

Project: Rio Blanco County, CO
Site: ELU A18 495 Pad
Well: ELU A18 FED 14B-7 495
Wellbore: Wellbore #1
Design: Design #3
Latitude: 39.709112
Longitude: -108.104318
Ground Level: 8029.0
RKB @ 8059.0usft (30')

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 @ 8059.0usft (30')
Section (VS) Reference: Slot - 14B-7(0.0N, 0.0E)
Measured Depth Reference: RKB @ 8059.0usft (30')
Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|---------|---------|------------------|
| 2800.0 | 2874.5 | Wasatch |
| 6610.0 | 6809.7 | Wasatch G |
| 6910.0 | 7119.6 | Fort Union |
| 8791.0 | 9051.8 | Ohio Creek / TOG |
| 9389.0 | 9650.0 | Williams Fork |
| 12514.0 | 12775.7 | Cameo |
| 13064.0 | 13325.8 | Rollins |

SECTION DETAILS

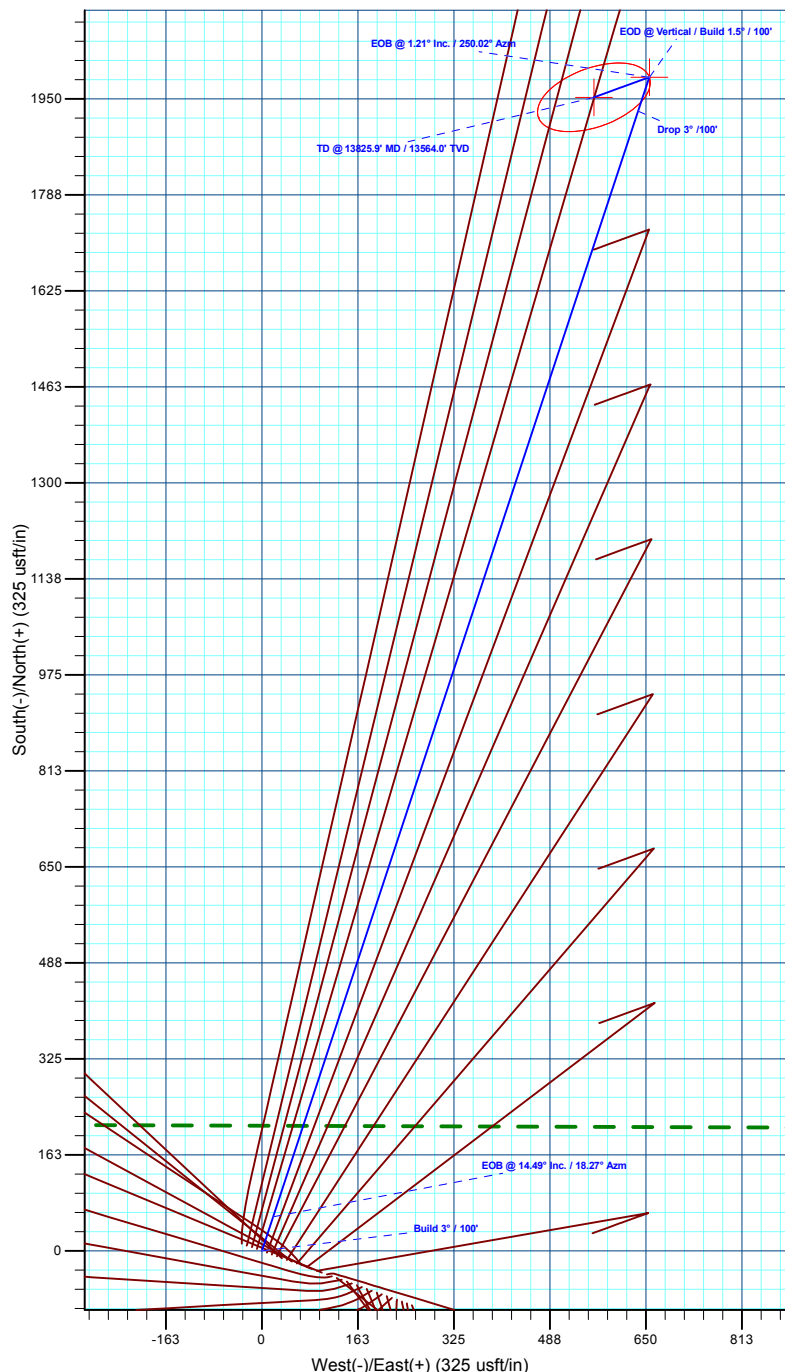
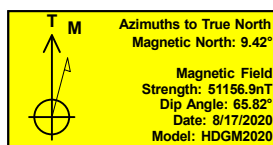
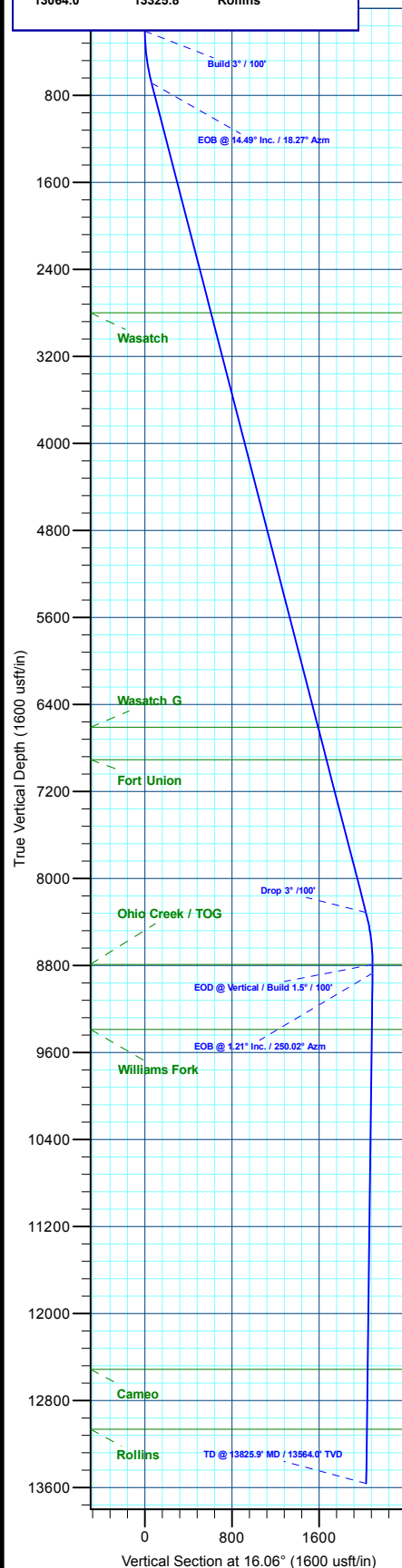
| MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | Vsect | Annotation |
|---------|-------|--------|---------|--------|-------|------|--------|--------|------------------------------------|
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | Build 3" / 100' |
| 210.0 | 0.00 | 0.00 | 210.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | EOB @ 14.49° Inc. / 18.27° Azm |
| 693.0 | 14.49 | 18.27 | 687.9 | 57.7 | 19.1 | 3.00 | 18.27 | 60.7 | Drop 3" / 100' |
| 8568.8 | 14.49 | 18.27 | 8313.1 | 1929.1 | 637.0 | 0.00 | 0.00 | 2030.0 | EOD @ Vertical / Build 1.5" / 100' |
| 9051.8 | 0.00 | 0.00 | 8791.0 | 1986.8 | 656.0 | 3.00 | 180.00 | 2090.7 | EOB @ 1.21° Inc. / 250.02° Azm |
| 9132.5 | 1.21 | 250.02 | 8871.7 | 1986.5 | 655.2 | 1.50 | 250.02 | 2090.2 | TD @ 13825.9' MD / 13564.0' TVD |
| 13825.9 | 1.21 | 250.02 | 13564.0 | 1952.6 | 562.0 | 0.00 | 0.00 | 2031.9 | |

DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
|--------------|---------|--------|-------|-------------|------------|-----------|-------------|
| 14B-7 - OHCR | 8791.0 | 1986.8 | 656.0 | 14435286.99 | 2455462.83 | 39.714564 | -108.101987 |
| 14B-7 - PBHL | 13564.0 | 1952.6 | 562.0 | 14435249.80 | 2455370.00 | 39.714471 | -108.102321 |

WELL DETAILS: ELU A18 FED 14B-7 495

| Ground Level : 8029.0 | | Northing | Easting | Latitude | Longitude |
|-----------------------|-----|-------------|------------|-----------|-------------|
| +N/-S | 0.0 | 14433280.04 | 2454871.32 | 39.709112 | -108.104318 |
| +E/-W | 0.0 | | | | 14B-7 |



Plan: Design #3 (ELU A18 FED 14B-7 495/Wellbore #1)

Created By: Will Jircik Date: 12:19, May 18 2022



Caerus Oil & Gas

Rio Blanco County, CO

ELU A18 495 Pad

ELU A18 FED 14B-7 495 - Slot 14B-7

Wellbore #1

Plan: Design #3

KLX Well Planning Report

18 May, 2022



| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU A18 FED 14B-7 495 - Slot 14B-7 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8059.0usft (30') |
| Project: | Rio Blanco County, CO | MD Reference: | RKB @ 8059.0usft (30') |
| Site: | ELU A18 495 Pad | North Reference: | True |
| Well: | ELU A18 FED 14B-7 495 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #3 | | |

| | | | |
|--------------------|--|----------------------|----------------|
| Project | Rio Blanco County, CO | | |
| Map System: | Universal Transverse Mercator (US Survey Fee | 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: | 14,433,279.80 usft | Latitude: | 39.709109 |
| From: | Map | Easting: | 2,454,904.40 usft | Longitude: | -108.104201 |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | 1.85 ° |

| Well | ELU A18 FED 14B-7 495 - Slot 14B-7 | | | | | |
|----------------------|------------------------------------|------------|---------------------|--------------------|---------------|--------------|
| Well Position | +N/-S | 1.3 usft | Northing: | 14,433,280.04 usft | Latitude: | 39.709112 |
| | +E/-W | -33.1 usft | Easting: | 2,454,871.32 usft | Longitude: | -108.104318 |
| Position Uncertainty | | 0.0 usft | Wellhead Elevation: | | Ground Level: | 8,029.0 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM2020 | 8/17/2020 | 9.42 | 65.82 | 51,156.90000000 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | Design #3 | | | |
| 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 | 16.06 |

| 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 | |
| 210.0 | 0.00 | 0.00 | 210.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 693.0 | 14.49 | 18.27 | 687.9 | 57.7 | 19.1 | 3.00 | 3.00 | 0.00 | 18.27 | |
| 8,568.8 | 14.49 | 18.27 | 8,313.1 | 1,929.1 | 637.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 9,051.8 | 0.00 | 0.00 | 8,791.0 | 1,986.8 | 656.0 | 3.00 | -3.00 | 0.00 | 180.00 | 14B-7 - OHCR |
| 9,132.5 | 1.21 | 250.02 | 8,871.7 | 1,986.5 | 655.2 | 1.50 | 1.50 | -136.29 | 250.02 | |
| 13,825.9 | 1.21 | 250.02 | 13,564.0 | 1,952.6 | 562.0 | 0.00 | 0.00 | 0.00 | 0.00 | 14B-7 - PBHL |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU A18 FED 14B-7 495 - Slot 14B-7 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8059.0usft (30') |
| Project: | Rio Blanco County, CO | MD Reference: | RKB @ 8059.0usft (30') |
| Site: | ELU A18 495 Pad | North Reference: | True |
| Well: | ELU A18 FED 14B-7 495 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #3 | | |

| 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' | | | | | | | | | |
| 210.0 | 0.00 | 0.00 | 210.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 300.0 | 2.70 | 18.27 | 300.0 | 2.0 | 0.7 | 2.1 | 3.00 | 3.00 | 0.00 |
| 400.0 | 5.70 | 18.27 | 399.7 | 9.0 | 3.0 | 9.4 | 3.00 | 3.00 | 0.00 |
| 500.0 | 8.70 | 18.27 | 498.9 | 20.9 | 6.9 | 22.0 | 3.00 | 3.00 | 0.00 |
| 600.0 | 11.70 | 18.27 | 597.3 | 37.7 | 12.4 | 39.7 | 3.00 | 3.00 | 0.00 |
| EOB @ 14.49° Inc. / 18.27° Azm | | | | | | | | | |
| 693.0 | 14.49 | 18.27 | 687.9 | 57.7 | 19.1 | 60.7 | 3.00 | 3.00 | 0.00 |
| 700.0 | 14.49 | 18.27 | 694.6 | 59.4 | 19.6 | 62.5 | 0.00 | 0.00 | 0.00 |
| 800.0 | 14.49 | 18.27 | 791.5 | 83.1 | 27.4 | 87.5 | 0.00 | 0.00 | 0.00 |
| 900.0 | 14.49 | 18.27 | 888.3 | 106.9 | 35.3 | 112.5 | 0.00 | 0.00 | 0.00 |
| 1,000.0 | 14.49 | 18.27 | 985.1 | 130.6 | 43.1 | 137.5 | 0.00 | 0.00 | 0.00 |
| 1,100.0 | 14.49 | 18.27 | 1,081.9 | 154.4 | 51.0 | 162.5 | 0.00 | 0.00 | 0.00 |
| 1,200.0 | 14.49 | 18.27 | 1,178.7 | 178.2 | 58.8 | 187.5 | 0.00 | 0.00 | 0.00 |
| 1,300.0 | 14.49 | 18.27 | 1,275.6 | 201.9 | 66.7 | 212.5 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 14.49 | 18.27 | 1,372.4 | 225.7 | 74.5 | 237.5 | 0.00 | 0.00 | 0.00 |
| 1,500.0 | 14.49 | 18.27 | 1,469.2 | 249.4 | 82.4 | 262.5 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 14.49 | 18.27 | 1,566.0 | 273.2 | 90.2 | 287.5 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 14.49 | 18.27 | 1,662.8 | 297.0 | 98.1 | 312.5 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 14.49 | 18.27 | 1,759.6 | 320.7 | 105.9 | 337.5 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 14.49 | 18.27 | 1,856.5 | 344.5 | 113.7 | 362.5 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 14.49 | 18.27 | 1,953.3 | 368.3 | 121.6 | 387.5 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 14.49 | 18.27 | 2,050.1 | 392.0 | 129.4 | 412.5 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 14.49 | 18.27 | 2,146.9 | 415.8 | 137.3 | 437.5 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 14.49 | 18.27 | 2,243.7 | 439.5 | 145.1 | 462.5 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 14.49 | 18.27 | 2,340.6 | 463.3 | 153.0 | 487.5 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 14.49 | 18.27 | 2,437.4 | 487.1 | 160.8 | 512.5 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 14.49 | 18.27 | 2,534.2 | 510.8 | 168.7 | 537.5 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 14.49 | 18.27 | 2,631.0 | 534.6 | 176.5 | 562.5 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 14.49 | 18.27 | 2,727.8 | 558.3 | 184.4 | 587.6 | 0.00 | 0.00 | 0.00 |
| Wasatch | | | | | | | | | |
| 2,874.5 | 14.49 | 18.27 | 2,800.0 | 576.1 | 190.2 | 606.2 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 14.49 | 18.27 | 2,824.7 | 582.1 | 192.2 | 612.6 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 14.49 | 18.27 | 2,921.5 | 605.9 | 200.1 | 637.6 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 14.49 | 18.27 | 3,018.3 | 629.6 | 207.9 | 662.6 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 14.49 | 18.27 | 3,115.1 | 653.4 | 215.7 | 687.6 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 14.49 | 18.27 | 3,211.9 | 677.2 | 223.6 | 712.6 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 14.49 | 18.27 | 3,308.7 | 700.9 | 231.4 | 737.6 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 14.49 | 18.27 | 3,405.6 | 724.7 | 239.3 | 762.6 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 14.49 | 18.27 | 3,502.4 | 748.4 | 247.1 | 787.6 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 14.49 | 18.27 | 3,599.2 | 772.2 | 255.0 | 812.6 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 14.49 | 18.27 | 3,696.0 | 796.0 | 262.8 | 837.6 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 14.49 | 18.27 | 3,792.8 | 819.7 | 270.7 | 862.6 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 14.49 | 18.27 | 3,889.7 | 843.5 | 278.5 | 887.6 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 14.49 | 18.27 | 3,986.5 | 867.2 | 286.4 | 912.6 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 14.49 | 18.27 | 4,083.3 | 891.0 | 294.2 | 937.6 | 0.00 | 0.00 | 0.00 |
| 4,300.0 | 14.49 | 18.27 | 4,180.1 | 914.8 | 302.1 | 962.6 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 14.49 | 18.27 | 4,276.9 | 938.5 | 309.9 | 987.6 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 14.49 | 18.27 | 4,373.7 | 962.3 | 317.7 | 1,012.6 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 14.49 | 18.27 | 4,470.6 | 986.1 | 325.6 | 1,037.6 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU A18 FED 14B-7 495 - Slot 14B-7 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8059.0usft (30') |
| Project: | Rio Blanco County, CO | MD Reference: | RKB @ 8059.0usft (30') |
| Site: | ELU A18 495 Pad | North Reference: | True |
| Well: | ELU A18 FED 14B-7 495 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #3 | | |

| 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 | 14.49 | 18.27 | 4,567.4 | 1,009.8 | 333.4 | 1,062.6 | 0.00 | 0.00 | 0.00 |
| 4,800.0 | 14.49 | 18.27 | 4,664.2 | 1,033.6 | 341.3 | 1,087.6 | 0.00 | 0.00 | 0.00 |
| 4,900.0 | 14.49 | 18.27 | 4,761.0 | 1,057.3 | 349.1 | 1,112.7 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 14.49 | 18.27 | 4,857.8 | 1,081.1 | 357.0 | 1,137.7 | 0.00 | 0.00 | 0.00 |
| 5,100.0 | 14.49 | 18.27 | 4,954.7 | 1,104.9 | 364.8 | 1,162.7 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 14.49 | 18.27 | 5,051.5 | 1,128.6 | 372.7 | 1,187.7 | 0.00 | 0.00 | 0.00 |
| 5,300.0 | 14.49 | 18.27 | 5,148.3 | 1,152.4 | 380.5 | 1,212.7 | 0.00 | 0.00 | 0.00 |
| 5,400.0 | 14.49 | 18.27 | 5,245.1 | 1,176.1 | 388.4 | 1,237.7 | 0.00 | 0.00 | 0.00 |
| 5,500.0 | 14.49 | 18.27 | 5,341.9 | 1,199.9 | 396.2 | 1,262.7 | 0.00 | 0.00 | 0.00 |
| 5,600.0 | 14.49 | 18.27 | 5,438.8 | 1,223.7 | 404.0 | 1,287.7 | 0.00 | 0.00 | 0.00 |
| 5,700.0 | 14.49 | 18.27 | 5,535.6 | 1,247.4 | 411.9 | 1,312.7 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 14.49 | 18.27 | 5,632.4 | 1,271.2 | 419.7 | 1,337.7 | 0.00 | 0.00 | 0.00 |
| 5,900.0 | 14.49 | 18.27 | 5,729.2 | 1,295.0 | 427.6 | 1,362.7 | 0.00 | 0.00 | 0.00 |
| 6,000.0 | 14.49 | 18.27 | 5,826.0 | 1,318.7 | 435.4 | 1,387.7 | 0.00 | 0.00 | 0.00 |
| 6,100.0 | 14.49 | 18.27 | 5,922.8 | 1,342.5 | 443.3 | 1,412.7 | 0.00 | 0.00 | 0.00 |
| 6,200.0 | 14.49 | 18.27 | 6,019.7 | 1,366.2 | 451.1 | 1,437.7 | 0.00 | 0.00 | 0.00 |
| 6,300.0 | 14.49 | 18.27 | 6,116.5 | 1,390.0 | 459.0 | 1,462.7 | 0.00 | 0.00 | 0.00 |
| 6,400.0 | 14.49 | 18.27 | 6,213.3 | 1,413.8 | 466.8 | 1,487.7 | 0.00 | 0.00 | 0.00 |
| 6,500.0 | 14.49 | 18.27 | 6,310.1 | 1,437.5 | 474.7 | 1,512.7 | 0.00 | 0.00 | 0.00 |
| 6,600.0 | 14.49 | 18.27 | 6,406.9 | 1,461.3 | 482.5 | 1,537.7 | 0.00 | 0.00 | 0.00 |
| 6,700.0 | 14.49 | 18.27 | 6,503.8 | 1,485.0 | 490.4 | 1,562.7 | 0.00 | 0.00 | 0.00 |
| 6,800.0 | 14.49 | 18.27 | 6,600.6 | 1,508.8 | 498.2 | 1,587.7 | 0.00 | 0.00 | 0.00 |
| Wasatch G | | | | | | | | | |
| 6,809.7 | 14.49 | 18.27 | 6,610.0 | 1,511.1 | 499.0 | 1,590.2 | 0.00 | 0.00 | 0.00 |
| 6,900.0 | 14.49 | 18.27 | 6,697.4 | 1,532.6 | 506.0 | 1,612.7 | 0.00 | 0.00 | 0.00 |
| 7,000.0 | 14.49 | 18.27 | 6,794.2 | 1,556.3 | 513.9 | 1,637.8 | 0.00 | 0.00 | 0.00 |
| 7,100.0 | 14.49 | 18.27 | 6,891.0 | 1,580.1 | 521.7 | 1,662.8 | 0.00 | 0.00 | 0.00 |
| Fort Union | | | | | | | | | |
| 7,119.6 | 14.49 | 18.27 | 6,910.0 | 1,584.7 | 523.3 | 1,667.7 | 0.00 | 0.00 | 0.00 |
| 7,200.0 | 14.49 | 18.27 | 6,987.8 | 1,603.9 | 529.6 | 1,687.8 | 0.00 | 0.00 | 0.00 |
| 7,300.0 | 14.49 | 18.27 | 7,084.7 | 1,627.6 | 537.4 | 1,712.8 | 0.00 | 0.00 | 0.00 |
| 7,400.0 | 14.49 | 18.27 | 7,181.5 | 1,651.4 | 545.3 | 1,737.8 | 0.00 | 0.00 | 0.00 |
| 7,500.0 | 14.49 | 18.27 | 7,278.3 | 1,675.1 | 553.1 | 1,762.8 | 0.00 | 0.00 | 0.00 |
| 7,600.0 | 14.49 | 18.27 | 7,375.1 | 1,698.9 | 561.0 | 1,787.8 | 0.00 | 0.00 | 0.00 |
| 7,700.0 | 14.49 | 18.27 | 7,471.9 | 1,722.7 | 568.8 | 1,812.8 | 0.00 | 0.00 | 0.00 |
| 7,800.0 | 14.49 | 18.27 | 7,568.8 | 1,746.4 | 576.7 | 1,837.8 | 0.00 | 0.00 | 0.00 |
| 7,900.0 | 14.49 | 18.27 | 7,665.6 | 1,770.2 | 584.5 | 1,862.8 | 0.00 | 0.00 | 0.00 |
| 8,000.0 | 14.49 | 18.27 | 7,762.4 | 1,793.9 | 592.4 | 1,887.8 | 0.00 | 0.00 | 0.00 |
| 8,100.0 | 14.49 | 18.27 | 7,859.2 | 1,817.7 | 600.2 | 1,912.8 | 0.00 | 0.00 | 0.00 |
| 8,200.0 | 14.49 | 18.27 | 7,956.0 | 1,841.5 | 608.0 | 1,937.8 | 0.00 | 0.00 | 0.00 |
| 8,300.0 | 14.49 | 18.27 | 8,052.9 | 1,865.2 | 615.9 | 1,962.8 | 0.00 | 0.00 | 0.00 |
| 8,400.0 | 14.49 | 18.27 | 8,149.7 | 1,889.0 | 623.7 | 1,987.8 | 0.00 | 0.00 | 0.00 |
| 8,500.0 | 14.49 | 18.27 | 8,246.5 | 1,912.8 | 631.6 | 2,012.8 | 0.00 | 0.00 | 0.00 |
| Drop 3° /100' | | | | | | | | | |
| 8,568.8 | 14.49 | 18.27 | 8,313.1 | 1,929.1 | 637.0 | 2,030.0 | 0.00 | 0.00 | 0.00 |
| 8,600.0 | 13.55 | 18.27 | 8,343.4 | 1,936.3 | 639.3 | 2,037.6 | 3.00 | -3.00 | 0.00 |
| 8,700.0 | 10.55 | 18.27 | 8,441.2 | 1,956.1 | 645.9 | 2,058.4 | 3.00 | -3.00 | 0.00 |
| 8,800.0 | 7.55 | 18.27 | 8,539.9 | 1,971.1 | 650.8 | 2,074.2 | 3.00 | -3.00 | 0.00 |
| 8,900.0 | 4.55 | 18.27 | 8,639.3 | 1,981.1 | 654.1 | 2,084.7 | 3.00 | -3.00 | 0.00 |
| 9,000.0 | 1.55 | 18.27 | 8,739.2 | 1,986.1 | 655.8 | 2,090.0 | 3.00 | -3.00 | 0.00 |
| EOD @ Vertical / Build 1.5° / 100' - Ohio Creek / TOG | | | | | | | | | |
| 9,051.8 | 0.00 | 0.00 | 8,791.0 | 1,986.8 | 656.0 | 2,090.7 | 3.00 | -3.00 | 0.00 |
| 9,100.0 | 0.72 | 250.02 | 8,839.2 | 1,986.7 | 655.7 | 2,090.6 | 1.50 | 1.50 | 0.00 |
| EOB @ 1.21° Inc. / 250.02° Azm | | | | | | | | | |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU A18 FED 14B-7 495 - Slot 14B-7 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8059.0usft (30') |
| Project: | Rio Blanco County, CO | MD Reference: | RKB @ 8059.0usft (30') |
| Site: | ELU A18 495 Pad | North Reference: | True |
| Well: | ELU A18 FED 14B-7 495 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #3 | | |

| 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) |
| 9,132.5 | 1.21 | 250.02 | 8,871.7 | 1,986.5 | 655.2 | 2,090.2 | 1.50 | 1.50 | 0.00 |
| 9,200.0 | 1.21 | 250.02 | 8,939.1 | 1,986.0 | 653.9 | 2,089.4 | 0.00 | 0.00 | 0.00 |
| 9,300.0 | 1.21 | 250.02 | 9,039.1 | 1,985.3 | 651.9 | 2,088.2 | 0.00 | 0.00 | 0.00 |
| 9,400.0 | 1.21 | 250.02 | 9,139.1 | 1,984.6 | 649.9 | 2,086.9 | 0.00 | 0.00 | 0.00 |
| 9,500.0 | 1.21 | 250.02 | 9,239.1 | 1,983.9 | 647.9 | 2,085.7 | 0.00 | 0.00 | 0.00 |
| 9,600.0 | 1.21 | 250.02 | 9,339.1 | 1,983.1 | 645.9 | 2,084.4 | 0.00 | 0.00 | 0.00 |
| Williams Fork | | | | | | | | | |
| 9,650.0 | 1.21 | 250.02 | 9,389.0 | 1,982.8 | 645.0 | 2,083.8 | 0.00 | 0.00 | 0.00 |
| 9,700.0 | 1.21 | 250.02 | 9,439.0 | 1,982.4 | 644.0 | 2,083.2 | 0.00 | 0.00 | 0.00 |
| 9,800.0 | 1.21 | 250.02 | 9,539.0 | 1,981.7 | 642.0 | 2,081.9 | 0.00 | 0.00 | 0.00 |
| 9,900.0 | 1.21 | 250.02 | 9,639.0 | 1,981.0 | 640.0 | 2,080.7 | 0.00 | 0.00 | 0.00 |
| 10,000.0 | 1.21 | 250.02 | 9,739.0 | 1,980.2 | 638.0 | 2,079.5 | 0.00 | 0.00 | 0.00 |
| 10,100.0 | 1.21 | 250.02 | 9,838.9 | 1,979.5 | 636.0 | 2,078.2 | 0.00 | 0.00 | 0.00 |
| 10,200.0 | 1.21 | 250.02 | 9,938.9 | 1,978.8 | 634.0 | 2,077.0 | 0.00 | 0.00 | 0.00 |
| 10,300.0 | 1.21 | 250.02 | 10,038.9 | 1,978.1 | 632.0 | 2,075.7 | 0.00 | 0.00 | 0.00 |
| 10,400.0 | 1.21 | 250.02 | 10,138.9 | 1,977.4 | 630.1 | 2,074.5 | 0.00 | 0.00 | 0.00 |
| 10,500.0 | 1.21 | 250.02 | 10,238.9 | 1,976.6 | 628.1 | 2,073.2 | 0.00 | 0.00 | 0.00 |
| 10,600.0 | 1.21 | 250.02 | 10,338.8 | 1,975.9 | 626.1 | 2,072.0 | 0.00 | 0.00 | 0.00 |
| 10,700.0 | 1.21 | 250.02 | 10,438.8 | 1,975.2 | 624.1 | 2,070.8 | 0.00 | 0.00 | 0.00 |
| 10,800.0 | 1.21 | 250.02 | 10,538.8 | 1,974.5 | 622.1 | 2,069.5 | 0.00 | 0.00 | 0.00 |
| 10,900.0 | 1.21 | 250.02 | 10,638.8 | 1,973.7 | 620.1 | 2,068.3 | 0.00 | 0.00 | 0.00 |
| 11,000.0 | 1.21 | 250.02 | 10,738.7 | 1,973.0 | 618.2 | 2,067.0 | 0.00 | 0.00 | 0.00 |
| 11,100.0 | 1.21 | 250.02 | 10,838.7 | 1,972.3 | 616.2 | 2,065.8 | 0.00 | 0.00 | 0.00 |
| 11,200.0 | 1.21 | 250.02 | 10,938.7 | 1,971.6 | 614.2 | 2,064.5 | 0.00 | 0.00 | 0.00 |
| 11,300.0 | 1.21 | 250.02 | 11,038.7 | 1,970.9 | 612.2 | 2,063.3 | 0.00 | 0.00 | 0.00 |
| 11,400.0 | 1.21 | 250.02 | 11,138.7 | 1,970.1 | 610.2 | 2,062.1 | 0.00 | 0.00 | 0.00 |
| 11,500.0 | 1.21 | 250.02 | 11,238.6 | 1,969.4 | 608.2 | 2,060.8 | 0.00 | 0.00 | 0.00 |
| 11,600.0 | 1.21 | 250.02 | 11,338.6 | 1,968.7 | 606.2 | 2,059.6 | 0.00 | 0.00 | 0.00 |
| 11,700.0 | 1.21 | 250.02 | 11,438.6 | 1,968.0 | 604.3 | 2,058.3 | 0.00 | 0.00 | 0.00 |
| 11,800.0 | 1.21 | 250.02 | 11,538.6 | 1,967.2 | 602.3 | 2,057.1 | 0.00 | 0.00 | 0.00 |
| 11,900.0 | 1.21 | 250.02 | 11,638.5 | 1,966.5 | 600.3 | 2,055.8 | 0.00 | 0.00 | 0.00 |
| 12,000.0 | 1.21 | 250.02 | 11,738.5 | 1,965.8 | 598.3 | 2,054.6 | 0.00 | 0.00 | 0.00 |
| 12,100.0 | 1.21 | 250.02 | 11,838.5 | 1,965.1 | 596.3 | 2,053.4 | 0.00 | 0.00 | 0.00 |
| 12,200.0 | 1.21 | 250.02 | 11,938.5 | 1,964.4 | 594.3 | 2,052.1 | 0.00 | 0.00 | 0.00 |
| 12,300.0 | 1.21 | 250.02 | 12,038.5 | 1,963.6 | 592.3 | 2,050.9 | 0.00 | 0.00 | 0.00 |
| 12,400.0 | 1.21 | 250.02 | 12,138.4 | 1,962.9 | 590.4 | 2,049.6 | 0.00 | 0.00 | 0.00 |
| 12,500.0 | 1.21 | 250.02 | 12,238.4 | 1,962.2 | 588.4 | 2,048.4 | 0.00 | 0.00 | 0.00 |
| 12,600.0 | 1.21 | 250.02 | 12,338.4 | 1,961.5 | 586.4 | 2,047.1 | 0.00 | 0.00 | 0.00 |
| 12,700.0 | 1.21 | 250.02 | 12,438.4 | 1,960.8 | 584.4 | 2,045.9 | 0.00 | 0.00 | 0.00 |
| Cameo | | | | | | | | | |
| 12,775.7 | 1.21 | 250.02 | 12,514.0 | 1,960.2 | 582.9 | 2,045.0 | 0.00 | 0.00 | 0.00 |
| 12,800.0 | 1.21 | 250.02 | 12,538.3 | 1,960.0 | 582.4 | 2,044.7 | 0.00 | 0.00 | 0.00 |
| 12,900.0 | 1.21 | 250.02 | 12,638.3 | 1,959.3 | 580.4 | 2,043.4 | 0.00 | 0.00 | 0.00 |
| 13,000.0 | 1.21 | 250.02 | 12,738.3 | 1,958.6 | 578.4 | 2,042.2 | 0.00 | 0.00 | 0.00 |
| 13,100.0 | 1.21 | 250.02 | 12,838.3 | 1,957.9 | 576.5 | 2,040.9 | 0.00 | 0.00 | 0.00 |
| 13,200.0 | 1.21 | 250.02 | 12,938.3 | 1,957.1 | 574.5 | 2,039.7 | 0.00 | 0.00 | 0.00 |
| 13,300.0 | 1.21 | 250.02 | 13,038.2 | 1,956.4 | 572.5 | 2,038.4 | 0.00 | 0.00 | 0.00 |
| Rollins | | | | | | | | | |
| 13,325.8 | 1.21 | 250.02 | 13,064.0 | 1,956.2 | 572.0 | 2,038.1 | 0.00 | 0.00 | 0.00 |
| 13,400.0 | 1.21 | 250.02 | 13,138.2 | 1,955.7 | 570.5 | 2,037.2 | 0.00 | 0.00 | 0.00 |
| 13,500.0 | 1.21 | 250.02 | 13,238.2 | 1,955.0 | 568.5 | 2,036.0 | 0.00 | 0.00 | 0.00 |
| 13,600.0 | 1.21 | 250.02 | 13,338.2 | 1,954.3 | 566.5 | 2,034.7 | 0.00 | 0.00 | 0.00 |
| 13,700.0 | 1.21 | 250.02 | 13,438.1 | 1,953.5 | 564.5 | 2,033.5 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU A18 FED 14B-7 495 - Slot 14B-7 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8059.0usft (30') |
| Project: | Rio Blanco County, CO | MD Reference: | RKB @ 8059.0usft (30') |
| Site: | ELU A18 495 Pad | North Reference: | True |
| Well: | ELU A18 FED 14B-7 495 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #3 | | |

| 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) |
| 13,800.0 | 1.21 | 250.02 | 13,538.1 | 1,952.8 | 562.6 | 2,032.2 | 0.00 | 0.00 | 0.00 |
| TD @ 13825.9' MD / 13564.0' TVD | | | | | | | | | |
| 13,825.9 | 1.21 | 250.02 | 13,564.0 | 1,952.6 | 562.0 | 2,031.9 | 0.00 | 0.00 | 0.00 |

| Design Targets | | | | | | | | | |
|---|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------|-------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
| 14B-7 - OHCR - hit/miss target - plan hits target center - Shape - Point | 0.00 | 0.00 | 8,791.0 | 1,986.8 | 656.0 | 14,435,286.99 | 2,455,462.83 | 39.714565 | -108.101987 |
| 14B-7 - PBHL - plan hits target center - Ellipse (radii L100.0 W50.0 on 250.00 azi) | 0.00 | 0.00 | 13,564.0 | 1,952.6 | 562.0 | 14,435,249.80 | 2,455,370.00 | 39.714471 | -108.102321 |

| Formations | | | | | | |
|-----------------------|-----------------------|------------------|-----------|---------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 2,874.5 | 2,800.0 | Wasatch | | | | |
| 6,809.7 | 6,610.0 | Wasatch G | | | | |
| 7,119.6 | 6,910.0 | Fort Union | | | | |
| 9,051.8 | 8,791.0 | Ohio Creek / TOG | | | | |
| 9,650.0 | 9,389.0 | Williams Fork | | | | |
| 12,775.7 | 12,514.0 | Cameo | | | | |
| 13,325.8 | 13,064.0 | Rollins | | | | |

| Plan Annotations | | | | |
|-----------------------|-----------------------|-------------------|--------------|------------------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
| | | +N/-S (usft) | +E/-W (usft) | |
| 210.0 | 210.0 | 0.0 | 0.0 | Build 3° / 100' |
| 693.0 | 687.9 | 57.7 | 19.1 | EOB @ 14.49° Inc. / 18.27° Azm |
| 8,568.8 | 8,313.1 | 1,929.1 | 637.0 | Drop 3° / 100' |
| 9,051.8 | 8,791.0 | 1,986.8 | 656.0 | EOD @ Vertical / Build 1.5° / 100' |
| 9,132.5 | 8,871.7 | 1,986.5 | 655.2 | EOB @ 1.21° Inc. / 250.02° Azm |
| 13,825.9 | 13,564.0 | 1,952.6 | 562.0 | TD @ 13825.9' MD / 13564.0' TVD |