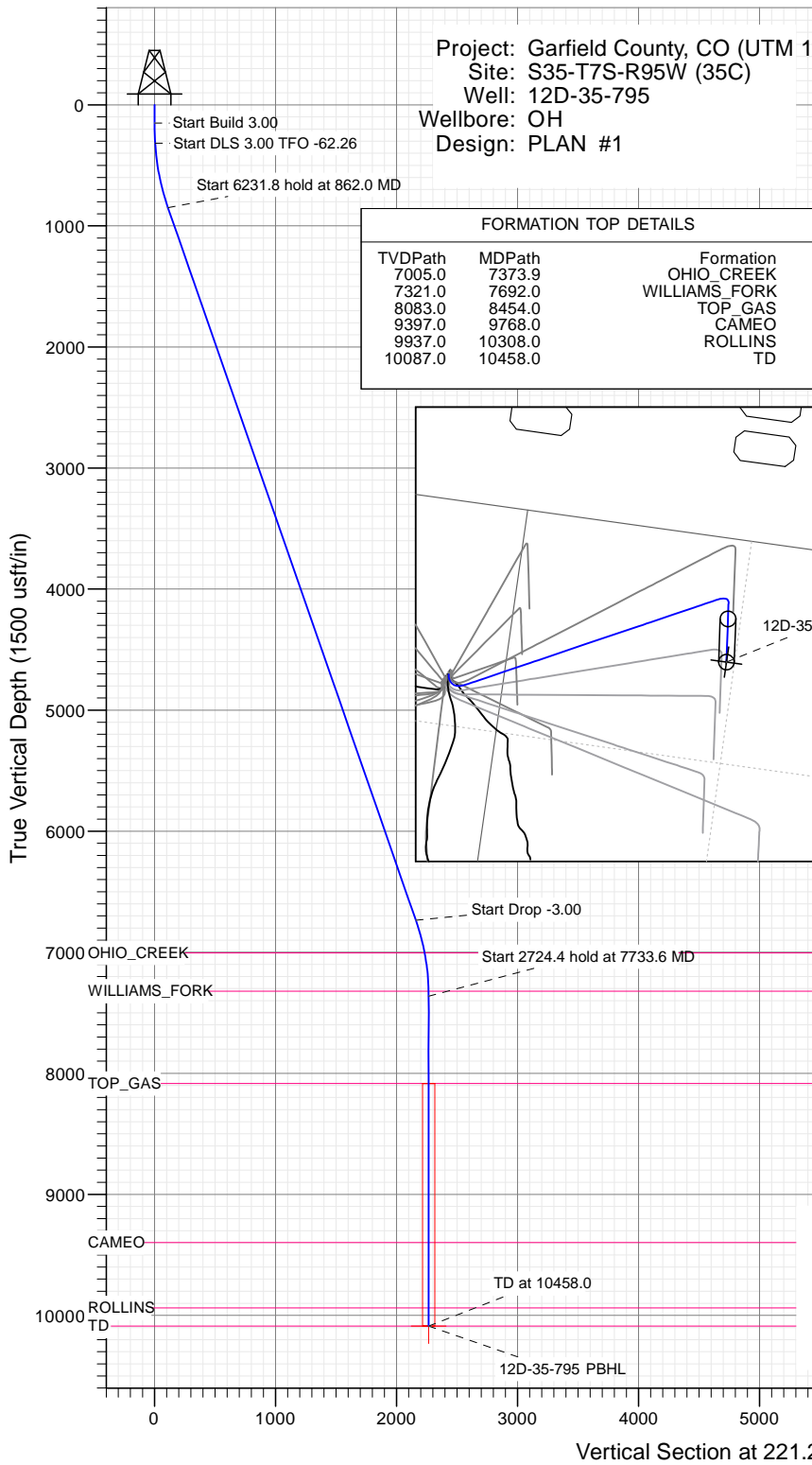




SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSection | Target |
|-----|---------|-------|--------|---------|---------|---------|------|--------|----------|-----------------|
| 1 | 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 2 | 150.0 | 0.00 | 0.00 | 150.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 3 | 316.7 | 5.00 | 270.00 | 316.5 | 0.0 | -7.3 | 3.00 | 270.00 | 4.8 | |
| 4 | 862.0 | 19.19 | 220.68 | 849.3 | -68.4 | -90.0 | 3.00 | -62.26 | 110.8 | |
| 5 | 7093.9 | 19.19 | 220.68 | 6734.8 | -1622.1 | -1425.2 | 0.00 | 0.00 | 2159.3 | |
| 6 | 7733.6 | 0.00 | 0.00 | 7362.6 | -1702.6 | -1494.4 | 3.00 | 180.00 | 2265.4 | |
| 7 | 10458.0 | 0.00 | 0.00 | 10087.0 | -1702.6 | -1494.4 | 0.00 | 0.00 | 2265.4 | 12D-35-795 PBHL |

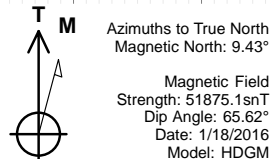
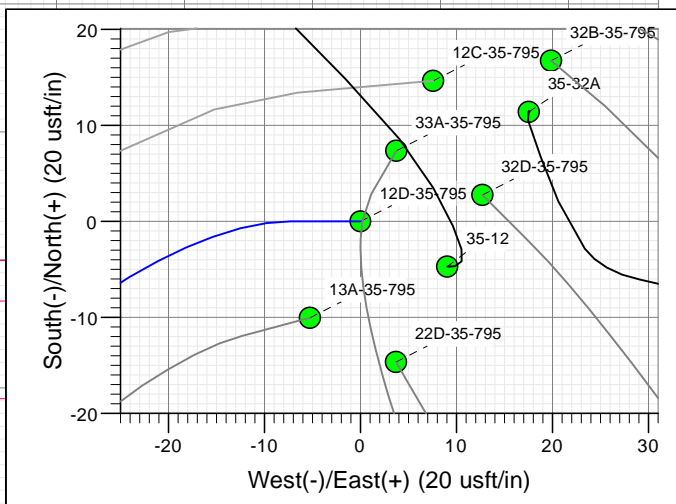
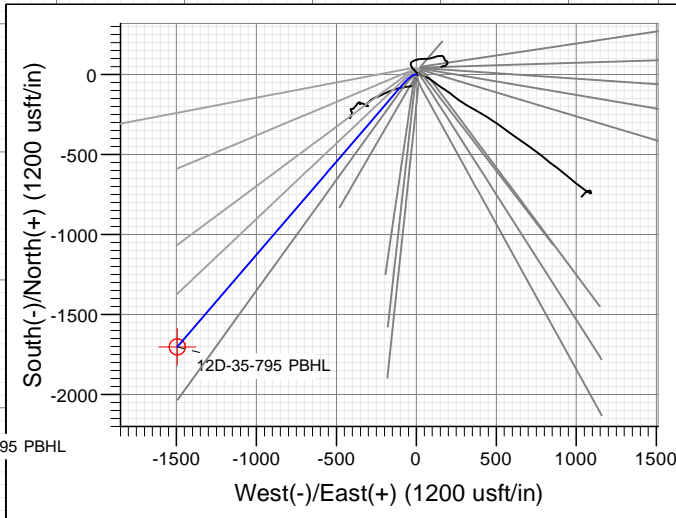


FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|---------|---------|---------------|
| 7005.0 | 7373.9 | OHIO_CREEK |
| 7321.0 | 7692.0 | WILLIAMS_FORK |
| 8083.0 | 8454.0 | TOP_GAS |
| 9397.0 | 9768.0 | CAMEO |
| 9937.0 | 10308.0 | ROLLINS |
| 10087.0 | 10458.0 | TD |

PLAN #1
12D-35-795
18XXX LR
30' KB @ 9266.0usft
Ground Level @ 9236.0
NAD 1927 - Western US
Well 12D-35-795, True North

| Type | Target | No Target (Freehand) | Azimuth | Origin Type | N/S | E/W | From TVD |
|-----------------|--------|----------------------|---------|-------------|-----------|-----------|-------------|
| Name | TD | | 221.27 | Slot | 0.0 | 0.0 | 0.0 |
| 12D-35-795 PBHL | | | 10087.0 | +N/-S | -1702.6 | +E/-W | -1494.4 |
| | | | | Latitude | 39.394232 | Longitude | -107.971259 |



CASING DETAILS

No casing data is available



WELL DETAILS: 12D-35-795

| +N/-S | +E/-W | Northing | Ground Level: | Easting | Latitude | Longitude |
|-------|-------|-------------|---------------|------------|-----------|-------------|
| 0.0 | 0.0 | 14321589.40 | 9236.0 | 2497602.60 | 39.398905 | -107.965974 |



Cathedral Energy Services

Planning Report

| | | | |
|------------------|-------------------------------|-------------------------------------|---------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well 12D-35-795 |
| Company: | Caerus Oil & Gas | TVD Reference: | 30' KB @ 9266.0usft |
| Project: | Garfield County, CO (UTM 12N) | MD Reference: | 30' KB @ 9266.0usft |
| Site: | S35-T7S-R95W (35C) | North Reference: | True |
| Well: | 12D-35-795 | 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 | | S35-T7S-R95W (35C) | | | |
| Site Position: | | Northing: | 14,321,562.10 usft | Latitude: | 39.398831 |
| From: | Map | Easting: | 2,497,589.70 usft | Longitude: | -107.966023 |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | 1.93 ° |

| | | | | | | |
|----------------------|------------|----------|---------------------|--------------------|---------------|--------------|
| Well | 12D-35-795 | | | | | |
| Well Position | +N/-S | 0.0 usft | Northing: | 14,321,589.40 usft | Latitude: | 39.398905 |
| | +E/-W | 0.0 usft | Easting: | 2,497,602.60 usft | Longitude: | -107.965974 |
| Position Uncertainty | | 0.0 usft | Wellhead Elevation: | 0.0 usft | Ground Level: | 9,236.0 usft |

| | | | | | |
|------------------|-------------------|--------------------|--------------------|------------------|-----------------------|
| Wellbore | OH | | | | |
| Magnetics | Model Name | Sample Date | Declination | Dip Angle | Field Strength |
| | | | (°) | (°) | (nT) |
| | HDGM | 1/18/2016 | 9.43 | 65.62 | 51,875 |

| | | | | | |
|--------------------------|-------------------------|--------------|----------------------|------------------|--|
| Design | PLAN #1 | | | | |
| Audit Notes: | | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.0 | |
| Vertical Section: | Depth From (TVD) | +N/-S | +E/-W | Direction | |
| | (usft) | (usft) | (usft) | (°) | |
| | 0.0 | 0.0 | 0.0 | 221.27 | |

| 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 |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 150.0 | 0.00 | 0.00 | 150.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 316.7 | 5.00 | 270.00 | 316.5 | 0.0 | -7.3 | 3.00 | 3.00 | 0.00 | 270.00 | |
| 862.0 | 19.19 | 220.68 | 849.3 | -68.4 | -90.0 | 3.00 | 2.60 | -9.04 | -62.26 | |
| 7,093.9 | 19.19 | 220.68 | 6,734.8 | -1,622.1 | -1,425.2 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,733.6 | 0.00 | 0.00 | 7,362.6 | -1,702.6 | -1,494.4 | 3.00 | -3.00 | 0.00 | 180.00 | |
| 10,458.0 | 0.00 | 0.00 | 10,087.0 | -1,702.6 | -1,494.4 | 0.00 | 0.00 | 0.00 | 0.00 | 12D-35-795 PBHL |

Cathedral Energy Services

Planning Report

| | | | |
|------------------|-------------------------------|-------------------------------------|---------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well 12D-35-795 |
| Company: | Caerus Oil & Gas | TVD Reference: | 30' KB @ 9266.0usft |
| Project: | Garfield County, CO (UTM 12N) | MD Reference: | 30' KB @ 9266.0usft |
| Site: | S35-T7S-R95W (35C) | North Reference: | True |
| Well: | 12D-35-795 | 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 |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|---------------------|-------------------------------|
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | |
| 100.0 | 0.00 | 0.00 | 100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | |
| 150.0 | 0.00 | 0.00 | 150.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | Start Build 3.00 |
| 200.0 | 1.50 | 270.00 | 200.0 | 0.0 | -0.7 | 0.4 | 3.00 | 3.00 | |
| 300.0 | 4.50 | 270.00 | 299.8 | 0.0 | -5.9 | 3.9 | 3.00 | 3.00 | |
| 316.7 | 5.00 | 270.00 | 316.5 | 0.0 | -7.3 | 4.8 | 3.00 | 3.00 | Start DLS 3.00 TFO -62.26 |
| 400.0 | 6.55 | 250.21 | 399.4 | -1.6 | -15.4 | 11.3 | 3.00 | 1.86 | |
| 500.0 | 8.99 | 237.12 | 498.5 | -7.8 | -27.3 | 23.9 | 3.00 | 2.44 | |
| 600.0 | 11.69 | 229.79 | 596.8 | -18.6 | -41.6 | 41.4 | 3.00 | 2.70 | |
| 700.0 | 14.51 | 225.23 | 694.2 | -33.9 | -58.2 | 63.9 | 3.00 | 2.82 | |
| 800.0 | 17.39 | 222.14 | 790.4 | -53.8 | -77.2 | 91.4 | 3.00 | 2.88 | |
| 862.0 | 19.19 | 220.68 | 849.3 | -68.4 | -90.0 | 110.8 | 3.00 | 2.91 | Start 6231.8 hold at 862.0 MD |
| 900.0 | 19.19 | 220.68 | 885.1 | -77.9 | -98.2 | 123.3 | 0.00 | 0.00 | |
| 1,000.0 | 19.19 | 220.68 | 979.6 | -102.8 | -119.6 | 156.2 | 0.00 | 0.00 | |
| 1,100.0 | 19.19 | 220.68 | 1,074.0 | -127.8 | -141.0 | 189.0 | 0.00 | 0.00 | |
| 1,200.0 | 19.19 | 220.68 | 1,168.4 | -152.7 | -162.4 | 221.9 | 0.00 | 0.00 | |
| 1,300.0 | 19.19 | 220.68 | 1,262.9 | -177.6 | -183.9 | 254.8 | 0.00 | 0.00 | |
| 1,400.0 | 19.19 | 220.68 | 1,357.3 | -202.6 | -205.3 | 287.7 | 0.00 | 0.00 | |
| 1,500.0 | 19.19 | 220.68 | 1,451.8 | -227.5 | -226.7 | 320.5 | 0.00 | 0.00 | |
| 1,600.0 | 19.19 | 220.68 | 1,546.2 | -252.4 | -248.1 | 353.4 | 0.00 | 0.00 | |
| 1,700.0 | 19.19 | 220.68 | 1,640.7 | -277.4 | -269.6 | 386.3 | 0.00 | 0.00 | |
| 1,800.0 | 19.19 | 220.68 | 1,735.1 | -302.3 | -291.0 | 419.1 | 0.00 | 0.00 | |
| 1,900.0 | 19.19 | 220.68 | 1,829.5 | -327.2 | -312.4 | 452.0 | 0.00 | 0.00 | |
| 2,000.0 | 19.19 | 220.68 | 1,924.0 | -352.2 | -333.8 | 484.9 | 0.00 | 0.00 | |
| 2,100.0 | 19.19 | 220.68 | 2,018.4 | -377.1 | -355.3 | 517.8 | 0.00 | 0.00 | |
| 2,200.0 | 19.19 | 220.68 | 2,112.9 | -402.0 | -376.7 | 550.6 | 0.00 | 0.00 | |
| 2,300.0 | 19.19 | 220.68 | 2,207.3 | -426.9 | -398.1 | 583.5 | 0.00 | 0.00 | |
| 2,400.0 | 19.19 | 220.68 | 2,301.8 | -451.9 | -419.5 | 616.4 | 0.00 | 0.00 | |
| 2,500.0 | 19.19 | 220.68 | 2,396.2 | -476.8 | -441.0 | 649.2 | 0.00 | 0.00 | |
| 2,600.0 | 19.19 | 220.68 | 2,490.6 | -501.7 | -462.4 | 682.1 | 0.00 | 0.00 | |
| 2,700.0 | 19.19 | 220.68 | 2,585.1 | -526.7 | -483.8 | 715.0 | 0.00 | 0.00 | |
| 2,800.0 | 19.19 | 220.68 | 2,679.5 | -551.6 | -505.2 | 747.8 | 0.00 | 0.00 | |
| 2,900.0 | 19.19 | 220.68 | 2,774.0 | -576.5 | -526.7 | 780.7 | 0.00 | 0.00 | |
| 3,000.0 | 19.19 | 220.68 | 2,868.4 | -601.5 | -548.1 | 813.6 | 0.00 | 0.00 | |
| 3,100.0 | 19.19 | 220.68 | 2,962.8 | -626.4 | -569.5 | 846.5 | 0.00 | 0.00 | |
| 3,200.0 | 19.19 | 220.68 | 3,057.3 | -651.3 | -590.9 | 879.3 | 0.00 | 0.00 | |
| 3,300.0 | 19.19 | 220.68 | 3,151.7 | -676.3 | -612.4 | 912.2 | 0.00 | 0.00 | |
| 3,400.0 | 19.19 | 220.68 | 3,246.2 | -701.2 | -633.8 | 945.1 | 0.00 | 0.00 | |
| 3,500.0 | 19.19 | 220.68 | 3,340.6 | -726.1 | -655.2 | 977.9 | 0.00 | 0.00 | |
| 3,600.0 | 19.19 | 220.68 | 3,435.1 | -751.1 | -676.6 | 1,010.8 | 0.00 | 0.00 | |
| 3,700.0 | 19.19 | 220.68 | 3,529.5 | -776.0 | -698.1 | 1,043.7 | 0.00 | 0.00 | |
| 3,800.0 | 19.19 | 220.68 | 3,623.9 | -800.9 | -719.5 | 1,076.6 | 0.00 | 0.00 | |
| 3,900.0 | 19.19 | 220.68 | 3,718.4 | -825.8 | -740.9 | 1,109.4 | 0.00 | 0.00 | |
| 4,000.0 | 19.19 | 220.68 | 3,812.8 | -850.8 | -762.3 | 1,142.3 | 0.00 | 0.00 | |
| 4,100.0 | 19.19 | 220.68 | 3,907.3 | -875.7 | -783.8 | 1,175.2 | 0.00 | 0.00 | |
| 4,200.0 | 19.19 | 220.68 | 4,001.7 | -900.6 | -805.2 | 1,208.0 | 0.00 | 0.00 | |
| 4,300.0 | 19.19 | 220.68 | 4,096.2 | -925.6 | -826.6 | 1,240.9 | 0.00 | 0.00 | |
| 4,400.0 | 19.19 | 220.68 | 4,190.6 | -950.5 | -848.0 | 1,273.8 | 0.00 | 0.00 | |
| 4,500.0 | 19.19 | 220.68 | 4,285.0 | -975.4 | -869.5 | 1,306.7 | 0.00 | 0.00 | |
| 4,600.0 | 19.19 | 220.68 | 4,379.5 | -1,000.4 | -890.9 | 1,339.5 | 0.00 | 0.00 | |
| 4,700.0 | 19.19 | 220.68 | 4,473.9 | -1,025.3 | -912.3 | 1,372.4 | 0.00 | 0.00 | |
| 4,800.0 | 19.19 | 220.68 | 4,568.4 | -1,050.2 | -933.7 | 1,405.3 | 0.00 | 0.00 | |

Cathedral Energy Services

Planning Report

| | | | |
|------------------|-------------------------------|-------------------------------------|---------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well 12D-35-795 |
| Company: | Caerus Oil & Gas | TVD Reference: | 30' KB @ 9266.0usft |
| Project: | Garfield County, CO (UTM 12N) | MD Reference: | 30' KB @ 9266.0usft |
| Site: | S35-T7S-R95W (35C) | North Reference: | True |
| Well: | 12D-35-795 | 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 |
| 4,900.0 | 19.19 | 220.68 | 4,662.8 | -1,075.2 | -955.2 | 1,438.1 | 0.00 | 0.00 | |
| 5,000.0 | 19.19 | 220.68 | 4,757.3 | -1,100.1 | -976.6 | 1,471.0 | 0.00 | 0.00 | |
| 5,100.0 | 19.19 | 220.68 | 4,851.7 | -1,125.0 | -998.0 | 1,503.9 | 0.00 | 0.00 | |
| 5,200.0 | 19.19 | 220.68 | 4,946.1 | -1,149.9 | -1,019.4 | 1,536.7 | 0.00 | 0.00 | |
| 5,300.0 | 19.19 | 220.68 | 5,040.6 | -1,174.9 | -1,040.9 | 1,569.6 | 0.00 | 0.00 | |
| 5,400.0 | 19.19 | 220.68 | 5,135.0 | -1,199.8 | -1,062.3 | 1,602.5 | 0.00 | 0.00 | |
| 5,500.0 | 19.19 | 220.68 | 5,229.5 | -1,224.7 | -1,083.7 | 1,635.4 | 0.00 | 0.00 | |
| 5,600.0 | 19.19 | 220.68 | 5,323.9 | -1,249.7 | -1,105.1 | 1,668.2 | 0.00 | 0.00 | |
| 5,700.0 | 19.19 | 220.68 | 5,418.4 | -1,274.6 | -1,126.6 | 1,701.1 | 0.00 | 0.00 | |
| 5,800.0 | 19.19 | 220.68 | 5,512.8 | -1,299.5 | -1,148.0 | 1,734.0 | 0.00 | 0.00 | |
| 5,900.0 | 19.19 | 220.68 | 5,607.2 | -1,324.5 | -1,169.4 | 1,766.8 | 0.00 | 0.00 | |
| 6,000.0 | 19.19 | 220.68 | 5,701.7 | -1,349.4 | -1,190.8 | 1,799.7 | 0.00 | 0.00 | |
| 6,100.0 | 19.19 | 220.68 | 5,796.1 | -1,374.3 | -1,212.3 | 1,832.6 | 0.00 | 0.00 | |
| 6,200.0 | 19.19 | 220.68 | 5,890.6 | -1,399.3 | -1,233.7 | 1,865.5 | 0.00 | 0.00 | |
| 6,300.0 | 19.19 | 220.68 | 5,985.0 | -1,424.2 | -1,255.1 | 1,898.3 | 0.00 | 0.00 | |
| 6,400.0 | 19.19 | 220.68 | 6,079.5 | -1,449.1 | -1,276.5 | 1,931.2 | 0.00 | 0.00 | |
| 6,500.0 | 19.19 | 220.68 | 6,173.9 | -1,474.1 | -1,298.0 | 1,964.1 | 0.00 | 0.00 | |
| 6,600.0 | 19.19 | 220.68 | 6,268.3 | -1,499.0 | -1,319.4 | 1,996.9 | 0.00 | 0.00 | |
| 6,700.0 | 19.19 | 220.68 | 6,362.8 | -1,523.9 | -1,340.8 | 2,029.8 | 0.00 | 0.00 | |
| 6,800.0 | 19.19 | 220.68 | 6,457.2 | -1,548.8 | -1,362.3 | 2,062.7 | 0.00 | 0.00 | |
| 6,900.0 | 19.19 | 220.68 | 6,551.7 | -1,573.8 | -1,383.7 | 2,095.6 | 0.00 | 0.00 | |
| 7,000.0 | 19.19 | 220.68 | 6,646.1 | -1,598.7 | -1,405.1 | 2,128.4 | 0.00 | 0.00 | |
| 7,093.9 | 19.19 | 220.68 | 6,734.8 | -1,622.1 | -1,425.2 | 2,159.3 | 0.00 | 0.00 | Start Drop -3.00 |
| 7,100.0 | 19.01 | 220.68 | 6,740.6 | -1,623.6 | -1,426.5 | 2,161.3 | 3.00 | -3.00 | |
| 7,200.0 | 16.01 | 220.68 | 6,835.9 | -1,646.4 | -1,446.1 | 2,191.4 | 3.00 | -3.00 | |
| 7,300.0 | 13.01 | 220.68 | 6,932.7 | -1,665.4 | -1,462.5 | 2,216.4 | 3.00 | -3.00 | |
| 7,373.9 | 10.79 | 220.68 | 7,005.0 | -1,677.0 | -1,472.4 | 2,231.6 | 3.00 | -3.00 | OHIO_CREEK |
| 7,400.0 | 10.01 | 220.68 | 7,030.7 | -1,680.6 | -1,475.5 | 2,236.4 | 3.00 | -3.00 | |
| 7,500.0 | 7.01 | 220.68 | 7,129.6 | -1,691.8 | -1,485.1 | 2,251.1 | 3.00 | -3.00 | |
| 7,600.0 | 4.01 | 220.68 | 7,229.1 | -1,699.1 | -1,491.4 | 2,260.7 | 3.00 | -3.00 | |
| 7,692.0 | 1.25 | 220.68 | 7,321.0 | -1,702.3 | -1,494.1 | 2,265.0 | 3.00 | -3.00 | WILLIAMS_FORK |
| 7,700.0 | 1.01 | 220.68 | 7,329.0 | -1,702.4 | -1,494.2 | 2,265.1 | 3.00 | -3.00 | |
| 7,733.6 | 0.00 | 0.00 | 7,362.6 | -1,702.6 | -1,494.4 | 2,265.4 | 3.00 | -3.00 | Start 2724.4 hold at 7733.6 MD |
| 7,800.0 | 0.00 | 0.00 | 7,429.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 7,900.0 | 0.00 | 0.00 | 7,529.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 8,000.0 | 0.00 | 0.00 | 7,629.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 8,100.0 | 0.00 | 0.00 | 7,729.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 8,200.0 | 0.00 | 0.00 | 7,829.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 8,300.0 | 0.00 | 0.00 | 7,929.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 8,400.0 | 0.00 | 0.00 | 8,029.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 8,454.0 | 0.00 | 0.00 | 8,083.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | TOP_GAS |
| 8,500.0 | 0.00 | 0.00 | 8,129.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 8,600.0 | 0.00 | 0.00 | 8,229.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 8,700.0 | 0.00 | 0.00 | 8,329.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 8,800.0 | 0.00 | 0.00 | 8,429.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 8,900.0 | 0.00 | 0.00 | 8,529.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 9,000.0 | 0.00 | 0.00 | 8,629.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 9,100.0 | 0.00 | 0.00 | 8,729.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 9,200.0 | 0.00 | 0.00 | 8,829.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 9,300.0 | 0.00 | 0.00 | 8,929.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 9,400.0 | 0.00 | 0.00 | 9,029.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 9,500.0 | 0.00 | 0.00 | 9,129.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |

Cathedral Energy Services

Planning Report

| | | | |
|------------------|-------------------------------|-------------------------------------|---------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well 12D-35-795 |
| Company: | Caerus Oil & Gas | TVD Reference: | 30' KB @ 9266.0usft |
| Project: | Garfield County, CO (UTM 12N) | MD Reference: | 30' KB @ 9266.0usft |
| Site: | S35-T7S-R95W (35C) | North Reference: | True |
| Well: | 12D-35-795 | 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 |
| 9,600.0 | 0.00 | 0.00 | 9,229.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 9,700.0 | 0.00 | 0.00 | 9,329.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 9,768.0 | 0.00 | 0.00 | 9,397.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | CAMEO |
| 9,800.0 | 0.00 | 0.00 | 9,429.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 9,900.0 | 0.00 | 0.00 | 9,529.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 10,000.0 | 0.00 | 0.00 | 9,629.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 10,100.0 | 0.00 | 0.00 | 9,729.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 10,200.0 | 0.00 | 0.00 | 9,829.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 10,300.0 | 0.00 | 0.00 | 9,929.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 10,308.0 | 0.00 | 0.00 | 9,937.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | ROLLINS |
| 10,400.0 | 0.00 | 0.00 | 10,029.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | |
| 10,458.0 | 0.00 | 0.00 | 10,087.0 | -1,702.6 | -1,494.4 | 2,265.4 | 0.00 | 0.00 | TD at 10458.0 - TD |

| Targets | | | | | | | | | |
|---------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------|-------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
| 12D-35-795 PBHL | 0.00 | 0.00 | 10,087.0 | -1,702.6 | -1,494.4 | 14,319,837.50 | 2,496,166.30 | 39.394232 | -107.971259 |
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| - plan hits target center | | | | | | | | | |
| - Circle (radius 50.0) | | | | | | | | | |

| Formations | | | | | | |
|-----------------------|-----------------------|---------------|-----------|---------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 7,373.9 | 7,005.0 | OHIO_CREEK | | | | |
| 7,692.0 | 7,321.0 | WILLIAMS_FORK | | | | |
| 8,454.0 | 8,083.0 | TOP_GAS | | | | |
| 9,768.0 | 9,397.0 | CAMEO | | 0.00 | | |
| 10,308.0 | 9,937.0 | ROLLINS | | | | |
| 10,458.0 | 10,087.0 | TD | | | | |

| Plan Annotations | | | | | |
|-----------------------|-----------------------|-------------------|--------------|--------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment | |
| | | +N/-S (usft) | +E/-W (usft) | | |
| 150.0 | 150.0 | 0.0 | 0.0 | Start Build 3.00 | |
| 316.7 | 316.5 | 0.0 | -7.3 | Start DLS 3.00 TFO -62.26 | |
| 862.0 | 849.3 | -68.4 | -90.0 | Start 6231.8 hold at 862.0 MD | |
| 7,093.9 | 6,734.8 | -1,622.1 | -1,425.2 | Start Drop -3.00 | |
| 7,733.6 | 7,362.6 | -1,702.6 | -1,494.4 | Start 2724.4 hold at 7733.6 MD | |
| 10,458.0 | 10,087.0 | -1,702.6 | -1,494.4 | TD at 10458.0 | |