | |
| 4,300.00 | 20.46 | 23.30 | 4,082.06 | 1,148.88 | 509.20 | 1,255.78 | 0.00 | 0.00 | |
| 4,400.00 | 20.46 | 23.30 | 4,175.75 | 1,180.98 | 523.03 | 1,290.72 | 0.00 | 0.00 | |
| 4,500.00 | 20.46 | 23.30 | 4,269.45 | 1,213.08 | 536.86 | 1,325.66 | 0.00 | 0.00 | |
| 4,600.00 | 20.46 | 23.30 | 4,363.14 | 1,245.18 | 550.68 | 1,360.60 | 0.00 | 0.00 | |

Planning Report

| | | | |
|------------------|-------------------------------|-------------------------------------|--|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well NPR 25A-9 596 - Slot 25A |
| Company: | Caerus Oil & Gas | TVD Reference: | GL + KB @ 8321.00usft (Original Well Elev) |
| Project: | Garfield County, CO (UTM 12N) | MD Reference: | GL + KB @ 8321.00usft (Original Well Elev) |
| Site: | S16-T5S-R96W NPR B16 596 | North Reference: | True |
| Well: | NPR 25A-9 596 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | PLAN #1 | | |

| Planned Survey | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|---------------------|----------------------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100u) | Comments / Formations |
| 4,700.00 | 20.46 | 23.30 | 4,456.83 | 1,277.28 | 564.51 | 1,395.54 | 0.00 | 0.00 | |
| 4,800.00 | 20.46 | 23.30 | 4,550.52 | 1,309.38 | 578.34 | 1,430.48 | 0.00 | 0.00 | |
| 4,900.00 | 20.46 | 23.30 | 4,644.22 | 1,341.49 | 592.17 | 1,465.42 | 0.00 | 0.00 | |
| 5,000.00 | 20.46 | 23.30 | 4,737.91 | 1,373.59 | 605.99 | 1,500.36 | 0.00 | 0.00 | |
| 5,100.00 | 20.46 | 23.30 | 4,831.60 | 1,405.69 | 619.82 | 1,535.29 | 0.00 | 0.00 | |
| 5,200.00 | 20.46 | 23.30 | 4,925.30 | 1,437.79 | 633.65 | 1,570.23 | 0.00 | 0.00 | |
| 5,300.00 | 20.46 | 23.30 | 5,018.99 | 1,469.89 | 647.48 | 1,605.17 | 0.00 | 0.00 | |
| 5,355.51 | 20.46 | 23.30 | 5,071.00 | 1,487.71 | 655.15 | 1,624.57 | 0.00 | 0.00 | WASATCH_G_ZONE.MBL (TVD) |
| 5,400.00 | 20.46 | 23.30 | 5,112.68 | 1,501.99 | 661.30 | 1,640.11 | 0.00 | 0.00 | |
| 5,500.00 | 20.46 | 23.30 | 5,206.37 | 1,534.09 | 675.13 | 1,675.05 | 0.00 | 0.00 | |
| 5,600.00 | 20.46 | 23.30 | 5,300.07 | 1,566.19 | 688.96 | 1,709.99 | 0.00 | 0.00 | |
| 5,700.00 | 20.46 | 23.30 | 5,393.76 | 1,598.29 | 702.79 | 1,744.93 | 0.00 | 0.00 | |
| 5,729.08 | 20.46 | 23.30 | 5,421.00 | 1,607.63 | 706.81 | 1,755.09 | 0.00 | 0.00 | FORT_UNION.MBL (TVD) |
| 5,800.00 | 20.46 | 23.30 | 5,487.45 | 1,630.39 | 716.61 | 1,779.87 | 0.00 | 0.00 | |
| 5,900.00 | 20.46 | 23.30 | 5,581.14 | 1,662.50 | 730.44 | 1,814.81 | 0.00 | 0.00 | |
| 6,000.00 | 20.46 | 23.30 | 5,674.84 | 1,694.60 | 744.27 | 1,849.75 | 0.00 | 0.00 | |
| 6,091.38 | 20.46 | 23.30 | 5,760.46 | 1,723.93 | 756.90 | 1,881.68 | 0.00 | 0.00 | Start Drop -3.00 |
| 6,100.00 | 20.20 | 23.30 | 5,768.54 | 1,726.68 | 758.09 | 1,884.67 | 3.00 | -3.00 | |
| 6,200.00 | 17.20 | 23.30 | 5,863.25 | 1,756.12 | 770.77 | 1,916.72 | 3.00 | -3.00 | |
| 6,300.00 | 14.20 | 23.30 | 5,959.50 | 1,780.97 | 781.48 | 1,943.76 | 3.00 | -3.00 | |
| 6,400.00 | 11.20 | 23.30 | 6,057.05 | 1,801.16 | 790.17 | 1,965.74 | 3.00 | -3.00 | |
| 6,500.00 | 8.20 | 23.30 | 6,155.61 | 1,816.63 | 796.84 | 1,982.58 | 3.00 | -3.00 | |
| 6,600.00 | 5.20 | 23.30 | 6,254.91 | 1,827.35 | 801.45 | 1,994.24 | 3.00 | -3.00 | |
| 6,700.00 | 2.20 | 23.30 | 6,354.69 | 1,833.27 | 804.00 | 2,000.69 | 3.00 | -3.00 | |
| 6,773.33 | 0.00 | 0.00 | 6,428.00 | 1,834.57 | 804.56 | 2,002.10 | 3.00 | -3.00 | Start DLS 2.00 TFO 250.00 |
| 6,800.00 | 0.53 | 250.00 | 6,454.67 | 1,834.52 | 804.44 | 2,002.01 | 2.00 | 2.00 | |
| 6,834.29 | 1.22 | 250.00 | 6,488.96 | 1,834.34 | 803.95 | 2,001.66 | 2.00 | 2.00 | Start 4219.99 hold at 6834.29 MD |
| 6,900.00 | 1.22 | 250.00 | 6,554.65 | 1,833.86 | 802.64 | 2,000.73 | 0.00 | 0.00 | |
| 7,000.00 | 1.22 | 250.00 | 6,654.63 | 1,833.14 | 800.64 | 1,999.32 | 0.00 | 0.00 | |
| 7,100.00 | 1.22 | 250.00 | 6,754.61 | 1,832.41 | 798.64 | 1,997.90 | 0.00 | 0.00 | |
| 7,200.00 | 1.22 | 250.00 | 6,854.59 | 1,831.68 | 796.64 | 1,996.48 | 0.00 | 0.00 | |
| 7,300.00 | 1.22 | 250.00 | 6,954.56 | 1,830.95 | 794.64 | 1,995.07 | 0.00 | 0.00 | |
| 7,400.00 | 1.22 | 250.00 | 7,054.54 | 1,830.23 | 792.64 | 1,993.65 | 0.00 | 0.00 | |
| 7,500.00 | 1.22 | 250.00 | 7,154.52 | 1,829.50 | 790.64 | 1,992.23 | 0.00 | 0.00 | |
| 7,581.50 | 1.22 | 250.00 | 7,236.00 | 1,828.91 | 789.01 | 1,991.08 | 0.00 | 0.00 | OHIO_CREEK.MBL (TVD) |
| 7,600.00 | 1.22 | 250.00 | 7,254.50 | 1,828.77 | 788.64 | 1,990.82 | 0.00 | 0.00 | |
| 7,700.00 | 1.22 | 250.00 | 7,354.47 | 1,828.04 | 786.64 | 1,989.40 | 0.00 | 0.00 | |
| 7,800.00 | 1.22 | 250.00 | 7,454.45 | 1,827.32 | 784.64 | 1,987.98 | 0.00 | 0.00 | |
| 7,823.55 | 1.22 | 250.00 | 7,478.00 | 1,827.14 | 784.17 | 1,987.65 | 0.00 | 0.00 | WILLIAMS_FORK.MBL (TVD) |
| 7,873.57 | 1.22 | 250.00 | 7,528.00 | 1,826.78 | 783.17 | 1,986.94 | 0.00 | 0.00 | TOP_GAS.MBL (TVD) |
| 7,900.00 | 1.22 | 250.00 | 7,554.43 | 1,826.59 | 782.64 | 1,986.56 | 0.00 | 0.00 | |
| 8,000.00 | 1.22 | 250.00 | 7,654.41 | 1,825.86 | 780.64 | 1,985.15 | 0.00 | 0.00 | |
| 8,100.00 | 1.22 | 250.00 | 7,754.38 | 1,825.13 | 778.64 | 1,983.73 | 0.00 | 0.00 | |
| 8,200.00 | 1.22 | 250.00 | 7,854.36 | 1,824.40 | 776.64 | 1,982.31 | 0.00 | 0.00 | |
| 8,300.00 | 1.22 | 250.00 | 7,954.34 | 1,823.68 | 774.64 | 1,980.90 | 0.00 | 0.00 | |
| 8,400.00 | 1.22 | 250.00 | 8,054.32 | 1,822.95 | 772.64 | 1,979.48 | 0.00 | 0.00 | |
| 8,500.00 | 1.22 | 250.00 | 8,154.29 | 1,822.22 | 770.64 | 1,978.06 | 0.00 | 0.00 | |
| 8,600.00 | 1.22 | 250.00 | 8,254.27 | 1,821.49 | 768.64 | 1,976.65 | 0.00 | 0.00 | |
| 8,700.00 | 1.22 | 250.00 | 8,354.25 | 1,820.77 | 766.64 | 1,975.23 | 0.00 | 0.00 | |
| 8,800.00 | 1.22 | 250.00 | 8,454.22 | 1,820.04 | 764.64 | 1,973.81 | 0.00 | 0.00 | |
| 8,900.00 | 1.22 | 250.00 | 8,554.20 | 1,819.31 | 762.64 | 1,972.39 | 0.00 | 0.00 | |
| 9,000.00 | 1.22 | 250.00 | 8,654.18 | 1,818.58 | 760.64 | 1,970.98 | 0.00 | 0.00 | |

Planning Report

| | | | |
|------------------|-------------------------------|-------------------------------------|--|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well NPR 25A-9 596 - Slot 25A |
| Company: | Caerus Oil & Gas | TVD Reference: | GL + KB @ 8321.00usft (Original Well Elev) |
| Project: | Garfield County, CO (UTM 12N) | MD Reference: | GL + KB @ 8321.00usft (Original Well Elev) |
| Site: | S16-T5S-R96W NPR B16 596 | North Reference: | True |
| Well: | NPR 25A-9 596 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | PLAN #1 | | |

Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100u) | Comments / Formations |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|---------------------|---|
| 9,100.00 | 1.22 | 250.00 | 8,754.16 | 1,817.85 | 758.64 | 1,969.56 | 0.00 | 0.00 | |
| 9,200.00 | 1.22 | 250.00 | 8,854.13 | 1,817.13 | 756.64 | 1,968.14 | 0.00 | 0.00 | |
| 9,300.00 | 1.22 | 250.00 | 8,954.11 | 1,816.40 | 754.64 | 1,966.73 | 0.00 | 0.00 | |
| 9,400.00 | 1.22 | 250.00 | 9,054.09 | 1,815.67 | 752.64 | 1,965.31 | 0.00 | 0.00 | |
| 9,500.00 | 1.22 | 250.00 | 9,154.07 | 1,814.94 | 750.64 | 1,963.89 | 0.00 | 0.00 | |
| 9,600.00 | 1.22 | 250.00 | 9,254.04 | 1,814.22 | 748.64 | 1,962.48 | 0.00 | 0.00 | |
| 9,700.00 | 1.22 | 250.00 | 9,354.02 | 1,813.49 | 746.64 | 1,961.06 | 0.00 | 0.00 | |
| 9,800.00 | 1.22 | 250.00 | 9,454.00 | 1,812.76 | 744.64 | 1,959.64 | 0.00 | 0.00 | |
| 9,900.00 | 1.22 | 250.00 | 9,553.98 | 1,812.03 | 742.64 | 1,958.23 | 0.00 | 0.00 | |
| 10,000.00 | 1.22 | 250.00 | 9,653.95 | 1,811.31 | 740.64 | 1,956.81 | 0.00 | 0.00 | |
| 10,100.00 | 1.22 | 250.00 | 9,753.93 | 1,810.58 | 738.64 | 1,955.39 | 0.00 | 0.00 | |
| 10,200.00 | 1.22 | 250.00 | 9,853.91 | 1,809.85 | 736.64 | 1,953.97 | 0.00 | 0.00 | |
| 10,300.00 | 1.22 | 250.00 | 9,953.88 | 1,809.12 | 734.64 | 1,952.56 | 0.00 | 0.00 | |
| 10,400.00 | 1.22 | 250.00 | 10,053.86 | 1,808.39 | 732.65 | 1,951.14 | 0.00 | 0.00 | |
| 10,404.14 | 1.22 | 250.00 | 10,058.00 | 1,808.36 | 732.56 | 1,951.08 | 0.00 | 0.00 | CAMEO.MBL (TVD) |
| 10,500.00 | 1.22 | 250.00 | 10,153.84 | 1,807.67 | 730.65 | 1,949.72 | 0.00 | 0.00 | |
| 10,600.00 | 1.22 | 250.00 | 10,253.82 | 1,806.94 | 728.65 | 1,948.31 | 0.00 | 0.00 | |
| 10,700.00 | 1.22 | 250.00 | 10,353.79 | 1,806.21 | 726.65 | 1,946.89 | 0.00 | 0.00 | |
| 10,800.00 | 1.22 | 250.00 | 10,453.77 | 1,805.48 | 724.65 | 1,945.47 | 0.00 | 0.00 | |
| 10,900.00 | 1.22 | 250.00 | 10,553.75 | 1,804.76 | 722.65 | 1,944.06 | 0.00 | 0.00 | |
| 10,904.25 | 1.22 | 250.00 | 10,558.00 | 1,804.72 | 722.56 | 1,944.00 | 0.00 | 0.00 | ROLLINS.MBL (TVD) |
| 11,000.00 | 1.22 | 250.00 | 10,653.73 | 1,804.03 | 720.65 | 1,942.64 | 0.00 | 0.00 | |
| 11,054.29 | 1.22 | 250.00 | 10,708.00 | 1,803.63 | 719.56 | 1,941.87 | 0.00 | 0.00 | TD at 11054.29 - TD.MBL (TVD) - NPR 25A-9 5 |

Targets

| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
|--|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------|-------------|
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| NPR 25A-9 596_PBHL | 0.00 | 0.00 | 10,708.00 | 1,803.63 | 719.56 | 14,401,817.80 | 2,437,714.70 | 39.624315 | -108.168772 |
| - plan hits target center | | | | | | | | | |
| - Ellipse (radii L100.00 W50.00 on 250.00 azi) | | | | | | | | | |

Formations

| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|-----------------------|-----------------------|--------------------------|-----------|---------|-------------------|
| 3,678.76 | 3,500.00 | WASATCH.MBL (TVD) | | | |
| 5,355.51 | 5,071.00 | WASATCH_G_ZONE.MBL (TVD) | | | |
| 5,729.08 | 5,421.00 | FORT_UNION.MBL (TVD) | | | |
| 7,581.50 | 7,236.00 | OHIO_CREEK.MBL (TVD) | | | |
| 7,823.55 | 7,478.00 | WILLIAMS_FORK.MBL (TVD) | | | |
| 7,873.57 | 7,528.00 | TOP_GAS.MBL (TVD) | | | |
| 10,404.14 | 10,058.00 | CAMEO.MBL (TVD) | | | |
| 10,904.25 | 10,558.00 | ROLLINS.MBL (TVD) | | | |
| 11,054.29 | 10,708.00 | TD.MBL (TVD) | | | |

Planning Report

| | | | |
|------------------|-------------------------------|-------------------------------------|--|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well NPR 25A-9 596 - Slot 25A |
| Company: | Caerus Oil & Gas | TVD Reference: | GL + KB @ 8321.00usft (Original Well Elev) |
| Project: | Garfield County, CO (UTM 12N) | MD Reference: | GL + KB @ 8321.00usft (Original Well Elev) |
| Site: | S16-T5S-R96W NPR B16 596 | North Reference: | True |
| Well: | NPR 25A-9 596 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | PLAN #1 | | |

Plan Annotations

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
|-----------------------------|-----------------------------|-------------------|-----------------|----------------------------------|
| | | +N/-S (usft) | +E/-W (usft) | |
| 175.00 | 175.00 | 0.00 | 0.00 | Start Build 3.00 |
| 275.00 | 274.95 | 1.68 | 2.01 | Start 210.00 hold at 275.00 MD |
| 485.00 | 484.67 | 8.75 | 10.42 | Start DLS 3.00 TFO -30.86 |
| 1,079.23 | 1,064.43 | 114.98 | 63.85 | Start 5012.15 hold at 1079.23 MD |
| 6,091.38 | 5,760.46 | 1,723.93 | 756.90 | Start Drop -3.00 |
| 6,773.33 | 6,428.00 | 1,834.57 | 804.56 | Start DLS 2.00 TFO 250.00 |
| 6,834.29 | 6,488.96 | 1,834.34 | 803.95 | Start 4219.99 hold at 6834.29 MD |
| 11,054.29 | 10,708.00 | 1,803.63 | 719.56 | TD at 11054.29 |