

Project: Rio Blanco County, CO
 Site: ELU A18 495 Pad
 Well: ELU A18 FED 25C-12-496
 Wellbore: OH
 Design: Design #5
 Latitude: 39.709003
 Longitude: -108.103927
 Ground Level: 8029.0
 RKB=30' @ 8059.0usft (TBD)

PROJECT DETAILS: Rio Blanco County, CO

Geodetic System: Universal Transverse Mercator (US Survey Feet)
 Datum: NAD 1927 - Western US
 Ellipsoid: Clarke 1866
 Zone: Zone 12N (114 W to 108 W)
 System Datum: Mean Sea Level

REFERENCE INFORMATION

Vertical (TVD) Reference: RKB=30' @ 8059.0usft (TBD)
 Section (VS) Reference: Slot - 25C-12(0.0N, 0.0E)
 Measured Depth Reference: RKB=30' @ 8059.0usft (TBD)
 Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|---------|---------|---------------|
| 3876.0 | 3910.3 | Wasatch |
| 6426.0 | 6485.9 | Wasatch G |
| 6836.0 | 6900.1 | Fort Union |
| 8837.0 | 8919.3 | Ohio Creek |
| 9487.0 | 9569.5 | Williams Fork |
| 12387.0 | 12470.2 | Cameo |
| 12887.0 | 12970.3 | Rollins |

SECTION DETAILS

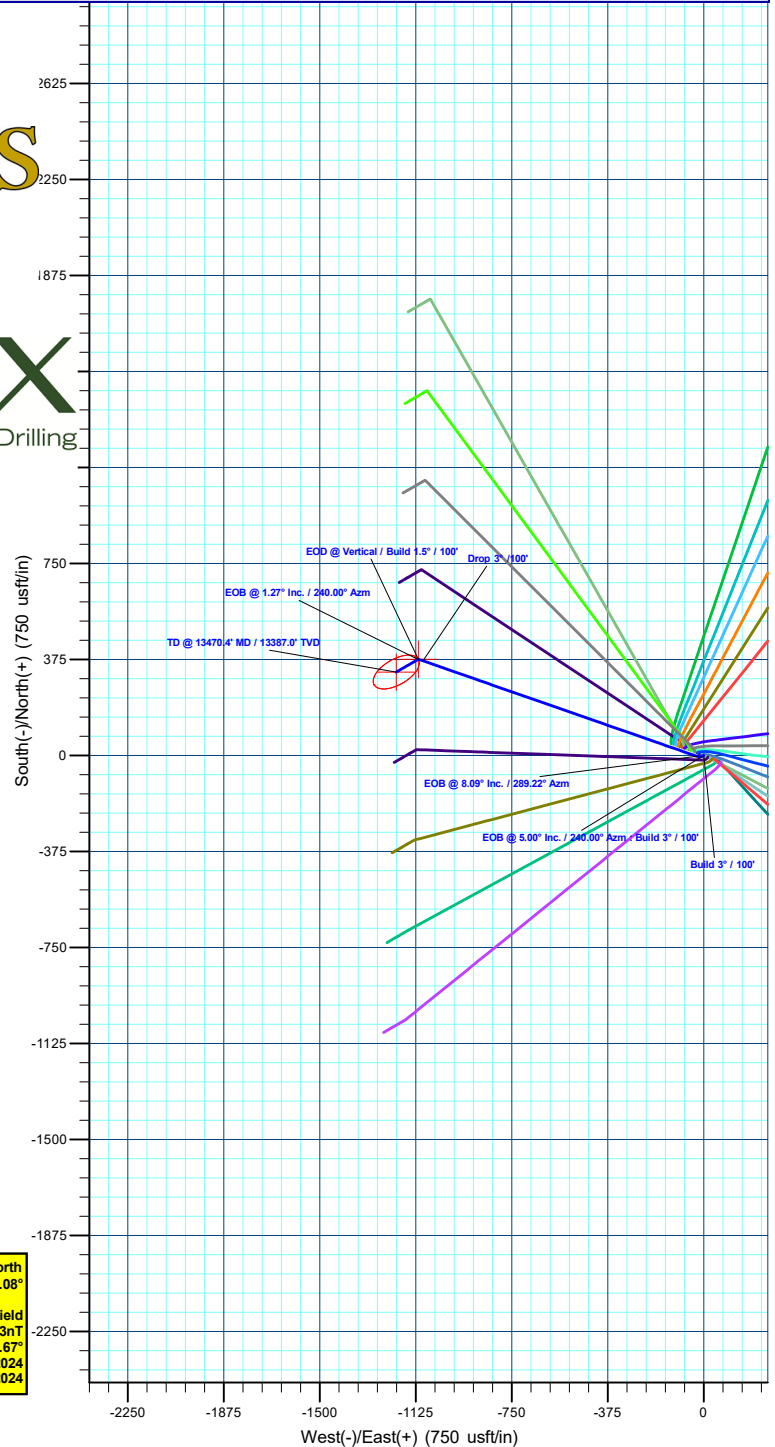
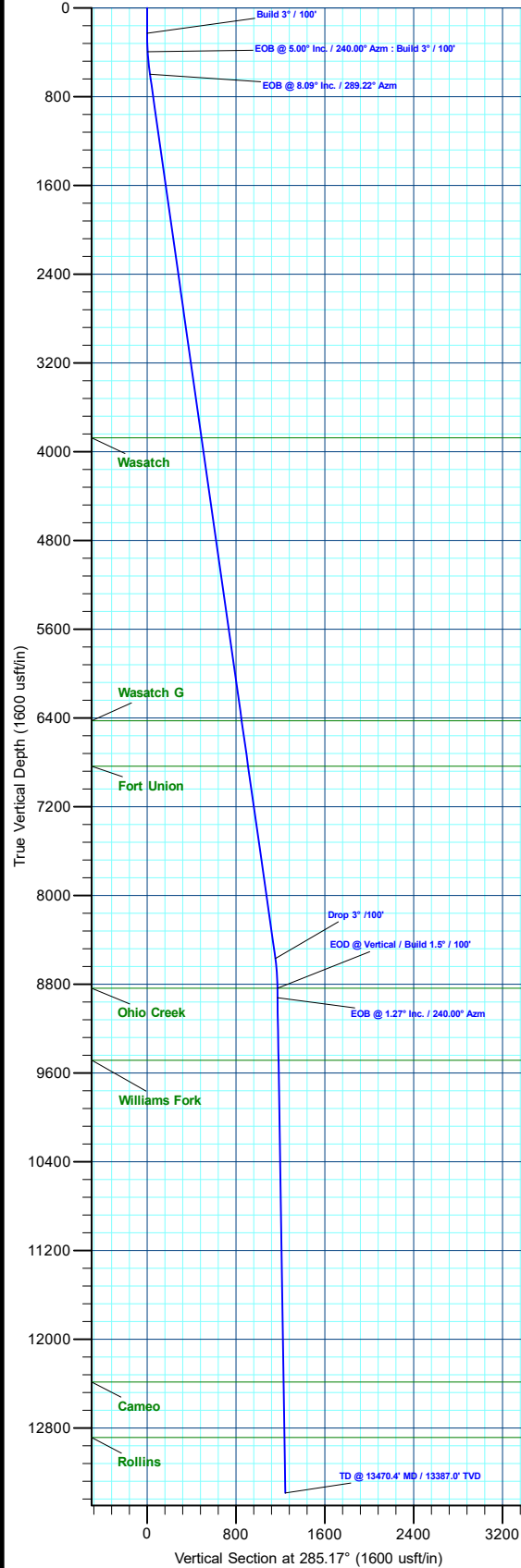
| MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSect | Annotation |
|---------|------|--------|---------|-------|---------|------|--------|--------|--|
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 230.0 | 0.00 | 0.00 | 230.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | Build 3° / 100' |
| 396.7 | 5.00 | 240.00 | 396.5 | -3.6 | -6.3 | 3.00 | 240.00 | 5.1 | EOB @ 5.00° Inc. / 240.00° Azm : Build 3° / 100' |
| 600.7 | 8.09 | 289.22 | 599.3 | -3.4 | -27.6 | 3.00 | 87.19 | 25.7 | EOB @ 8.09° Inc. / 289.22° Azm |
| 8649.8 | 8.09 | 289.22 | 8568.4 | 369.4 | -1096.6 | 0.00 | 0.00 | 1155.1 | Drop 3° / 100' |
| 8919.3 | 0.00 | 0.00 | 8837.0 | 375.7 | -1114.6 | 3.00 | 180.00 | 1174.0 | EOD @ Vertical / Build 1.5° / 100' |
| 9004.1 | 1.27 | 240.00 | 8921.7 | 375.2 | -1115.4 | 1.50 | 240.00 | 1174.7 | EOB @ 1.27° Inc. / 240.00° Azm |
| 13470.4 | 1.27 | 240.00 | 13387.0 | 325.7 | -1201.2 | 0.00 | 0.00 | 1244.5 | TD @ 13470.4' MD / 13387.0' TVD |

DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
|---------------|---------|-------|---------|-------------|------------|-----------|-------------|
| 25C-12 - OHCR | 8837.0 | 375.7 | -1114.6 | 14433583.27 | 2453856.44 | 39.710034 | -108.107887 |
| 25C-12 - PBHL | 13387.0 | 325.7 | -1201.2 | 14433530.50 | 2453771.50 | 39.709897 | -108.108195 |

WELL DETAILS: ELU A18 FED 25C-12-496

| +N/-S | +E/-W | Ground Level | Northing | Easting | Latitude | Longitude |
|-------|-------|--------------|-------------|------------|-----------|-------------|
| 0.0 | 0.0 | 8029.0 | 14433243.78 | 2454982.56 | 39.709003 | -108.103927 |
| | | | | | | 25C-12 |



T M
 Azimuths to True North
 Magnetic North: 9.08°
 Magnetic Field
 Strength: 50823.3nT
 Dip Angle: 65.67°
 Date: 5/16/2024
 Model: HDGM2024

Plan: Design #5 (ELU A18 FED 25C-12-496/OH)

Created By: Will Jircik Date: 22:38, June 09 2024



Caerus Oil & Gas

Rio Blanco County, CO

ELU A18 495 Pad

ELU A18 FED 25C-12-496 - Slot 25C-12

OH

Plan: Design #5

KLX Well Planning Report

09 June, 2024



| | | | |
|------------------|------------------------|-------------------------------------|---|
| Database: | KLXDirectional-AD | Local Co-ordinate Reference: | Well ELU A18 FED 25C-12-496 - Slot 25C-12 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB=30' @ 8059.0usft (TBD) |
| Project: | Rio Blanco County, CO | MD Reference: | RKB=30' @ 8059.0usft (TBD) |
| Site: | ELU A18 495 Pad | North Reference: | True |
| Well: | ELU A18 FED 25C-12-496 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Design #5 | | |

| | | | |
|--------------------|--|----------------------|----------------|
| Project | Rio Blanco County, CO | | |
| 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 | ELU A18 495 Pad | | | | |
| Site Position: | Northing: | 14,433,285.62 usft | Latitude: | 39.709129 | |
| From: Map | Easting: | 2,454,854.21 usft | Longitude: | -108.104378 | |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | 1.85 ° |

| | | | | | | |
|-----------------------------|--------------------------------------|------------|----------------------------|--------------------|----------------------|--------------|
| Well | ELU A18 FED 25C-12-496 - Slot 25C-12 | | | | | |
| Well Position | +N/-S | -46.0 usft | Northing: | 14,433,243.78 usft | Latitude: | 39.709003 |
| | +E/-W | 126.9 usft | Easting: | 2,454,982.56 usft | Longitude: | -108.103927 |
| Position Uncertainty | | 0.0 usft | Wellhead Elevation: | | Ground Level: | 8,029.0 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | OH | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM2024 | 5/16/2024 | 9.08 | 65.67 | 50,823.3000000 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | Design #5 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 285.17 |

| 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 | |
| 230.0 | 0.00 | 0.00 | 230.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 396.7 | 5.00 | 240.00 | 396.5 | -3.6 | -6.3 | 3.00 | 3.00 | 0.00 | 240.00 | |
| 600.7 | 8.09 | 289.22 | 599.3 | -3.4 | -27.6 | 3.00 | 1.51 | 24.12 | 87.19 | |
| 8,649.8 | 8.09 | 289.22 | 8,568.4 | 369.4 | -1,096.6 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 8,919.3 | 0.00 | 0.00 | 8,837.0 | 375.7 | -1,114.6 | 3.00 | -3.00 | 0.00 | 180.00 | 25C-12 - OHCR |
| 9,004.1 | 1.27 | 240.00 | 8,921.7 | 375.2 | -1,115.4 | 1.50 | 1.50 | -141.63 | 240.00 | |
| 13,470.4 | 1.27 | 240.00 | 13,387.0 | 325.7 | -1,201.2 | 0.00 | 0.00 | 0.00 | 0.00 | 25C-12 - PBHL |

| | | | |
|------------------|------------------------|-------------------------------------|---|
| Database: | KLXDirectional-AD | Local Co-ordinate Reference: | Well ELU A18 FED 25C-12-496 - Slot 25C-12 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB=30' @ 8059.0usft (TBD) |
| Project: | Rio Blanco County, CO | MD Reference: | RKB=30' @ 8059.0usft (TBD) |
| Site: | ELU A18 495 Pad | North Reference: | True |
| Well: | ELU A18 FED 25C-12-496 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Design #5 | | |

| Planned Survey | | | | | | | | | |
|---|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | 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 |
| 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 |
| Build 3° / 100' | | | | | | | | | |
| 230.0 | 0.00 | 0.00 | 230.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 300.0 | 2.10 | 240.00 | 300.0 | -0.6 | -1.1 | 0.9 | 3.00 | 3.00 | 0.00 |
| EOB @ 5.00° Inc. / 240.00° Azm : Build 3° / 100' | | | | | | | | | |
| 396.7 | 5.00 | 240.00 | 396.5 | -3.6 | -6.3 | 5.1 | 3.00 | 3.00 | 0.00 |
| 400.0 | 5.01 | 241.14 | 399.8 | -3.8 | -6.5 | 5.3 | 3.00 | 0.18 | 34.34 |
| 500.0 | 6.01 | 271.06 | 499.3 | -5.8 | -15.6 | 13.5 | 3.00 | 1.00 | 29.92 |
| EOB @ 8.09° Inc. / 289.22° Azm | | | | | | | | | |
| 600.7 | 8.09 | 289.22 | 599.3 | -3.4 | -27.6 | 25.7 | 3.00 | 2.06 | 18.03 |
| 700.0 | 8.09 | 289.22 | 697.6 | 1.2 | -40.8 | 39.7 | 0.00 | 0.00 | 0.00 |
| 800.0 | 8.09 | 289.22 | 796.6 | 5.9 | -54.0 | 53.7 | 0.00 | 0.00 | 0.00 |
| 900.0 | 8.09 | 289.22 | 895.6 | 10.5 | -67.3 | 67.7 | 0.00 | 0.00 | 0.00 |
| 1,000.0 | 8.09 | 289.22 | 994.6 | 15.1 | -80.6 | 81.8 | 0.00 | 0.00 | 0.00 |
| 1,100.0 | 8.09 | 289.22 | 1,093.6 | 19.8 | -93.9 | 95.8 | 0.00 | 0.00 | 0.00 |
| 1,200.0 | 8.09 | 289.22 | 1,192.6 | 24.4 | -107.2 | 109.8 | 0.00 | 0.00 | 0.00 |
| 1,300.0 | 8.09 | 289.22 | 1,291.6 | 29.0 | -120.4 | 123.8 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 8.09 | 289.22 | 1,390.6 | 33.7 | -133.7 | 137.9 | 0.00 | 0.00 | 0.00 |
| 1,500.0 | 8.09 | 289.22 | 1,489.6 | 38.3 | -147.0 | 151.9 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 8.09 | 289.22 | 1,588.6 | 42.9 | -160.3 | 165.9 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 8.09 | 289.22 | 1,687.6 | 47.6 | -173.6 | 180.0 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 8.09 | 289.22 | 1,786.7 | 52.2 | -186.9 | 194.0 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 8.09 | 289.22 | 1,885.7 | 56.8 | -200.1 | 208.0 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 8.09 | 289.22 | 1,984.7 | 61.5 | -213.4 | 222.1 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 8.09 | 289.22 | 2,083.7 | 66.1 | -226.7 | 236.1 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 8.09 | 289.22 | 2,182.7 | 70.7 | -240.0 | 250.1 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 8.09 | 289.22 | 2,281.7 | 75.3 | -253.3 | 264.2 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 8.09 | 289.22 | 2,380.7 | 80.0 | -266.5 | 278.2 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 8.09 | 289.22 | 2,479.7 | 84.6 | -279.8 | 292.2 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 8.09 | 289.22 | 2,578.7 | 89.2 | -293.1 | 306.2 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 8.09 | 289.22 | 2,677.7 | 93.9 | -306.4 | 320.3 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 8.09 | 289.22 | 2,776.7 | 98.5 | -319.7 | 334.3 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 8.09 | 289.22 | 2,875.7 | 103.1 | -333.0 | 348.3 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 8.09 | 289.22 | 2,974.7 | 107.8 | -346.2 | 362.4 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 8.09 | 289.22 | 3,073.7 | 112.4 | -359.5 | 376.4 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 8.09 | 289.22 | 3,172.7 | 117.0 | -372.8 | 390.4 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 8.09 | 289.22 | 3,271.7 | 121.7 | -386.1 | 404.5 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 8.09 | 289.22 | 3,370.7 | 126.3 | -399.4 | 418.5 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 8.09 | 289.22 | 3,469.8 | 130.9 | -412.6 | 432.5 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 8.09 | 289.22 | 3,568.8 | 135.6 | -425.9 | 446.6 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 8.09 | 289.22 | 3,667.8 | 140.2 | -439.2 | 460.6 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 8.09 | 289.22 | 3,766.8 | 144.8 | -452.5 | 474.6 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 8.09 | 289.22 | 3,865.8 | 149.5 | -465.8 | 488.6 | 0.00 | 0.00 | 0.00 |
| Wasatch | | | | | | | | | |
| 3,910.3 | 8.09 | 289.22 | 3,876.0 | 149.9 | -467.1 | 490.1 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 8.09 | 289.22 | 3,964.8 | 154.1 | -479.1 | 502.7 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 8.09 | 289.22 | 4,063.8 | 158.7 | -492.3 | 516.7 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 8.09 | 289.22 | 4,162.8 | 163.3 | -505.6 | 530.7 | 0.00 | 0.00 | 0.00 |
| 4,300.0 | 8.09 | 289.22 | 4,261.8 | 168.0 | -518.9 | 544.8 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 8.09 | 289.22 | 4,360.8 | 172.6 | -532.2 | 558.8 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 8.09 | 289.22 | 4,459.8 | 177.2 | -545.5 | 572.8 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 8.09 | 289.22 | 4,558.8 | 181.9 | -558.7 | 586.9 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|------------------------|-------------------------------------|---|
| Database: | KLXDirectional-AD | Local Co-ordinate Reference: | Well ELU A18 FED 25C-12-496 - Slot 25C-12 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB=30' @ 8059.0usft (TBD) |
| Project: | Rio Blanco County, CO | MD Reference: | RKB=30' @ 8059.0usft (TBD) |
| Site: | ELU A18 495 Pad | North Reference: | True |
| Well: | ELU A18 FED 25C-12-496 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Design #5 | | |

| Planned Survey | | | | | | | | | |
|--|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 4,700.0 | 8.09 | 289.22 | 4,657.8 | 186.5 | -572.0 | 600.9 | 0.00 | 0.00 | 0.00 |
| 4,800.0 | 8.09 | 289.22 | 4,756.8 | 191.1 | -585.3 | 614.9 | 0.00 | 0.00 | 0.00 |
| 4,900.0 | 8.09 | 289.22 | 4,855.8 | 195.8 | -598.6 | 629.0 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 8.09 | 289.22 | 4,954.8 | 200.4 | -611.9 | 643.0 | 0.00 | 0.00 | 0.00 |
| 5,100.0 | 8.09 | 289.22 | 5,053.8 | 205.0 | -625.2 | 657.0 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 8.09 | 289.22 | 5,152.9 | 209.7 | -638.4 | 671.1 | 0.00 | 0.00 | 0.00 |
| 5,300.0 | 8.09 | 289.22 | 5,251.9 | 214.3 | -651.7 | 685.1 | 0.00 | 0.00 | 0.00 |
| 5,400.0 | 8.09 | 289.22 | 5,350.9 | 218.9 | -665.0 | 699.1 | 0.00 | 0.00 | 0.00 |
| 5,500.0 | 8.09 | 289.22 | 5,449.9 | 223.6 | -678.3 | 713.1 | 0.00 | 0.00 | 0.00 |
| 5,600.0 | 8.09 | 289.22 | 5,548.9 | 228.2 | -691.6 | 727.2 | 0.00 | 0.00 | 0.00 |
| 5,700.0 | 8.09 | 289.22 | 5,647.9 | 232.8 | -704.8 | 741.2 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 8.09 | 289.22 | 5,746.9 | 237.5 | -718.1 | 755.2 | 0.00 | 0.00 | 0.00 |
| 5,900.0 | 8.09 | 289.22 | 5,845.9 | 242.1 | -731.4 | 769.3 | 0.00 | 0.00 | 0.00 |
| 6,000.0 | 8.09 | 289.22 | 5,944.9 | 246.7 | -744.7 | 783.3 | 0.00 | 0.00 | 0.00 |
| 6,100.0 | 8.09 | 289.22 | 6,043.9 | 251.3 | -758.0 | 797.3 | 0.00 | 0.00 | 0.00 |
| 6,200.0 | 8.09 | 289.22 | 6,142.9 | 256.0 | -771.3 | 811.4 | 0.00 | 0.00 | 0.00 |
| 6,300.0 | 8.09 | 289.22 | 6,241.9 | 260.6 | -784.5 | 825.4 | 0.00 | 0.00 | 0.00 |
| 6,400.0 | 8.09 | 289.22 | 6,340.9 | 265.2 | -797.8 | 839.4 | 0.00 | 0.00 | 0.00 |
| Wasatch G | | | | | | | | | |
| 6,485.9 | 8.09 | 289.22 | 6,426.0 | 269.2 | -809.2 | 851.5 | 0.00 | 0.00 | 0.00 |
| 6,500.0 | 8.09 | 289.22 | 6,439.9 | 269.9 | -811.1 | 853.5 | 0.00 | 0.00 | 0.00 |
| 6,600.0 | 8.09 | 289.22 | 6,538.9 | 274.5 | -824.4 | 867.5 | 0.00 | 0.00 | 0.00 |
| 6,700.0 | 8.09 | 289.22 | 6,637.9 | 279.1 | -837.7 | 881.5 | 0.00 | 0.00 | 0.00 |
| 6,800.0 | 8.09 | 289.22 | 6,736.9 | 283.8 | -850.9 | 895.5 | 0.00 | 0.00 | 0.00 |
| 6,900.0 | 8.09 | 289.22 | 6,835.9 | 288.4 | -864.2 | 909.6 | 0.00 | 0.00 | 0.00 |
| Fort Union | | | | | | | | | |
| 6,900.1 | 8.09 | 289.22 | 6,836.0 | 288.4 | -864.2 | 909.6 | 0.00 | 0.00 | 0.00 |
| 7,000.0 | 8.09 | 289.22 | 6,935.0 | 293.0 | -877.5 | 923.6 | 0.00 | 0.00 | 0.00 |
| 7,100.0 | 8.09 | 289.22 | 7,034.0 | 297.7 | -890.8 | 937.6 | 0.00 | 0.00 | 0.00 |
| 7,200.0 | 8.09 | 289.22 | 7,133.0 | 302.3 | -904.1 | 951.7 | 0.00 | 0.00 | 0.00 |
| 7,300.0 | 8.09 | 289.22 | 7,232.0 | 306.9 | -917.4 | 965.7 | 0.00 | 0.00 | 0.00 |
| 7,400.0 | 8.09 | 289.22 | 7,331.0 | 311.6 | -930.6 | 979.7 | 0.00 | 0.00 | 0.00 |
| 7,500.0 | 8.09 | 289.22 | 7,430.0 | 316.2 | -943.9 | 993.8 | 0.00 | 0.00 | 0.00 |
| 7,600.0 | 8.09 | 289.22 | 7,529.0 | 320.8 | -957.2 | 1,007.8 | 0.00 | 0.00 | 0.00 |
| 7,700.0 | 8.09 | 289.22 | 7,628.0 | 325.5 | -970.5 | 1,021.8 | 0.00 | 0.00 | 0.00 |
| 7,800.0 | 8.09 | 289.22 | 7,727.0 | 330.1 | -983.8 | 1,035.9 | 0.00 | 0.00 | 0.00 |
| 7,900.0 | 8.09 | 289.22 | 7,826.0 | 334.7 | -997.0 | 1,049.9 | 0.00 | 0.00 | 0.00 |
| 8,000.0 | 8.09 | 289.22 | 7,925.0 | 339.3 | -1,010.3 | 1,063.9 | 0.00 | 0.00 | 0.00 |
| 8,100.0 | 8.09 | 289.22 | 8,024.0 | 344.0 | -1,023.6 | 1,078.0 | 0.00 | 0.00 | 0.00 |
| 8,200.0 | 8.09 | 289.22 | 8,123.0 | 348.6 | -1,036.9 | 1,092.0 | 0.00 | 0.00 | 0.00 |
| 8,300.0 | 8.09 | 289.22 | 8,222.0 | 353.2 | -1,050.2 | 1,106.0 | 0.00 | 0.00 | 0.00 |
| 8,400.0 | 8.09 | 289.22 | 8,321.0 | 357.9 | -1,063.5 | 1,120.0 | 0.00 | 0.00 | 0.00 |
| 8,500.0 | 8.09 | 289.22 | 8,420.0 | 362.5 | -1,076.7 | 1,134.1 | 0.00 | 0.00 | 0.00 |
| 8,600.0 | 8.09 | 289.22 | 8,519.0 | 367.1 | -1,090.0 | 1,148.1 | 0.00 | 0.00 | 0.00 |
| Drop 3° / 100' | | | | | | | | | |
| 8,649.8 | 8.09 | 289.22 | 8,568.4 | 369.4 | -1,096.6 | 1,155.1 | 0.00 | 0.00 | 0.00 |
| 8,700.0 | 6.58 | 289.22 | 8,618.1 | 371.6 | -1,102.7 | 1,161.5 | 3.00 | -3.00 | 0.00 |
| 8,800.0 | 3.58 | 289.22 | 8,717.7 | 374.5 | -1,111.0 | 1,170.3 | 3.00 | -3.00 | 0.00 |
| 8,900.0 | 0.58 | 289.22 | 8,817.7 | 375.7 | -1,114.5 | 1,173.9 | 3.00 | -3.00 | 0.00 |
| EOD @ Vertical / Build 1.5° / 100' - Ohio Creek | | | | | | | | | |
| 8,919.3 | 0.00 | 0.00 | 8,837.0 | 375.7 | -1,114.6 | 1,174.0 | 3.00 | -3.00 | 0.00 |
| EOB @ 1.27° Inc. / 240.0° Azm | | | | | | | | | |
| 9,004.1 | 1.27 | 240.00 | 8,921.7 | 375.2 | -1,115.4 | 1,174.7 | 1.50 | 1.50 | 0.00 |

| | | | |
|------------------|------------------------|-------------------------------------|---|
| Database: | KLXDirectional-AD | Local Co-ordinate Reference: | Well ELU A18 FED 25C-12-496 - Slot 25C-12 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB=30' @ 8059.0usft (TBD) |
| Project: | Rio Blanco County, CO | MD Reference: | RKB=30' @ 8059.0usft (TBD) |
| Site: | ELU A18 495 Pad | North Reference: | True |
| Well: | ELU A18 FED 25C-12-496 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Design #5 | | |

| Planned Survey | | | | | | | | | | |
|--|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 9,100.0 | 1.27 | 240.00 | 9,017.6 | 374.2 | -1,117.2 | 1,176.2 | 0.00 | 0.00 | 0.00 | |
| 9,200.0 | 1.27 | 240.00 | 9,117.6 | 373.1 | -1,119.1 | 1,177.8 | 0.00 | 0.00 | 0.00 | |
| 9,300.0 | 1.27 | 240.00 | 9,217.6 | 371.9 | -1,121.1 | 1,179.3 | 0.00 | 0.00 | 0.00 | |
| 9,400.0 | 1.27 | 240.00 | 9,317.6 | 370.8 | -1,123.0 | 1,180.9 | 0.00 | 0.00 | 0.00 | |
| 9,500.0 | 1.27 | 240.00 | 9,417.5 | 369.7 | -1,124.9 | 1,182.5 | 0.00 | 0.00 | 0.00 | |
| Williams Fork | | | | | | | | | | |
| 9,569.5 | 1.27 | 240.00 | 9,487.0 | 369.0 | -1,126.2 | 1,183.5 | 0.00 | 0.00 | 0.00 | |
| 9,600.0 | 1.27 | 240.00 | 9,517.5 | 368.6 | -1,126.8 | 1,184.0 | 0.00 | 0.00 | 0.00 | |
| 9,700.0 | 1.27 | 240.00 | 9,617.5 | 367.5 | -1,128.7 | 1,185.6 | 0.00 | 0.00 | 0.00 | |
| 9,800.0 | 1.27 | 240.00 | 9,717.5 | 366.4 | -1,130.7 | 1,187.1 | 0.00 | 0.00 | 0.00 | |
| 9,900.0 | 1.27 | 240.00 | 9,817.4 | 365.3 | -1,132.6 | 1,188.7 | 0.00 | 0.00 | 0.00 | |
| 10,000.0 | 1.27 | 240.00 | 9,917.4 | 364.2 | -1,134.5 | 1,190.3 | 0.00 | 0.00 | 0.00 | |
| 10,100.0 | 1.27 | 240.00 | 10,017.4 | 363.1 | -1,136.4 | 1,191.8 | 0.00 | 0.00 | 0.00 | |
| 10,200.0 | 1.27 | 240.00 | 10,117.4 | 362.0 | -1,138.3 | 1,193.4 | 0.00 | 0.00 | 0.00 | |
| 10,300.0 | 1.27 | 240.00 | 10,217.3 | 360.9 | -1,140.3 | 1,195.0 | 0.00 | 0.00 | 0.00 | |
| 10,400.0 | 1.27 | 240.00 | 10,317.3 | 359.7 | -1,142.2 | 1,196.5 | 0.00 | 0.00 | 0.00 | |
| 10,500.0 | 1.27 | 240.00 | 10,417.3 | 358.6 | -1,144.1 | 1,198.1 | 0.00 | 0.00 | 0.00 | |
| 10,600.0 | 1.27 | 240.00 | 10,517.3 | 357.5 | -1,146.0 | 1,199.7 | 0.00 | 0.00 | 0.00 | |
| 10,700.0 | 1.27 | 240.00 | 10,617.2 | 356.4 | -1,148.0 | 1,201.2 | 0.00 | 0.00 | 0.00 | |
| 10,800.0 | 1.27 | 240.00 | 10,717.2 | 355.3 | -1,149.9 | 1,202.8 | 0.00 | 0.00 | 0.00 | |
| 10,900.0 | 1.27 | 240.00 | 10,817.2 | 354.2 | -1,151.8 | 1,204.3 | 0.00 | 0.00 | 0.00 | |
| 11,000.0 | 1.27 | 240.00 | 10,917.2 | 353.1 | -1,153.7 | 1,205.9 | 0.00 | 0.00 | 0.00 | |
| 11,100.0 | 1.27 | 240.00 | 11,017.1 | 352.0 | -1,155.6 | 1,207.5 | 0.00 | 0.00 | 0.00 | |
| 11,200.0 | 1.27 | 240.00 | 11,117.1 | 350.9 | -1,157.6 | 1,209.0 | 0.00 | 0.00 | 0.00 | |
| 11,300.0 | 1.27 | 240.00 | 11,217.1 | 349.8 | -1,159.5 | 1,210.6 | 0.00 | 0.00 | 0.00 | |
| 11,400.0 | 1.27 | 240.00 | 11,317.1 | 348.7 | -1,161.4 | 1,212.2 | 0.00 | 0.00 | 0.00 | |
| 11,500.0 | 1.27 | 240.00 | 11,417.0 | 347.5 | -1,163.3 | 1,213.7 | 0.00 | 0.00 | 0.00 | |
| 11,600.0 | 1.27 | 240.00 | 11,517.0 | 346.4 | -1,165.2 | 1,215.3 | 0.00 | 0.00 | 0.00 | |
| 11,700.0 | 1.27 | 240.00 | 11,617.0 | 345.3 | -1,167.2 | 1,216.9 | 0.00 | 0.00 | 0.00 | |
| 11,800.0 | 1.27 | 240.00 | 11,717.0 | 344.2 | -1,169.1 | 1,218.4 | 0.00 | 0.00 | 0.00 | |
| 11,900.0 | 1.27 | 240.00 | 11,816.9 | 343.1 | -1,171.0 | 1,220.0 | 0.00 | 0.00 | 0.00 | |
| 12,000.0 | 1.27 | 240.00 | 11,916.9 | 342.0 | -1,172.9 | 1,221.5 | 0.00 | 0.00 | 0.00 | |
| 12,100.0 | 1.27 | 240.00 | 12,016.9 | 340.9 | -1,174.8 | 1,223.1 | 0.00 | 0.00 | 0.00 | |
| 12,200.0 | 1.27 | 240.00 | 12,116.9 | 339.8 | -1,176.8 | 1,224.7 | 0.00 | 0.00 | 0.00 | |
| 12,300.0 | 1.27 | 240.00 | 12,216.8 | 338.7 | -1,178.7 | 1,226.2 | 0.00 | 0.00 | 0.00 | |
| 12,400.0 | 1.27 | 240.00 | 12,316.8 | 337.6 | -1,180.6 | 1,227.8 | 0.00 | 0.00 | 0.00 | |
| Cameo | | | | | | | | | | |
| 12,470.2 | 1.27 | 240.00 | 12,387.0 | 336.8 | -1,182.0 | 1,228.9 | 0.00 | 0.00 | 0.00 | |
| 12,500.0 | 1.27 | 240.00 | 12,416.8 | 336.5 | -1,182.5 | 1,229.4 | 0.00 | 0.00 | 0.00 | |
| 12,600.0 | 1.27 | 240.00 | 12,516.8 | 335.3 | -1,184.4 | 1,230.9 | 0.00 | 0.00 | 0.00 | |
| 12,700.0 | 1.27 | 240.00 | 12,616.7 | 334.2 | -1,186.4 | 1,232.5 | 0.00 | 0.00 | 0.00 | |
| 12,800.0 | 1.27 | 240.00 | 12,716.7 | 333.1 | -1,188.3 | 1,234.1 | 0.00 | 0.00 | 0.00 | |
| 12,900.0 | 1.27 | 240.00 | 12,816.7 | 332.0 | -1,190.2 | 1,235.6 | 0.00 | 0.00 | 0.00 | |
| Rollins | | | | | | | | | | |
| 12,970.3 | 1.27 | 240.00 | 12,887.0 | 331.2 | -1,191.6 | 1,236.7 | 0.00 | 0.00 | 0.00 | |
| 13,000.0 | 1.27 | 240.00 | 12,916.7 | 330.9 | -1,192.1 | 1,237.2 | 0.00 | 0.00 | 0.00 | |
| 13,100.0 | 1.27 | 240.00 | 13,016.6 | 329.8 | -1,194.0 | 1,238.7 | 0.00 | 0.00 | 0.00 | |
| 13,200.0 | 1.27 | 240.00 | 13,116.6 | 328.7 | -1,196.0 | 1,240.3 | 0.00 | 0.00 | 0.00 | |
| 13,300.0 | 1.27 | 240.00 | 13,216.6 | 327.6 | -1,197.9 | 1,241.9 | 0.00 | 0.00 | 0.00 | |
| 13,400.0 | 1.27 | 240.00 | 13,316.6 | 326.5 | -1,199.8 | 1,243.4 | 0.00 | 0.00 | 0.00 | |
| TD @ 13470.4' MD / 13387.0' TVD | | | | | | | | | | |
| 13,470.4 | 1.27 | 240.00 | 13,387.0 | 325.7 | -1,201.2 | 1,244.5 | 0.00 | 0.00 | 0.00 | |

| | | | |
|------------------|------------------------|-------------------------------------|---|
| Database: | KLXDirectional-AD | Local Co-ordinate Reference: | Well ELU A18 FED 25C-12-496 - Slot 25C-12 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB=30' @ 8059.0usft (TBD) |
| Project: | Rio Blanco County, CO | MD Reference: | RKB=30' @ 8059.0usft (TBD) |
| Site: | ELU A18 495 Pad | North Reference: | True |
| Well: | ELU A18 FED 25C-12-496 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Design #5 | | |

| Design Targets | | | | | | | | | |
|--|-----------|----------|----------|--------|----------|---------------|--------------|-----------|-------------|
| Target Name | Dip Angle | Dip Dir. | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
| - hit/miss target | (°) | (°) | (usft) | (usft) | (usft) | (usft) | (usft) | | |
| - Shape | | | | | | | | | |
| 25C-12 - OHCR - plan hits target center - Point | 0.00 | 0.00 | 8,837.0 | 375.7 | -1,114.6 | 14,433,583.27 | 2,453,856.45 | 39.710034 | -108.107887 |
| 25C-12 - PBHL - plan hits target center - Ellipse (radii L100.0 W50.0 on 240.00 azi) | 0.00 | 0.00 | 13,387.0 | 325.7 | -1,201.2 | 14,433,530.50 | 2,453,771.50 | 39.709897 | -108.108195 |

| Formations | | | | | | |
|----------------|----------------|---------------|-----------|-----|---------------|--|
| Measured Depth | Vertical Depth | Name | Lithology | Dip | Dip Direction | |
| (usft) | (usft) | | | (°) | (°) | |
| 3,910.3 | 3,876.0 | Wasatch | | | | |
| 6,485.9 | 6,426.0 | Wasatch G | | | | |
| 6,900.1 | 6,836.0 | Fort Union | | | | |
| 8,919.3 | 8,837.0 | Ohio Creek | | | | |
| 9,569.5 | 9,487.0 | Williams Fork | | | | |
| 12,470.2 | 12,387.0 | Cameo | | | | |
| 12,970.3 | 12,887.0 | Rollins | | | | |

| Plan Annotations | | | | |
|------------------|----------------|-------------------|----------|--|
| Measured Depth | Vertical Depth | Local Coordinates | | Comment |
| (usft) | (usft) | +N/-S | +E/-W | |
| | | (usft) | (usft) | |
| 230.0 | 230.0 | 0.0 | 0.0 | Build 3° / 100' |
| 396.7 | 396.5 | -3.6 | -6.3 | EOB @ 5.00° Inc. / 240.00° Azm : Build 3° / 100' |
| 600.7 | 599.3 | -3.4 | -27.6 | EOB @ 8.09° Inc. / 289.22° Azm |
| 8,649.8 | 8,568.4 | 369.4 | -1,096.6 | Drop 3° / 100' |
| 8,919.3 | 8,837.0 | 375.7 | -1,114.6 | EOD @ Vertical / Build 1.5° / 100' |
| 9,004.1 | 8,921.7 | 375.2 | -1,115.4 | EOB @ 1.27° Inc. / 240.00° Azm |
| 13,470.4 | 13,387.0 | 325.7 | -1,201.2 | TD @ 13470.4' MD / 13387.0' TVD |