

Project: Garfield County, CO
 Site: NPM G35 496 Pad
 Well: BJU G35 FED 25B-35 496
 Wellbore: Wellbore #1
 Design: Design #1
 Latitude: 39.660319
 Longitude: -108.133926
 Ground Level: 8164.0
 RKB @ 8194.0usft (H&P#329)

| FORMATION TOP DETAILS | | | |
|-----------------------|---------|---------------|---|
| TVDPath | MDPath | Formation | |
| 2523.0 | 2662.1 | Wasatch | G |
| 5523.0 | 5903.2 | Fort Union | |
| 5833.0 | 6238.1 | Ohio Creek | |
| 7884.0 | 8414.4 | TOG | |
| 8122.0 | 8652.4 | Williams Fork | |
| 10640.0 | 11371.4 | Cameo | |
| 11421.0 | 11952.6 | Rollins | |

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well BJU G35 FED 25B-35 496 - Slot BJU G35 FED 25B-35 496, True North
 Vertical (TVD) Reference: RKB @ 8194.0usft (H&P#329)
 Section (VS) Reference: Slot - BJU G35 FED 25B-35 496(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 8194.0usft (H&P#329)
 Calculation Method: Minimum Curvature

WELL DETAILS: BJU G35 FED 25B-35 496

| +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
|-------|-------|-------------|----------------------|-----------|-----------------------|
| 0.0 | 0.0 | 14415241.80 | 8164.0 2447110.30 | 39.660319 | BJU-108.133926-35 496 |

PROJECT DETAILS: Garfield County, CO

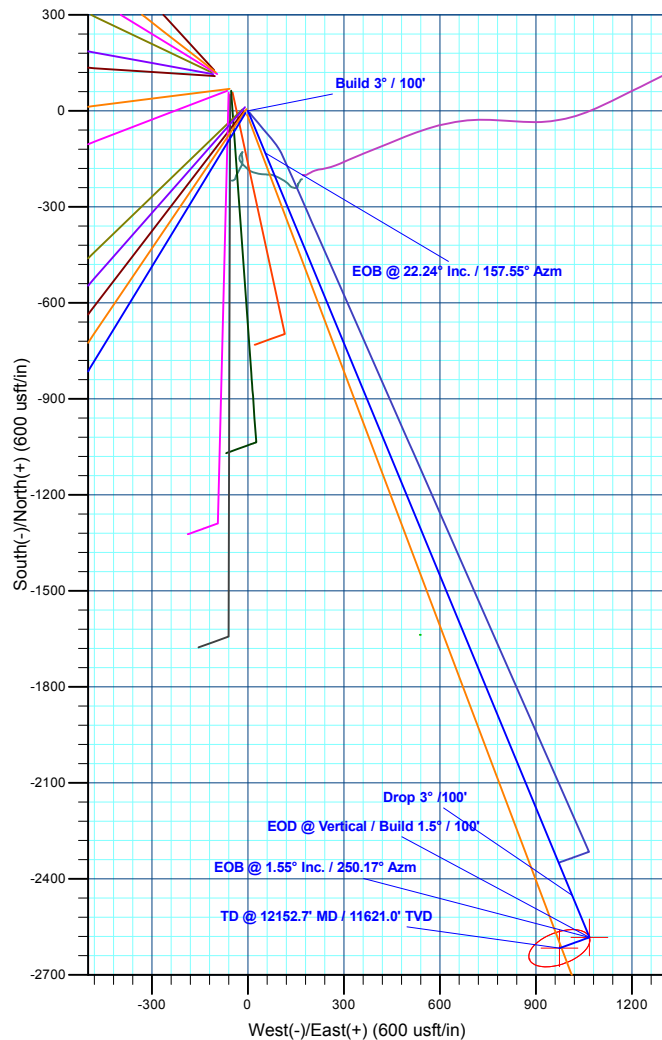
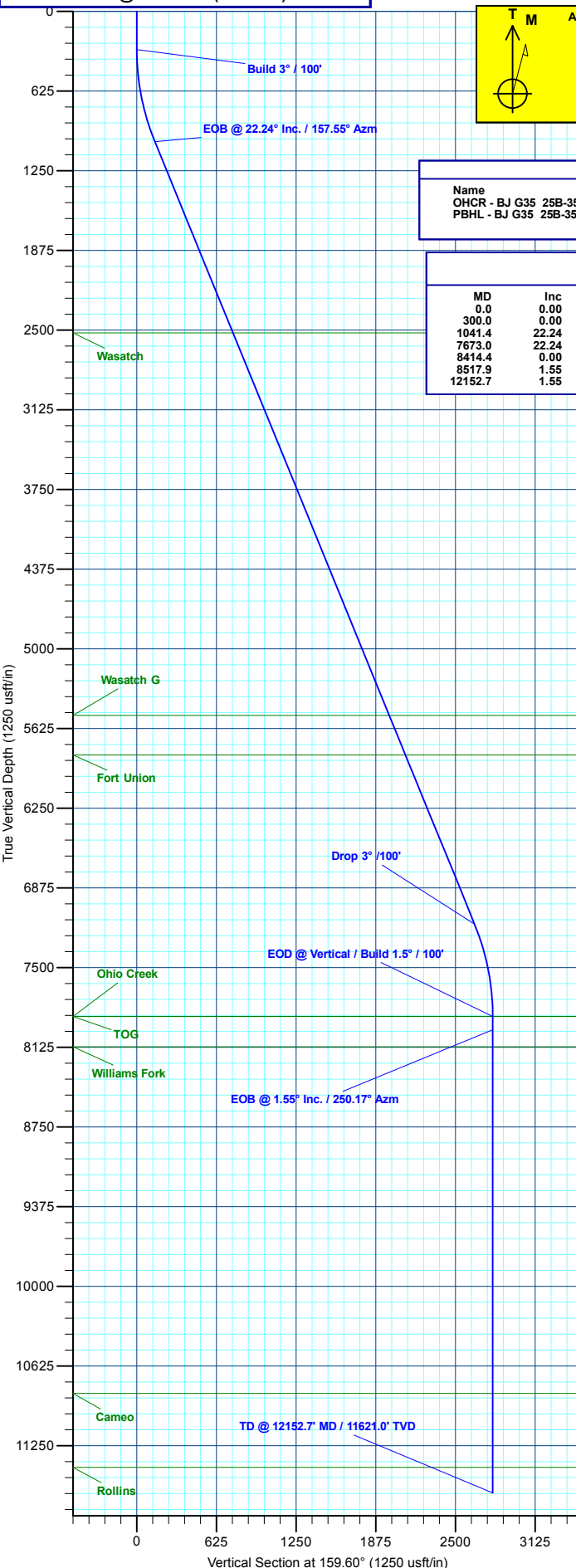
Geodetic System: Universal Transverse Mercator (US Survey Feet)
 Datum: NAD 1927 - Western US
 Ellipsoid: Clarke 1866
 Zone: Zone 12N (114 W to 108 W)
 System Datum: Mean Sea Level

DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
|--------------------------|---------|---------|--------|-------------|------------|-----------|-------------|
| OHCR - BJ G35 25B-35 496 | 7884.0 | -2582.5 | 1067.1 | 14412694.68 | 2448259.35 | 39.653231 | -108.130138 |
| PBHL - BJ G35 25B-35 496 | 11621.0 | -2616.4 | 973.1 | 14412657.80 | 2448166.50 | 39.653138 | -108.130472 |

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 | |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | Build 3° / 100' |
| 1041.4 | 22.24 | 157.55 | 1022.9 | -131.3 | 54.3 | 3.00 | 157.55 | 142.0 | EOB @ 22.24° Inc. / 157.55° Azm |
| 7673.0 | 22.24 | 157.55 | 7161.1 | -2451.2 | 1012.8 | 0.00 | 0.00 | 2650.5 | Drop 3° / 100' |
| 8414.4 | 0.00 | 0.00 | 7884.0 | -2582.5 | 1067.1 | 3.00 | 180.00 | 2792.5 | EOD @ Vertical / Build 1.5° / 100' |
| 8517.9 | 1.55 | 250.17 | 7987.5 | -2583.0 | 1065.8 | 1.50 | 250.17 | 2792.5 | EOB @ 1.55° Inc. / 250.17° Azm |
| 12152.7 | 1.55 | 250.17 | 11621.0 | -2616.4 | 973.1 | 0.00 | 0.00 | 2791.5 | TD @ 12152.7' MD / 11621.0' TVD |



Plan: Design #1 (BJU G35 FED 25B-35 496/Wellbore #1)

Created By: Will Jircik

Date: 16:27, December 18 2019



Caerus Oil & Gas

Garfield County, CO

NPM G35 496 Pad

BJU G35 FED 25B-35 496 - Slot BJU G35 FED 25B-35 496

Wellbore #1

Plan: Design #1

QES Well Planning Report

18 December, 2019



| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well BJU G35 FED 25B-35 496 - Slot BJU G35 FED 25B-35 496 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8194.0usft (H&P#329) |
| Project: | Garfield County, CO | MD Reference: | RKB @ 8194.0usft (H&P#329) |
| Site: | NPM G35 496 Pad | North Reference: | True |
| Well: | BJU G35 FED 25B-35 496 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

| | | | |
|-------------|--|---------------|----------------|
| Project | Garfield 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 | | NPM G35 496 Pad | | | |
| Site Position: | | Northing: | 14,415,354.00 usft | Latitude: | 39.660635 |
| From: | Map | Easting: | 2,447,010.80 usft | Longitude: | -108.134267 |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | 1.83 ° |

| | | | | | | |
|----------------------|--|-------------|---------------------|--------------------|---------------|--------------|
| Well | BJU G35 FED 25B-35 496 - Slot BJU G35 FED 25B-35 496 | | | | | |
| Well Position | +N/-S | -115.3 usft | Northing: | 14,415,241.80 usft | Latitude: | 39.660319 |
| | +E/-W | 95.9 usft | Easting: | 2,447,110.30 usft | Longitude: | -108.133927 |
| Position Uncertainty | | 0.0 usft | Wellhead Elevation: | | Ground Level: | 8,164.0 usft |

| | | | | | |
|-----------|-------------|-------------|-----------------|---------------|---------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM_FILE | 12/11/2019 | 9.48 | 65.83 | 51,251.00000000 |

| | | | | |
|-------------------|----------------------------|-----------------|-----------------|------------------|
| Design | Design #1 | | | |
| 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 | 159.60 |

| 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 | |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,041.4 | 22.24 | 157.55 | 1,022.9 | -131.3 | 54.3 | 3.00 | 3.00 | 0.00 | 157.55 | |
| 7,673.0 | 22.24 | 157.55 | 7,161.1 | -2,451.2 | 1,012.8 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 8,414.4 | 0.00 | 0.00 | 7,884.0 | -2,582.5 | 1,067.1 | 3.00 | -3.00 | 0.00 | 180.00 | OHCR - BJ G35 25 |
| 8,517.9 | 1.55 | 250.17 | 7,987.5 | -2,583.0 | 1,065.8 | 1.50 | 1.50 | -106.09 | 250.17 | |
| 12,152.7 | 1.55 | 250.17 | 11,621.0 | -2,616.4 | 973.1 | 0.00 | 0.00 | 0.00 | 0.00 | PBHL - BJ G35 25I |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well BJU G35 FED 25B-35 496 - Slot BJU G35 FED 25B-35 496 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8194.0usft (H&P#329) |
| Project: | Garfield County, CO | MD Reference: | RKB @ 8194.0usft (H&P#329) |
| Site: | NPM G35 496 Pad | North Reference: | True |
| Well: | BJU G35 FED 25B-35 496 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #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 (°/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' | | | | | | | | | |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 400.0 | 3.00 | 157.55 | 400.0 | -2.4 | 1.0 | 2.6 | 3.00 | 3.00 | 0.00 |
| 500.0 | 6.00 | 157.55 | 499.6 | -9.7 | 4.0 | 10.5 | 3.00 | 3.00 | 0.00 |
| 600.0 | 9.00 | 157.55 | 598.8 | -21.7 | 9.0 | 23.5 | 3.00 | 3.00 | 0.00 |
| 700.0 | 12.00 | 157.55 | 697.1 | -38.6 | 15.9 | 41.7 | 3.00 | 3.00 | 0.00 |
| 800.0 | 15.00 | 157.55 | 794.3 | -60.1 | 24.9 | 65.0 | 3.00 | 3.00 | 0.00 |
| 900.0 | 18.00 | 157.55 | 890.2 | -86.4 | 35.7 | 93.4 | 3.00 | 3.00 | 0.00 |
| 1,000.0 | 21.00 | 157.55 | 984.4 | -117.2 | 48.4 | 126.8 | 3.00 | 3.00 | 0.00 |
| EOB @ 22.24° Inc. / 157.55° Azm | | | | | | | | | |
| 1,041.4 | 22.24 | 157.55 | 1,022.9 | -131.3 | 54.3 | 142.0 | 3.00 | 3.00 | 0.00 |
| 1,100.0 | 22.24 | 157.55 | 1,077.2 | -151.8 | 62.7 | 164.2 | 0.00 | 0.00 | 0.00 |
| 1,200.0 | 22.24 | 157.55 | 1,169.7 | -186.8 | 77.2 | 202.0 | 0.00 | 0.00 | 0.00 |
| 1,300.0 | 22.24 | 157.55 | 1,262.3 | -221.8 | 91.6 | 239.8 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 22.24 | 157.55 | 1,354.8 | -256.8 | 106.1 | 277.7 | 0.00 | 0.00 | 0.00 |
| 1,500.0 | 22.24 | 157.55 | 1,447.4 | -291.8 | 120.6 | 315.5 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 22.24 | 157.55 | 1,540.0 | -326.7 | 135.0 | 353.3 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 22.24 | 157.55 | 1,632.5 | -361.7 | 149.5 | 391.1 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 22.24 | 157.55 | 1,725.1 | -396.7 | 163.9 | 429.0 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 22.24 | 157.55 | 1,817.6 | -431.7 | 178.4 | 466.8 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 22.24 | 157.55 | 1,910.2 | -466.7 | 192.8 | 504.6 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 22.24 | 157.55 | 2,002.8 | -501.7 | 207.3 | 542.4 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 22.24 | 157.55 | 2,095.3 | -536.6 | 221.7 | 580.3 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 22.24 | 157.55 | 2,187.9 | -571.6 | 236.2 | 618.1 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 22.24 | 157.55 | 2,280.4 | -606.6 | 250.7 | 655.9 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 22.24 | 157.55 | 2,373.0 | -641.6 | 265.1 | 693.8 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 22.24 | 157.55 | 2,465.6 | -676.6 | 279.6 | 731.6 | 0.00 | 0.00 | 0.00 |
| Wasatch | | | | | | | | | |
| 2,662.1 | 22.24 | 157.55 | 2,523.0 | -698.3 | 288.5 | 755.1 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 22.24 | 157.55 | 2,558.1 | -711.5 | 294.0 | 769.4 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 22.24 | 157.55 | 2,650.7 | -746.5 | 308.5 | 807.2 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 22.24 | 157.55 | 2,743.2 | -781.5 | 322.9 | 845.1 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 22.24 | 157.55 | 2,835.8 | -816.5 | 337.4 | 882.9 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 22.24 | 157.55 | 2,928.4 | -851.5 | 351.8 | 920.7 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 22.24 | 157.55 | 3,020.9 | -886.5 | 366.3 | 958.5 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 22.24 | 157.55 | 3,113.5 | -921.4 | 380.7 | 996.4 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 22.24 | 157.55 | 3,206.0 | -956.4 | 395.2 | 1,034.2 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 22.24 | 157.55 | 3,298.6 | -991.4 | 409.7 | 1,072.0 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 22.24 | 157.55 | 3,391.2 | -1,026.4 | 424.1 | 1,109.8 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 22.24 | 157.55 | 3,483.7 | -1,061.4 | 438.6 | 1,147.7 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 22.24 | 157.55 | 3,576.3 | -1,096.3 | 453.0 | 1,185.5 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 22.24 | 157.55 | 3,668.8 | -1,131.3 | 467.5 | 1,223.3 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 22.24 | 157.55 | 3,761.4 | -1,166.3 | 481.9 | 1,261.2 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 22.24 | 157.55 | 3,854.0 | -1,201.3 | 496.4 | 1,299.0 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 22.24 | 157.55 | 3,946.5 | -1,236.3 | 510.8 | 1,336.8 | 0.00 | 0.00 | 0.00 |
| 4,300.0 | 22.24 | 157.55 | 4,039.1 | -1,271.3 | 525.3 | 1,374.6 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 22.24 | 157.55 | 4,131.6 | -1,306.2 | 539.7 | 1,412.5 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 22.24 | 157.55 | 4,224.2 | -1,341.2 | 554.2 | 1,450.3 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 22.24 | 157.55 | 4,316.8 | -1,376.2 | 568.7 | 1,488.1 | 0.00 | 0.00 | 0.00 |
| 4,700.0 | 22.24 | 157.55 | 4,409.3 | -1,411.2 | 583.1 | 1,525.9 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well BJU G35 FED 25B-35 496 - Slot BJU G35 FED 25B-35 496 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8194.0usft (H&P#329) |
| Project: | Garfield County, CO | MD Reference: | RKB @ 8194.0usft (H&P#329) |
| Site: | NPM G35 496 Pad | North Reference: | True |
| Well: | BJU G35 FED 25B-35 496 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #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 (°/100usft) | Turn Rate (°/100usft) |
| 4,800.0 | 22.24 | 157.55 | 4,501.9 | -1,446.2 | 597.6 | 1,563.8 | 0.00 | 0.00 | 0.00 |
| 4,900.0 | 22.24 | 157.55 | 4,594.4 | -1,481.1 | 612.0 | 1,601.6 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 22.24 | 157.55 | 4,687.0 | -1,516.1 | 626.5 | 1,639.4 | 0.00 | 0.00 | 0.00 |
| 5,100.0 | 22.24 | 157.55 | 4,779.6 | -1,551.1 | 640.9 | 1,677.2 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 22.24 | 157.55 | 4,872.1 | -1,586.1 | 655.4 | 1,715.1 | 0.00 | 0.00 | 0.00 |
| 5,300.0 | 22.24 | 157.55 | 4,964.7 | -1,621.1 | 669.8 | 1,752.9 | 0.00 | 0.00 | 0.00 |
| 5,400.0 | 22.24 | 157.55 | 5,057.2 | -1,656.1 | 684.3 | 1,790.7 | 0.00 | 0.00 | 0.00 |
| 5,500.0 | 22.24 | 157.55 | 5,149.8 | -1,691.0 | 698.7 | 1,828.5 | 0.00 | 0.00 | 0.00 |
| 5,600.0 | 22.24 | 157.55 | 5,242.4 | -1,726.0 | 713.2 | 1,866.4 | 0.00 | 0.00 | 0.00 |
| 5,700.0 | 22.24 | 157.55 | 5,334.9 | -1,761.0 | 727.7 | 1,904.2 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 22.24 | 157.55 | 5,427.5 | -1,796.0 | 742.1 | 1,942.0 | 0.00 | 0.00 | 0.00 |
| 5,900.0 | 22.24 | 157.55 | 5,520.0 | -1,831.0 | 756.6 | 1,979.9 | 0.00 | 0.00 | 0.00 |
| Wasatch G | | | | | | | | | |
| 5,903.2 | 22.24 | 157.55 | 5,523.0 | -1,832.1 | 757.0 | 1,981.1 | 0.00 | 0.00 | 0.00 |
| 6,000.0 | 22.24 | 157.55 | 5,612.6 | -1,865.9 | 771.0 | 2,017.7 | 0.00 | 0.00 | 0.00 |
| 6,100.0 | 22.24 | 157.55 | 5,705.2 | -1,900.9 | 785.5 | 2,055.5 | 0.00 | 0.00 | 0.00 |
| 6,200.0 | 22.24 | 157.55 | 5,797.7 | -1,935.9 | 799.9 | 2,093.3 | 0.00 | 0.00 | 0.00 |
| Fort Union | | | | | | | | | |
| 6,238.1 | 22.24 | 157.55 | 5,833.0 | -1,949.3 | 805.4 | 2,107.8 | 0.00 | 0.00 | 0.00 |
| 6,300.0 | 22.24 | 157.55 | 5,890.3 | -1,970.9 | 814.4 | 2,131.2 | 0.00 | 0.00 | 0.00 |
| 6,400.0 | 22.24 | 157.55 | 5,982.8 | -2,005.9 | 828.8 | 2,169.0 | 0.00 | 0.00 | 0.00 |
| 6,500.0 | 22.24 | 157.55 | 6,075.4 | -2,040.9 | 843.3 | 2,206.8 | 0.00 | 0.00 | 0.00 |
| 6,600.0 | 22.24 | 157.55 | 6,168.0 | -2,075.8 | 857.8 | 2,244.6 | 0.00 | 0.00 | 0.00 |
| 6,700.0 | 22.24 | 157.55 | 6,260.5 | -2,110.8 | 872.2 | 2,282.5 | 0.00 | 0.00 | 0.00 |
| 6,800.0 | 22.24 | 157.55 | 6,353.1 | -2,145.8 | 886.7 | 2,320.3 | 0.00 | 0.00 | 0.00 |
| 6,900.0 | 22.24 | 157.55 | 6,445.6 | -2,180.8 | 901.1 | 2,358.1 | 0.00 | 0.00 | 0.00 |
| 7,000.0 | 22.24 | 157.55 | 6,538.2 | -2,215.8 | 915.6 | 2,395.9 | 0.00 | 0.00 | 0.00 |
| 7,100.0 | 22.24 | 157.55 | 6,630.7 | -2,250.8 | 930.0 | 2,433.8 | 0.00 | 0.00 | 0.00 |
| 7,200.0 | 22.24 | 157.55 | 6,723.3 | -2,285.7 | 944.5 | 2,471.6 | 0.00 | 0.00 | 0.00 |
| 7,300.0 | 22.24 | 157.55 | 6,815.9 | -2,320.7 | 958.9 | 2,509.4 | 0.00 | 0.00 | 0.00 |
| 7,400.0 | 22.24 | 157.55 | 6,908.4 | -2,355.7 | 973.4 | 2,547.3 | 0.00 | 0.00 | 0.00 |
| 7,500.0 | 22.24 | 157.55 | 7,001.0 | -2,390.7 | 987.8 | 2,585.1 | 0.00 | 0.00 | 0.00 |
| 7,600.0 | 22.24 | 157.55 | 7,093.5 | -2,425.7 | 1,002.3 | 2,622.9 | 0.00 | 0.00 | 0.00 |
| Drop 3° /100' | | | | | | | | | |
| 7,673.0 | 22.24 | 157.55 | 7,161.1 | -2,451.2 | 1,012.8 | 2,650.5 | 0.00 | 0.00 | 0.00 |
| 7,700.0 | 21.43 | 157.55 | 7,186.2 | -2,460.5 | 1,016.7 | 2,660.6 | 3.00 | -3.00 | 0.00 |
| 7,800.0 | 18.43 | 157.55 | 7,280.2 | -2,492.0 | 1,029.7 | 2,694.6 | 3.00 | -3.00 | 0.00 |
| 7,900.0 | 15.43 | 157.55 | 7,375.8 | -2,518.9 | 1,040.8 | 2,723.7 | 3.00 | -3.00 | 0.00 |
| 8,000.0 | 12.43 | 157.55 | 7,472.9 | -2,541.1 | 1,050.0 | 2,747.8 | 3.00 | -3.00 | 0.00 |
| 8,100.0 | 9.43 | 157.55 | 7,571.1 | -2,558.7 | 1,057.3 | 2,766.7 | 3.00 | -3.00 | 0.00 |
| 8,200.0 | 6.43 | 157.55 | 7,670.1 | -2,571.4 | 1,062.5 | 2,780.5 | 3.00 | -3.00 | 0.00 |
| 8,300.0 | 3.43 | 157.55 | 7,769.7 | -2,579.4 | 1,065.8 | 2,789.1 | 3.00 | -3.00 | 0.00 |
| 8,400.0 | 0.43 | 157.55 | 7,869.6 | -2,582.5 | 1,067.1 | 2,792.5 | 3.00 | -3.00 | 0.00 |
| EOD @ Vertical / Build 1.5° / 100' - Ohio Creek - TOG | | | | | | | | | |
| 8,414.4 | 0.00 | 0.00 | 7,884.0 | -2,582.5 | 1,067.1 | 2,792.5 | 3.00 | -3.00 | 0.00 |
| 8,500.0 | 1.28 | 250.17 | 7,969.6 | -2,582.8 | 1,066.2 | 2,792.5 | 1.50 | 1.50 | 0.00 |
| EOB @ 1.55° Inc. / 250.17° Azm | | | | | | | | | |
| 8,517.9 | 1.55 | 250.17 | 7,987.5 | -2,583.0 | 1,065.8 | 2,792.5 | 1.50 | 1.50 | 0.00 |
| 8,600.0 | 1.55 | 250.17 | 8,069.6 | -2,583.8 | 1,063.7 | 2,792.5 | 0.00 | 0.00 | 0.00 |
| Williams Fork | | | | | | | | | |
| 8,652.4 | 1.55 | 250.17 | 8,122.0 | -2,584.2 | 1,062.4 | 2,792.5 | 0.00 | 0.00 | 0.00 |
| 8,700.0 | 1.55 | 250.17 | 8,169.6 | -2,584.7 | 1,061.2 | 2,792.5 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well BJU G35 FED 25B-35 496 - Slot BJU G35 FED 25B-35 496 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8194.0usft (H&P#329) |
| Project: | Garfield County, CO | MD Reference: | RKB @ 8194.0usft (H&P#329) |
| Site: | NPM G35 496 Pad | North Reference: | True |
| Well: | BJU G35 FED 25B-35 496 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #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 (°/100usft) | Turn Rate (°/100usft) |
| 8,800.0 | 1.55 | 250.17 | 8,269.5 | -2,585.6 | 1,058.6 | 2,792.4 | 0.00 | 0.00 | 0.00 |
| 8,900.0 | 1.55 | 250.17 | 8,369.5 | -2,586.5 | 1,056.1 | 2,792.4 | 0.00 | 0.00 | 0.00 |
| 9,000.0 | 1.55 | 250.17 | 8,469.4 | -2,587.4 | 1,053.5 | 2,792.4 | 0.00 | 0.00 | 0.00 |
| 9,100.0 | 1.55 | 250.17 | 8,569.4 | -2,588.3 | 1,051.0 | 2,792.3 | 0.00 | 0.00 | 0.00 |
| 9,200.0 | 1.55 | 250.17 | 8,669.4 | -2,589.3 | 1,048.4 | 2,792.3 | 0.00 | 0.00 | 0.00 |
| 9,300.0 | 1.55 | 250.17 | 8,769.3 | -2,590.2 | 1,045.9 | 2,792.3 | 0.00 | 0.00 | 0.00 |
| 9,400.0 | 1.55 | 250.17 | 8,869.3 | -2,591.1 | 1,043.3 | 2,792.3 | 0.00 | 0.00 | 0.00 |
| 9,500.0 | 1.55 | 250.17 | 8,969.3 | -2,592.0 | 1,040.8 | 2,792.2 | 0.00 | 0.00 | 0.00 |
| 9,600.0 | 1.55 | 250.17 | 9,069.2 | -2,592.9 | 1,038.2 | 2,792.2 | 0.00 | 0.00 | 0.00 |
| 9,700.0 | 1.55 | 250.17 | 9,169.2 | -2,593.9 | 1,035.7 | 2,792.2 | 0.00 | 0.00 | 0.00 |
| 9,800.0 | 1.55 | 250.17 | 9,269.2 | -2,594.8 | 1,033.1 | 2,792.2 | 0.00 | 0.00 | 0.00 |
| 9,900.0 | 1.55 | 250.17 | 9,369.1 | -2,595.7 | 1,030.6 | 2,792.1 | 0.00 | 0.00 | 0.00 |
| 10,000.0 | 1.55 | 250.17 | 9,469.1 | -2,596.6 | 1,028.0 | 2,792.1 | 0.00 | 0.00 | 0.00 |
| 10,100.0 | 1.55 | 250.17 | 9,569.0 | -2,597.5 | 1,025.5 | 2,792.1 | 0.00 | 0.00 | 0.00 |
| 10,200.0 | 1.55 | 250.17 | 9,669.0 | -2,598.5 | 1,022.9 | 2,792.1 | 0.00 | 0.00 | 0.00 |
| 10,300.0 | 1.55 | 250.17 | 9,769.0 | -2,599.4 | 1,020.4 | 2,792.0 | 0.00 | 0.00 | 0.00 |
| 10,400.0 | 1.55 | 250.17 | 9,868.9 | -2,600.3 | 1,017.8 | 2,792.0 | 0.00 | 0.00 | 0.00 |
| 10,500.0 | 1.55 | 250.17 | 9,968.9 | -2,601.2 | 1,015.3 | 2,792.0 | 0.00 | 0.00 | 0.00 |
| 10,600.0 | 1.55 | 250.17 | 10,068.9 | -2,602.1 | 1,012.7 | 2,791.9 | 0.00 | 0.00 | 0.00 |
| 10,700.0 | 1.55 | 250.17 | 10,168.8 | -2,603.1 | 1,010.2 | 2,791.9 | 0.00 | 0.00 | 0.00 |
| 10,800.0 | 1.55 | 250.17 | 10,268.8 | -2,604.0 | 1,007.6 | 2,791.9 | 0.00 | 0.00 | 0.00 |
| 10,900.0 | 1.55 | 250.17 | 10,368.8 | -2,604.9 | 1,005.1 | 2,791.9 | 0.00 | 0.00 | 0.00 |
| 11,000.0 | 1.55 | 250.17 | 10,468.7 | -2,605.8 | 1,002.5 | 2,791.8 | 0.00 | 0.00 | 0.00 |
| 11,100.0 | 1.55 | 250.17 | 10,568.7 | -2,606.7 | 1,000.0 | 2,791.8 | 0.00 | 0.00 | 0.00 |
| 11,200.0 | 1.55 | 250.17 | 10,668.6 | -2,607.7 | 997.4 | 2,791.8 | 0.00 | 0.00 | 0.00 |
| 11,300.0 | 1.55 | 250.17 | 10,768.6 | -2,608.6 | 994.9 | 2,791.8 | 0.00 | 0.00 | 0.00 |
| Cameo | | | | | | | | | |
| 11,371.4 | 1.55 | 250.17 | 10,840.0 | -2,609.2 | 993.0 | 2,791.7 | 0.00 | 0.00 | 0.00 |
| 11,400.0 | 1.55 | 250.17 | 10,868.6 | -2,609.5 | 992.3 | 2,791.7 | 0.00 | 0.00 | 0.00 |
| 11,500.0 | 1.55 | 250.17 | 10,968.5 | -2,610.4 | 989.8 | 2,791.7 | 0.00 | 0.00 | 0.00 |
| 11,600.0 | 1.55 | 250.17 | 11,068.5 | -2,611.3 | 987.2 | 2,791.7 | 0.00 | 0.00 | 0.00 |
| 11,700.0 | 1.55 | 250.17 | 11,168.5 | -2,612.3 | 984.7 | 2,791.6 | 0.00 | 0.00 | 0.00 |
| 11,800.0 | 1.55 | 250.17 | 11,268.4 | -2,613.2 | 982.1 | 2,791.6 | 0.00 | 0.00 | 0.00 |
| 11,900.0 | 1.55 | 250.17 | 11,368.4 | -2,614.1 | 979.6 | 2,791.6 | 0.00 | 0.00 | 0.00 |
| Rollins | | | | | | | | | |
| 11,952.6 | 1.55 | 250.17 | 11,421.0 | -2,614.6 | 978.2 | 2,791.6 | 0.00 | 0.00 | 0.00 |
| 12,000.0 | 1.55 | 250.17 | 11,468.3 | -2,615.0 | 977.0 | 2,791.6 | 0.00 | 0.00 | 0.00 |
| 12,100.0 | 1.55 | 250.17 | 11,568.3 | -2,615.9 | 974.5 | 2,791.5 | 0.00 | 0.00 | 0.00 |
| TD @ 12152.7' MD / 11621.0' TVD | | | | | | | | | |
| 12,152.7 | 1.55 | 250.17 | 11,621.0 | -2,616.4 | 973.1 | 2,791.5 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well BJU G35 FED 25B-35 496 - Slot BJU G35 FED 25B-35 496 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8194.0usft (H&P#329) |
| Project: | Garfield County, CO | MD Reference: | RKB @ 8194.0usft (H&P#329) |
| Site: | NPM G35 496 Pad | North Reference: | True |
| Well: | BJU G35 FED 25B-35 496 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

Design Targets

Target Name

| - hit/miss target - Shape | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
|---|------------------|-----------------|---------------|-----------------|-----------------|--------------------|-------------------|-----------|-------------|
| OHCR - BJ G35 25B- - plan hits target center - Point | 0.00 | 0.00 | 7,884.0 | -2,582.5 | 1,067.1 | 14,412,694.68 | 2,448,259.35 | 39.653232 | -108.130138 |
| PBHL - BJ G35 25B- - plan hits target center - Ellipse (radii L100.0 W50.0 on 250.00 azi) | 0.00 | 0.00 | 11,621.0 | -2,616.4 | 973.1 | 14,412,657.80 | 2,448,166.50 | 39.653139 | -108.130472 |

Formations

| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|-----------------------------|-----------------------------|---------------|-----------|------------|-------------------------|
| 2,662.1 | 2,523.0 | Wasatch | | | |
| 5,903.2 | 5,523.0 | Wasatch G | | | |
| 6,238.1 | 5,833.0 | Fort Union | | | |
| 8,414.4 | 7,884.0 | Ohio Creek | | | |
| 8,414.4 | 7,884.0 | TOG | | | |
| 8,652.4 | 8,122.0 | Williams Fork | | | |
| 11,371.4 | 10,840.0 | Cameo | | | |
| 11,952.6 | 11,421.0 | Rollins | | | |

Plan Annotations

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
|-----------------------------|-----------------------------|-------------------|-----------------|------------------------------------|
| | | +N/-S (usft) | +E/-W (usft) | |
| 300.0 | 300.0 | 0.0 | 0.0 | Build 3° / 100' |
| 1,041.4 | 1,022.9 | -131.3 | 54.3 | EOB @ 22.24° Inc. / 157.55° Azm |
| 7,673.0 | 7,161.1 | -2,451.2 | 1,012.8 | Drop 3° / 100' |
| 8,414.4 | 7,884.0 | -2,582.5 | 1,067.1 | EOD @ Vertical / Build 1.5° / 100' |
| 8,517.9 | 7,987.5 | -2,583.0 | 1,065.8 | EOB @ 1.55° Inc. / 250.17° Azm |
| 12,152.7 | 11,621.0 | -2,616.4 | 973.1 | TD @ 12152.7' MD / 11621.0' TVD |