

Project: Garfield County, CO
 Site: NPM G35 496 Pad
 Well: BJU G35 FED 23C-35 496
 Wellbore: Wellbore #1
 Design: Design #1
 Latitude: 39.660493
 Longitude: -108.134114
 Ground Level: 8164.0
 RKB @ 8194.0usft (H&P#329)

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2541.0	2554.4	Wasatch
5541.0	5604.0	Wasatch G
5804.0	5871.3	Fort Union
7881.0	7978.8	Ohio Creek
7881.0	7978.8	TOG
8123.0	8220.9	Williams Fork
10677.0	10975.9	Cameo
11453.0	11552.1	Rollins

REFERENCE INFORMATION

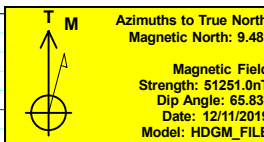
Co-ordinate (N/E) Reference: Well BJU G35 FED 23C-35 496 - Slot BJU G35 FED 23C-35 496, True North
 Vertical (TVD) Reference: RKB @ 8194.0usft (H&P#329)
 Section (VS) Reference: Slot - BJU G35 FED 23C-35 496(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 8194.0usft (H&P#329)
 Calculation Method: Minimum Curvature

WELL DETAILS: BJU G35 FED 23C-35 496

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	14415303.50	8164.0 2447055.50	39.660493	BJU G35 FED 23C-35 496 -108.134114

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

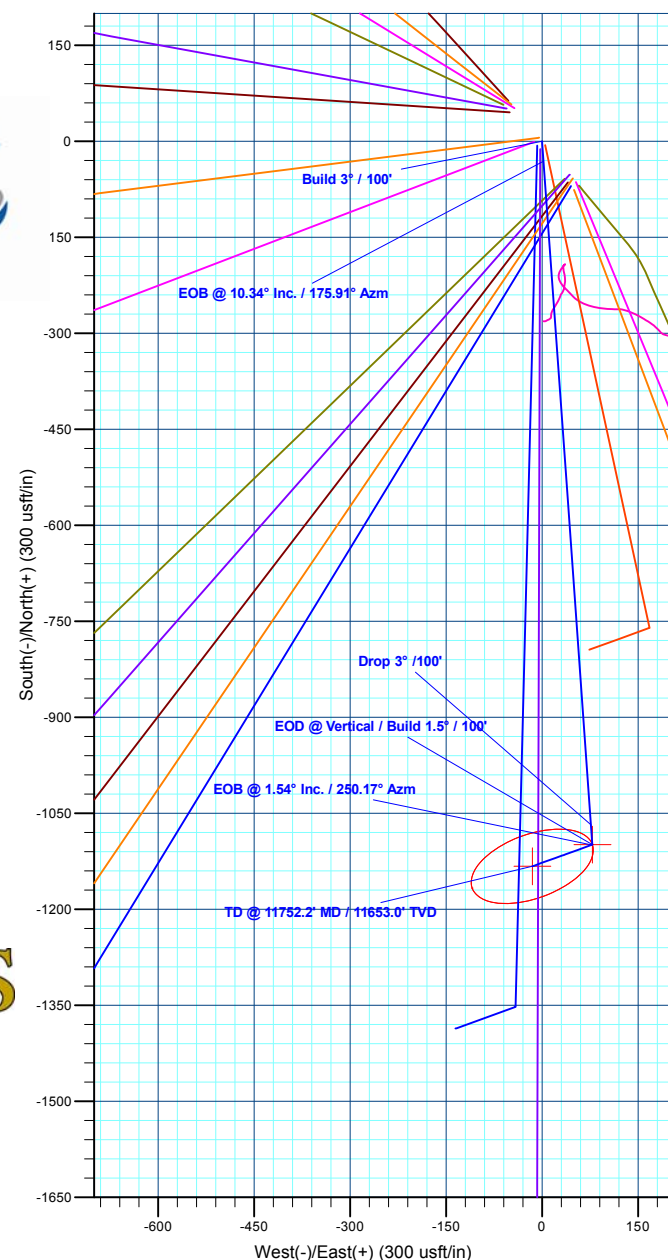


DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
OHCR - BJ G35 23C-35 496	7881.0	-1098.8	78.6	14414207.78	2447169.15	39.657477	-108.133835
PBHL - BJ G35 23C-35 496	11653.0	-1132.7	-15.4	14414170.90	2447076.30	39.657384	-108.134169

SECTION DETAILS

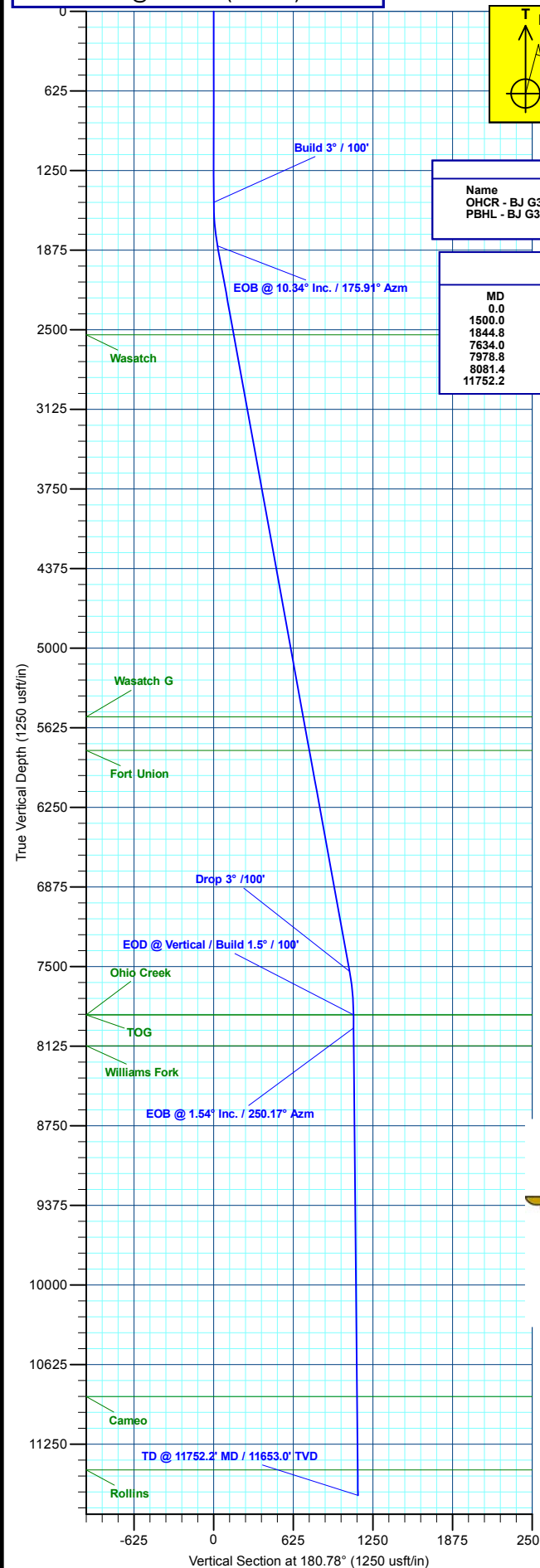
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	Build 3° / 100'
1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	EOB @ 10.34° Inc. / 175.91° Azm
1844.8	10.34	175.91	1842.9	-31.0	2.2	3.00	175.91	30.9	Drop 3° / 100'
7634.0	10.34	175.91	7538.1	-1067.8	76.4	0.00	0.00	1066.7	EOD @ Vertical / Build 1.5° / 100'
7978.8	0.00	0.00	7881.0	-1098.8	78.6	3.00	180.00	1097.6	EOB @ 10.34° Inc. / 175.91° Azm
8081.4	1.54	250.17	7983.5	-1099.3	77.3	1.50	250.17	1098.1	EOB @ 1.54° Inc. / 250.17° Azm
11752.2	1.54	250.17	11653.0	-1132.7	-15.4	0.00	0.00	1132.8	TD @ 11752.2' MD / 11653.0' TVD



Plan: Design #1 (BJU G35 FED 23C-35 496/Wellbore #1)

Created By: Will Jircik

Date: 16:43, December 18 2019





Caerus Oil & Gas

Garfield County, CO

NPM G35 496 Pad

BJU G35 FED 23C-35 496 - Slot BJU G35 FED 23C-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 23C-35 496 - Slot BJU G35 FED 23C-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 23C-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
From:	Map	Easting:	2,447,010.80 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	39.660635
		Longitude:	-108.134267
		Grid Convergence:	1.83 °

Well	BJU G35 FED 23C-35 496 - Slot BJU G35 FED 23C-35 496		
Well Position	+N/-S	-51.9 usft	Northing: 14,415,303.50 usft
	+E/-W	43.1 usft	Easting: 2,447,055.50 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	Latitude: 39.660493
			Longitude: -108.134114
			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	180.78	

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		
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00		
1,844.8	10.34	175.91	1,842.9	-31.0	2.2	3.00	3.00	0.00	175.91		
7,634.0	10.34	175.91	7,538.1	-1,067.8	76.4	0.00	0.00	0.00	0.00		
7,978.8	0.00	0.00	7,881.0	-1,098.8	78.6	3.00	-3.00	0.00	180.00	OHCR - BJ G35 23	
8,081.4	1.54	250.17	7,983.5	-1,099.3	77.3	1.50	1.50	-107.11	250.17		
11,752.2	1.54	250.17	11,653.0	-1,132.7	-15.4	0.00	0.00	0.00	0.00	PBHL - BJ G35 23	

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 23C-35 496 - Slot BJU G35 FED 23C-35 496
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Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (H&P#329)
Site:	NPM G35 496 Pad	North Reference:	True
Well:	BJU G35 FED 23C-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
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
Build 3° / 100'									
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	3.00	175.91	1,600.0	-2.6	0.2	2.6	3.00	3.00	0.00
1,700.0	6.00	175.91	1,699.6	-10.4	0.7	10.4	3.00	3.00	0.00
1,800.0	9.00	175.91	1,798.8	-23.5	1.7	23.4	3.00	3.00	0.00
EOB @ 10.34° Inc. / 175.91° Azm									
1,844.8	10.34	175.91	1,842.9	-31.0	2.2	30.9	3.00	3.00	0.00
1,900.0	10.34	175.91	1,897.2	-40.8	2.9	40.8	0.00	0.00	0.00
2,000.0	10.34	175.91	1,995.6	-58.8	4.2	58.7	0.00	0.00	0.00
2,100.0	10.34	175.91	2,094.0	-76.7	5.5	76.6	0.00	0.00	0.00
2,200.0	10.34	175.91	2,192.4	-94.6	6.8	94.5	0.00	0.00	0.00
2,300.0	10.34	175.91	2,290.7	-112.5	8.0	112.4	0.00	0.00	0.00
2,400.0	10.34	175.91	2,389.1	-130.4	9.3	130.3	0.00	0.00	0.00
2,500.0	10.34	175.91	2,487.5	-148.3	10.6	148.2	0.00	0.00	0.00
Wasatch									
2,554.4	10.34	175.91	2,541.0	-158.1	11.3	157.9	0.00	0.00	0.00
2,600.0	10.34	175.91	2,585.9	-166.2	11.9	166.0	0.00	0.00	0.00
2,700.0	10.34	175.91	2,684.2	-184.1	13.2	183.9	0.00	0.00	0.00
2,800.0	10.34	175.91	2,782.6	-202.0	14.5	201.8	0.00	0.00	0.00
2,900.0	10.34	175.91	2,881.0	-220.0	15.7	219.7	0.00	0.00	0.00
3,000.0	10.34	175.91	2,979.4	-237.9	17.0	237.6	0.00	0.00	0.00
3,100.0	10.34	175.91	3,077.7	-255.8	18.3	255.5	0.00	0.00	0.00
3,200.0	10.34	175.91	3,176.1	-273.7	19.6	273.4	0.00	0.00	0.00
3,300.0	10.34	175.91	3,274.5	-291.6	20.9	291.3	0.00	0.00	0.00
3,400.0	10.34	175.91	3,372.9	-309.5	22.1	309.2	0.00	0.00	0.00
3,500.0	10.34	175.91	3,471.2	-327.4	23.4	327.1	0.00	0.00	0.00
3,600.0	10.34	175.91	3,569.6	-345.3	24.7	345.0	0.00	0.00	0.00
3,700.0	10.34	175.91	3,668.0	-363.2	26.0	362.8	0.00	0.00	0.00
3,800.0	10.34	175.91	3,766.4	-381.1	27.3	380.7	0.00	0.00	0.00
3,900.0	10.34	175.91	3,864.7	-399.1	28.5	398.6	0.00	0.00	0.00
4,000.0	10.34	175.91	3,963.1	-417.0	29.8	416.5	0.00	0.00	0.00
4,100.0	10.34	175.91	4,061.5	-434.9	31.1	434.4	0.00	0.00	0.00
4,200.0	10.34	175.91	4,159.9	-452.8	32.4	452.3	0.00	0.00	0.00
4,300.0	10.34	175.91	4,258.2	-470.7	33.7	470.2	0.00	0.00	0.00
4,400.0	10.34	175.91	4,356.6	-488.6	35.0	488.1	0.00	0.00	0.00
4,500.0	10.34	175.91	4,455.0	-506.5	36.2	506.0	0.00	0.00	0.00
4,600.0	10.34	175.91	4,553.3	-524.4	37.5	523.9	0.00	0.00	0.00
4,700.0	10.34	175.91	4,651.7	-542.3	38.8	541.8	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 23C-35 496 - Slot BJU G35 FED 23C-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 23C-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	10.34	175.91	4,750.1	-560.2	40.1	559.7	0.00	0.00	0.00
4,900.0	10.34	175.91	4,848.5	-578.2	41.4	577.5	0.00	0.00	0.00
5,000.0	10.34	175.91	4,946.8	-596.1	42.6	595.4	0.00	0.00	0.00
5,100.0	10.34	175.91	5,045.2	-614.0	43.9	613.3	0.00	0.00	0.00
5,200.0	10.34	175.91	5,143.6	-631.9	45.2	631.2	0.00	0.00	0.00
5,300.0	10.34	175.91	5,242.0	-649.8	46.5	649.1	0.00	0.00	0.00
5,400.0	10.34	175.91	5,340.3	-667.7	47.8	667.0	0.00	0.00	0.00
5,500.0	10.34	175.91	5,438.7	-685.6	49.0	684.9	0.00	0.00	0.00
5,600.0	10.34	175.91	5,537.1	-703.5	50.3	702.8	0.00	0.00	0.00
Wasatch G									
5,604.0	10.34	175.91	5,541.0	-704.2	50.4	703.5	0.00	0.00	0.00
5,700.0	10.34	175.91	5,635.5	-721.4	51.6	720.7	0.00	0.00	0.00
5,800.0	10.34	175.91	5,733.8	-739.3	52.9	738.6	0.00	0.00	0.00
Fort Union									
5,871.3	10.34	175.91	5,804.0	-752.1	53.8	751.3	0.00	0.00	0.00
5,900.0	10.34	175.91	5,832.2	-757.3	54.2	756.5	0.00	0.00	0.00
6,000.0	10.34	175.91	5,930.6	-775.2	55.4	774.3	0.00	0.00	0.00
6,100.0	10.34	175.91	6,029.0	-793.1	56.7	792.2	0.00	0.00	0.00
6,200.0	10.34	175.91	6,127.3	-811.0	58.0	810.1	0.00	0.00	0.00
6,300.0	10.34	175.91	6,225.7	-828.9	59.3	828.0	0.00	0.00	0.00
6,400.0	10.34	175.91	6,324.1	-846.8	60.6	845.9	0.00	0.00	0.00
6,500.0	10.34	175.91	6,422.5	-864.7	61.9	863.8	0.00	0.00	0.00
6,600.0	10.34	175.91	6,520.8	-882.6	63.1	881.7	0.00	0.00	0.00
6,700.0	10.34	175.91	6,619.2	-900.5	64.4	899.6	0.00	0.00	0.00
6,800.0	10.34	175.91	6,717.6	-918.5	65.7	917.5	0.00	0.00	0.00
6,900.0	10.34	175.91	6,816.0	-936.4	67.0	935.4	0.00	0.00	0.00
7,000.0	10.34	175.91	6,914.3	-954.3	68.3	953.3	0.00	0.00	0.00
7,100.0	10.34	175.91	7,012.7	-972.2	69.5	971.1	0.00	0.00	0.00
7,200.0	10.34	175.91	7,111.1	-990.1	70.8	989.0	0.00	0.00	0.00
7,300.0	10.34	175.91	7,209.5	-1,008.0	72.1	1,006.9	0.00	0.00	0.00
7,400.0	10.34	175.91	7,307.8	-1,025.9	73.4	1,024.8	0.00	0.00	0.00
7,500.0	10.34	175.91	7,406.2	-1,043.8	74.7	1,042.7	0.00	0.00	0.00
7,600.0	10.34	175.91	7,504.6	-1,061.7	75.9	1,060.6	0.00	0.00	0.00
Drop 3° /100'									
7,634.0	10.34	175.91	7,538.1	-1,067.8	76.4	1,066.7	0.00	0.00	0.00
7,700.0	8.36	175.91	7,603.2	-1,078.5	77.1	1,077.4	3.00	-3.00	0.00
7,800.0	5.36	175.91	7,702.4	-1,090.4	78.0	1,089.3	3.00	-3.00	0.00
7,900.0	2.36	175.91	7,802.2	-1,097.2	78.5	1,096.0	3.00	-3.00	0.00
EOD @ Vertical / Build 1.5° / 100' - Ohio Creek - TOG									
7,978.8	0.00	0.00	7,881.0	-1,098.8	78.6	1,097.6	3.00	-3.00	0.00
8,000.0	0.32	250.17	7,902.2	-1,098.8	78.5	1,097.6	1.50	1.50	0.00
EOB @ 1.54° Inc. / 250.17° Azm									
8,081.4	1.54	250.17	7,983.5	-1,099.3	77.3	1,098.1	1.50	1.50	0.00
8,100.0	1.54	250.17	8,002.1	-1,099.4	76.8	1,098.3	0.00	0.00	0.00
8,200.0	1.54	250.17	8,102.1	-1,100.3	74.3	1,099.2	0.00	0.00	0.00
Williams Fork									
8,220.9	1.54	250.17	8,123.0	-1,100.5	73.8	1,099.4	0.00	0.00	0.00
8,300.0	1.54	250.17	8,202.1	-1,101.2	71.8	1,100.2	0.00	0.00	0.00
8,400.0	1.54	250.17	8,302.0	-1,102.2	69.3	1,101.1	0.00	0.00	0.00
8,500.0	1.54	250.17	8,402.0	-1,103.1	66.7	1,102.1	0.00	0.00	0.00
8,600.0	1.54	250.17	8,502.0	-1,104.0	64.2	1,103.0	0.00	0.00	0.00
8,700.0	1.54	250.17	8,601.9	-1,104.9	61.7	1,104.0	0.00	0.00	0.00

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Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (H&P#329)
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Well:	BJU G35 FED 23C-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	1.54	250.17	8,701.9	-1,105.8	59.2	1,104.9	0.00	0.00	0.00
8,900.0	1.54	250.17	8,801.9	-1,106.7	56.6	1,105.8	0.00	0.00	0.00
9,000.0	1.54	250.17	8,901.8	-1,107.6	54.1	1,106.8	0.00	0.00	0.00
9,100.0	1.54	250.17	9,001.8	-1,108.5	51.6	1,107.7	0.00	0.00	0.00
9,200.0	1.54	250.17	9,101.8	-1,109.4	49.1	1,108.7	0.00	0.00	0.00
9,300.0	1.54	250.17	9,201.7	-1,110.4	46.5	1,109.6	0.00	0.00	0.00
9,400.0	1.54	250.17	9,301.7	-1,111.3	44.0	1,110.6	0.00	0.00	0.00
9,500.0	1.54	250.17	9,401.6	-1,112.2	41.5	1,111.5	0.00	0.00	0.00
9,600.0	1.54	250.17	9,501.6	-1,113.1	39.0	1,112.5	0.00	0.00	0.00
9,700.0	1.54	250.17	9,601.6	-1,114.0	36.4	1,113.4	0.00	0.00	0.00
9,800.0	1.54	250.17	9,701.5	-1,114.9	33.9	1,114.3	0.00	0.00	0.00
9,900.0	1.54	250.17	9,801.5	-1,115.8	31.4	1,115.3	0.00	0.00	0.00
10,000.0	1.54	250.17	9,901.5	-1,116.7	28.9	1,116.2	0.00	0.00	0.00
10,100.0	1.54	250.17	10,001.4	-1,117.6	26.3	1,117.2	0.00	0.00	0.00
10,200.0	1.54	250.17	10,101.4	-1,118.6	23.8	1,118.1	0.00	0.00	0.00
10,300.0	1.54	250.17	10,201.4	-1,119.5	21.3	1,119.1	0.00	0.00	0.00
10,400.0	1.54	250.17	10,301.3	-1,120.4	18.8	1,120.0	0.00	0.00	0.00
10,500.0	1.54	250.17	10,401.3	-1,121.3	16.2	1,121.0	0.00	0.00	0.00
10,600.0	1.54	250.17	10,501.2	-1,122.2	13.7	1,121.9	0.00	0.00	0.00
10,700.0	1.54	250.17	10,601.2	-1,123.1	11.2	1,122.8	0.00	0.00	0.00
10,800.0	1.54	250.17	10,701.2	-1,124.0	8.7	1,123.8	0.00	0.00	0.00
10,900.0	1.54	250.17	10,801.1	-1,124.9	6.1	1,124.7	0.00	0.00	0.00
Cameo									
10,975.9	1.54	250.17	10,877.0	-1,125.6	4.2	1,125.5	0.00	0.00	0.00
11,000.0	1.54	250.17	10,901.1	-1,125.8	3.6	1,125.7	0.00	0.00	0.00
11,100.0	1.54	250.17	11,001.1	-1,126.7	1.1	1,126.6	0.00	0.00	0.00
11,200.0	1.54	250.17	11,101.0	-1,127.7	-1.4	1,127.6	0.00	0.00	0.00
11,300.0	1.54	250.17	11,201.0	-1,128.6	-4.0	1,128.5	0.00	0.00	0.00
11,400.0	1.54	250.17	11,301.0	-1,129.5	-6.5	1,129.5	0.00	0.00	0.00
11,500.0	1.54	250.17	11,400.9	-1,130.4	-9.0	1,130.4	0.00	0.00	0.00
Rollins									
11,552.1	1.54	250.17	11,453.0	-1,130.9	-10.3	1,130.9	0.00	0.00	0.00
11,600.0	1.54	250.17	11,500.9	-1,131.3	-11.5	1,131.4	0.00	0.00	0.00
11,700.0	1.54	250.17	11,600.9	-1,132.2	-14.1	1,132.3	0.00	0.00	0.00
TD @ 11752.2' MD / 11653.0' TVD									
11,752.2	1.54	250.17	11,653.0	-1,132.7	-15.4	1,132.8	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
- hit/miss target									
- Shape									
OHCR - BJ G35 23C-	0.00	0.00	7,881.0	-1,098.8	78.6	14,414,207.78	2,447,169.15	39.657478	-108.133835
- plan hits target center									
- Point									
PBHL - BJ G35 23C-	0.00	0.00	11,653.0	-1,132.7	-15.4	14,414,170.90	2,447,076.30	39.657385	-108.134169
- plan hits target center									
- Ellipse (radii L100.0 W50.0 on 250.00 azi)									

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 23C-35 496 - Slot BJU G35 FED 23C-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 23C-35 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,554.4	2,541.0	Wasatch			
5,604.0	5,541.0	Wasatch G			
5,871.3	5,804.0	Fort Union			
7,978.8	7,881.0	Ohio Creek			
7,978.8	7,881.0	TOG			
8,220.9	8,123.0	Williams Fork			
10,975.9	10,877.0	Cameo			
11,552.1	11,453.0	Rollins			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,500.0	1,500.0	0.0	0.0	Build 3° / 100'
1,844.8	1,842.9	-31.0	2.2	EOB @ 10.34° Inc. / 175.91° Azm
7,634.0	7,538.1	-1,067.8	76.4	Drop 3° / 100'
7,978.8	7,881.0	-1,098.8	78.6	EOD @ Vertical / Build 1.5° / 100'
8,081.4	7,983.5	-1,099.3	77.3	EOB @ 1.54° Inc. / 250.17° Azm
11,752.2	11,653.0	-1,132.7	-15.4	TD @ 11752.2' MD / 11653.0' TVD