

Project: Garfield County, CO
 Site: NPM G35 496 Pad
 Well: BJU G35 FED 14D-35 496
 Wellbore: Wellbore #1
 Design: Design #2
 Latitude: 39.660350
 Longitude: -108.133961
 Ground Level: 8164.0
 RKB @ 8194.0usft (H&P#329)

FORMATION TOP DETAILS

TVDPATH	MDPATH	FORMATION
2460.0	2576.0	Wasatch
5460.0	5787.4	Wasatch G
5795.0	6146.0	Fort Union
7792.0	8251.0	Ohio Creek
7792.0	8251.0	TOG
8037.0	8495.1	Williams Fork
10744.0	11204.1	Cameo
11352.0	11812.3	Rollins

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well BJU G35 FED 14D-35 496 - Slot 14D-35, True North
 Vertical (TVD) Reference: RKB @ 8194.0usft (H&P#329)
 Section (VS) Reference: Slot - 14D-35(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 8194.0usft (H&P#329)
 Calculation Method: Minimum Curvature

WELL DETAILS: BJU G35 FED 14D-35 496

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	14415253.00	8164.0 2447100.30	39.660350	-108.133961 14D-35

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

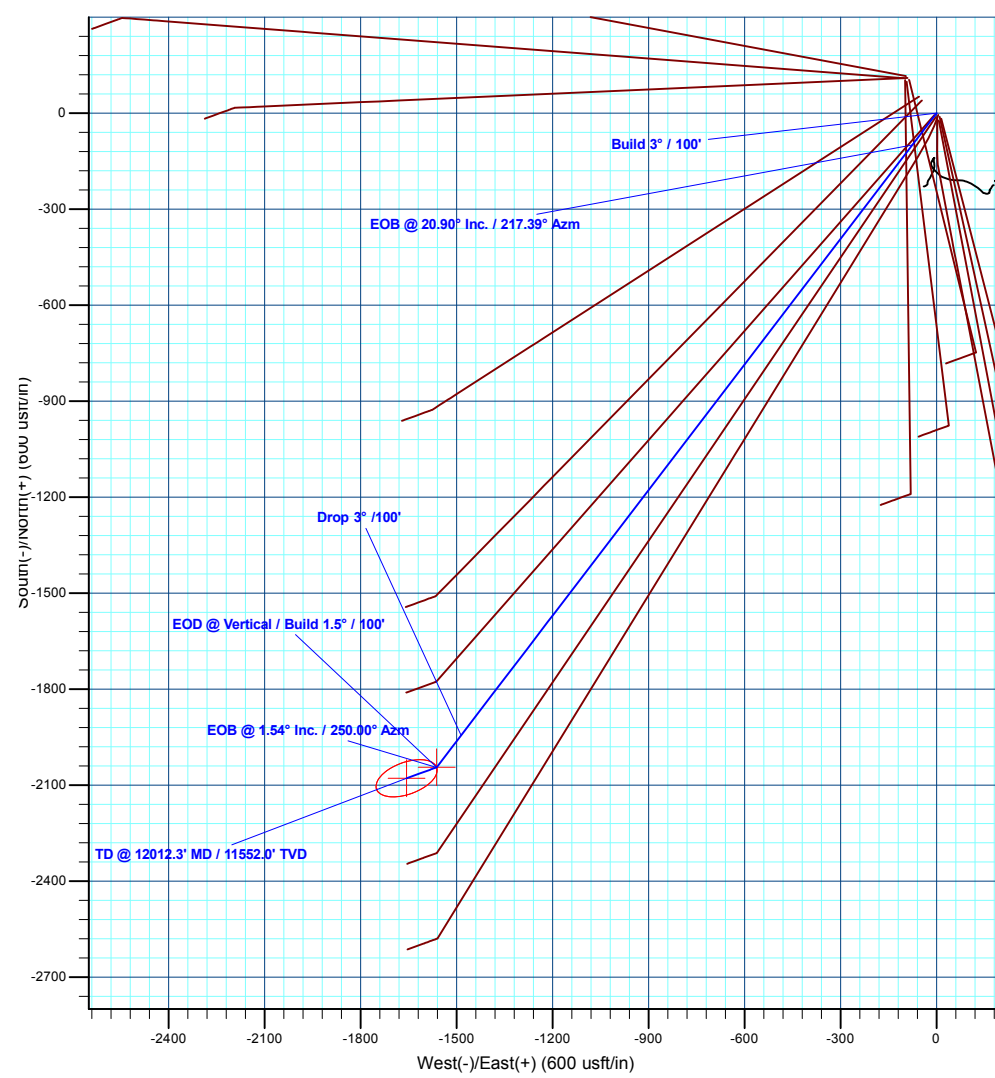
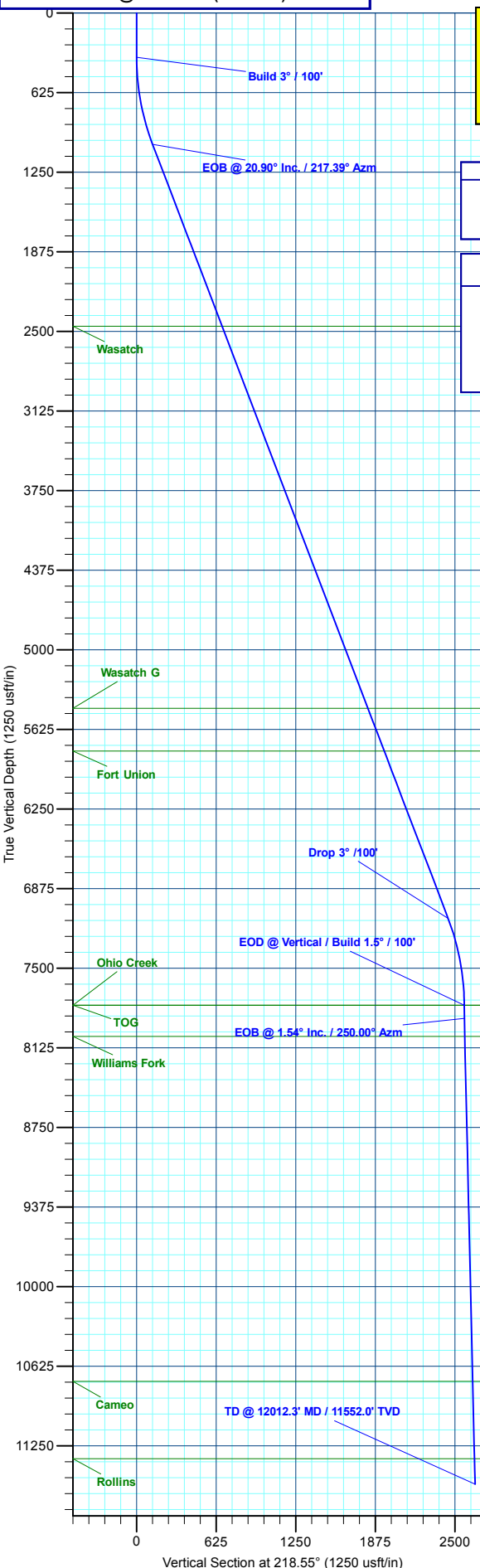
Azimuths to True North
 Magnetic North: 9.48°
 Magnetic Field Strength: 51253.0nT
 Dip Angle: 65.85°
 Date: 12/11/2019
 Model: HDGM2020

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
14D-35 - OHCR	7792.0	-2044.4	-1562.6	14413159.69	2445603.83	39.654740	-108.139508
14D-35 - PBHL	11552.0	-2078.7	-1656.5	14413122.50	2445511.00	39.654646	-108.139842

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	
350.0	0.00	0.00	350.0	0.0	0.0	0.00	0.00	0.0	Build 3° / 100'
1046.8	20.90	217.39	1031.4	-99.9	-76.3	3.00	217.39	125.7	EOB @ 20.90° Inc. / 217.39° Azm
7554.2	20.90	217.39	7110.6	-1944.6	-1486.2	0.00	0.00	2447.0	Drop 3° / 100'
8251.0	0.00	0.00	7792.0	-2044.4	-1562.6	3.00	180.00	2572.7	EOD @ Vertical / Build 1.5° / 100'
8354.0	1.54	250.00	7895.0	-2044.9	-1563.9	1.50	250.00	2573.9	EOB @ 1.54° Inc. / 250.00° Azm
12012.3	1.54	250.00	11552.0	-2078.7	-1656.5	0.00	0.00	2658.0	TD @ 12012.3' MD / 11552.0' TVD



Plan: Design #2 (BJU G35 FED 14D-35 496/Wellbore #1)

Created By: Will Jircik Date: 12:50, June 07 2021



Caerus Oil & Gas

Garfield County, CO

NPM G35 496 Pad

BJU G35 FED 14D-35 496 - Slot 14D-35

Wellbore #1

Plan: Design #2

KLX Well Planning Report

07 June, 2021



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 14D-35 496 - Slot 14D-35
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 14D-35 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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:	14,415,365.20 usft	Latitude:	39.660667
From:	Map	Easting:	2,447,000.80 usft	Longitude:	-108.134301
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.83 °

Well	BJU G35 FED 14D-35 496 - Slot 14D-35					
Well Position	+N/-S	-115.3 usft	Northing:	14,415,253.00 usft	Latitude:	39.660351
	+E/-W	95.9 usft	Easting:	2,447,100.30 usft	Longitude:	-108.133961
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)
	HDGM2020	12/11/2019	9.48	65.85	51,253.00000000

Design	Design #2			
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	218.55

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	
350.0	0.00	0.00	350.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,046.8	20.90	217.39	1,031.4	-99.9	-76.3	3.00	3.00	0.00	217.39	
7,554.2	20.90	217.39	7,110.6	-1,944.6	-1,486.2	0.00	0.00	0.00	0.00	
8,251.0	0.00	0.00	7,792.0	-2,044.4	-1,562.6	3.00	-3.00	0.00	180.00	14D-35 - OHCR
8,354.0	1.54	250.00	7,895.0	-2,044.9	-1,563.9	1.50	1.50	-106.82	250.00	
12,012.3	1.54	250.00	11,552.0	-2,078.7	-1,656.5	0.00	0.00	0.00	0.00	14D-35 - PBHL

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 14D-35 496 - Slot 14D-35
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 14D-35 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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
Build 3° / 100'									
350.0	0.00	0.00	350.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	1.50	217.39	400.0	-0.5	-0.4	0.7	3.00	3.00	0.00
500.0	4.50	217.39	499.8	-4.7	-3.6	5.9	3.00	3.00	0.00
600.0	7.50	217.39	599.3	-13.0	-9.9	16.3	3.00	3.00	0.00
700.0	10.50	217.39	698.0	-25.4	-19.4	32.0	3.00	3.00	0.00
800.0	13.50	217.39	795.8	-41.9	-32.0	52.8	3.00	3.00	0.00
900.0	16.50	217.39	892.4	-62.5	-47.8	78.6	3.00	3.00	0.00
1,000.0	19.50	217.39	987.5	-87.0	-66.5	109.5	3.00	3.00	0.00
EOB @ 20.90° Inc. / 217.39° Azm									
1,046.8	20.90	217.39	1,031.4	-99.9	-76.3	125.7	3.00	3.00	0.00
1,100.0	20.90	217.39	1,081.1	-115.0	-87.9	144.7	0.00	0.00	0.00
1,200.0	20.90	217.39	1,174.6	-143.3	-109.5	180.3	0.00	0.00	0.00
1,300.0	20.90	217.39	1,268.0	-171.7	-131.2	216.0	0.00	0.00	0.00
1,400.0	20.90	217.39	1,361.4	-200.0	-152.9	251.7	0.00	0.00	0.00
1,500.0	20.90	217.39	1,454.8	-228.3	-174.5	287.3	0.00	0.00	0.00
1,600.0	20.90	217.39	1,548.2	-256.7	-196.2	323.0	0.00	0.00	0.00
1,700.0	20.90	217.39	1,641.7	-285.0	-217.9	358.7	0.00	0.00	0.00
1,800.0	20.90	217.39	1,735.1	-313.4	-239.5	394.4	0.00	0.00	0.00
1,900.0	20.90	217.39	1,828.5	-341.7	-261.2	430.0	0.00	0.00	0.00
2,000.0	20.90	217.39	1,921.9	-370.1	-282.9	465.7	0.00	0.00	0.00
2,100.0	20.90	217.39	2,015.3	-398.4	-304.5	501.4	0.00	0.00	0.00
2,200.0	20.90	217.39	2,108.7	-426.8	-326.2	537.0	0.00	0.00	0.00
2,300.0	20.90	217.39	2,202.2	-455.1	-347.9	572.7	0.00	0.00	0.00
2,400.0	20.90	217.39	2,295.6	-483.5	-369.5	608.4	0.00	0.00	0.00
2,500.0	20.90	217.39	2,389.0	-511.8	-391.2	644.1	0.00	0.00	0.00
Wasatch									
2,576.0	20.90	217.39	2,460.0	-533.4	-407.7	671.2	0.00	0.00	0.00
2,600.0	20.90	217.39	2,482.4	-540.2	-412.9	679.7	0.00	0.00	0.00
2,700.0	20.90	217.39	2,575.8	-568.5	-434.5	715.4	0.00	0.00	0.00
2,800.0	20.90	217.39	2,669.3	-596.9	-456.2	751.1	0.00	0.00	0.00
2,900.0	20.90	217.39	2,762.7	-625.2	-477.8	786.8	0.00	0.00	0.00
3,000.0	20.90	217.39	2,856.1	-653.6	-499.5	822.4	0.00	0.00	0.00
3,100.0	20.90	217.39	2,949.5	-681.9	-521.2	858.1	0.00	0.00	0.00
3,200.0	20.90	217.39	3,042.9	-710.3	-542.8	893.8	0.00	0.00	0.00
3,300.0	20.90	217.39	3,136.3	-738.6	-564.5	929.4	0.00	0.00	0.00
3,400.0	20.90	217.39	3,229.8	-767.0	-586.2	965.1	0.00	0.00	0.00
3,500.0	20.90	217.39	3,323.2	-795.3	-607.8	1,000.8	0.00	0.00	0.00
3,600.0	20.90	217.39	3,416.6	-823.6	-629.5	1,036.5	0.00	0.00	0.00
3,700.0	20.90	217.39	3,510.0	-852.0	-651.2	1,072.1	0.00	0.00	0.00
3,800.0	20.90	217.39	3,603.4	-880.3	-672.8	1,107.8	0.00	0.00	0.00
3,900.0	20.90	217.39	3,696.9	-908.7	-694.5	1,143.5	0.00	0.00	0.00
4,000.0	20.90	217.39	3,790.3	-937.0	-716.2	1,179.1	0.00	0.00	0.00
4,100.0	20.90	217.39	3,883.7	-965.4	-737.8	1,214.8	0.00	0.00	0.00
4,200.0	20.90	217.39	3,977.1	-993.7	-759.5	1,250.5	0.00	0.00	0.00
4,300.0	20.90	217.39	4,070.5	-1,022.1	-781.2	1,286.2	0.00	0.00	0.00
4,400.0	20.90	217.39	4,163.9	-1,050.4	-802.8	1,321.8	0.00	0.00	0.00
4,500.0	20.90	217.39	4,257.4	-1,078.8	-824.5	1,357.5	0.00	0.00	0.00
4,600.0	20.90	217.39	4,350.8	-1,107.1	-846.2	1,393.2	0.00	0.00	0.00

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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 14D-35 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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	20.90	217.39	4,444.2	-1,135.5	-867.8	1,428.8	0.00	0.00	0.00
4,800.0	20.90	217.39	4,537.6	-1,163.8	-889.5	1,464.5	0.00	0.00	0.00
4,900.0	20.90	217.39	4,631.0	-1,192.2	-911.2	1,500.2	0.00	0.00	0.00
5,000.0	20.90	217.39	4,724.5	-1,220.5	-932.8	1,535.9	0.00	0.00	0.00
5,100.0	20.90	217.39	4,817.9	-1,248.9	-954.5	1,571.5	0.00	0.00	0.00
5,200.0	20.90	217.39	4,911.3	-1,277.2	-976.2	1,607.2	0.00	0.00	0.00
5,300.0	20.90	217.39	5,004.7	-1,305.6	-997.8	1,642.9	0.00	0.00	0.00
5,400.0	20.90	217.39	5,098.1	-1,333.9	-1,019.5	1,678.5	0.00	0.00	0.00
5,500.0	20.90	217.39	5,191.6	-1,362.3	-1,041.2	1,714.2	0.00	0.00	0.00
5,600.0	20.90	217.39	5,285.0	-1,390.6	-1,062.8	1,749.9	0.00	0.00	0.00
5,700.0	20.90	217.39	5,378.4	-1,418.9	-1,084.5	1,785.6	0.00	0.00	0.00
Wasatch G									
5,787.4	20.90	217.39	5,460.0	-1,443.7	-1,103.4	1,816.7	0.00	0.00	0.00
5,800.0	20.90	217.39	5,471.8	-1,447.3	-1,106.2	1,821.2	0.00	0.00	0.00
5,900.0	20.90	217.39	5,565.2	-1,475.6	-1,127.8	1,856.9	0.00	0.00	0.00
6,000.0	20.90	217.39	5,658.6	-1,504.0	-1,149.5	1,892.6	0.00	0.00	0.00
6,100.0	20.90	217.39	5,752.1	-1,532.3	-1,171.2	1,928.3	0.00	0.00	0.00
Fort Union									
6,146.0	20.90	217.39	5,795.0	-1,545.4	-1,181.1	1,944.6	0.00	0.00	0.00
6,200.0	20.90	217.39	5,845.5	-1,560.7	-1,192.8	1,963.9	0.00	0.00	0.00
6,300.0	20.90	217.39	5,938.9	-1,589.0	-1,214.5	1,999.6	0.00	0.00	0.00
6,400.0	20.90	217.39	6,032.3	-1,617.4	-1,236.2	2,035.3	0.00	0.00	0.00
6,500.0	20.90	217.39	6,125.7	-1,645.7	-1,257.8	2,070.9	0.00	0.00	0.00
6,600.0	20.90	217.39	6,219.2	-1,674.1	-1,279.5	2,106.6	0.00	0.00	0.00
6,700.0	20.90	217.39	6,312.6	-1,702.4	-1,301.2	2,142.3	0.00	0.00	0.00
6,800.0	20.90	217.39	6,406.0	-1,730.8	-1,322.8	2,178.0	0.00	0.00	0.00
6,900.0	20.90	217.39	6,499.4	-1,759.1	-1,344.5	2,213.6	0.00	0.00	0.00
7,000.0	20.90	217.39	6,592.8	-1,787.5	-1,366.2	2,249.3	0.00	0.00	0.00
7,100.0	20.90	217.39	6,686.2	-1,815.8	-1,387.8	2,285.0	0.00	0.00	0.00
7,200.0	20.90	217.39	6,779.7	-1,844.2	-1,409.5	2,320.6	0.00	0.00	0.00
7,300.0	20.90	217.39	6,873.1	-1,872.5	-1,431.2	2,356.3	0.00	0.00	0.00
7,400.0	20.90	217.39	6,966.5	-1,900.9	-1,452.8	2,392.0	0.00	0.00	0.00
7,500.0	20.90	217.39	7,059.9	-1,929.2	-1,474.5	2,427.7	0.00	0.00	0.00
Drop 3° /100'									
7,554.2	20.90	217.39	7,110.6	-1,944.6	-1,486.2	2,447.0	0.00	0.00	0.00
7,600.0	19.53	217.39	7,153.5	-1,957.1	-1,495.8	2,462.8	3.00	-3.00	0.00
7,700.0	16.53	217.39	7,248.6	-1,981.7	-1,514.6	2,493.8	3.00	-3.00	0.00
7,800.0	13.53	217.39	7,345.2	-2,002.3	-1,530.4	2,519.7	3.00	-3.00	0.00
7,900.0	10.53	217.39	7,443.0	-2,018.9	-1,543.0	2,540.5	3.00	-3.00	0.00
8,000.0	7.53	217.39	7,541.7	-2,031.4	-1,552.6	2,556.2	3.00	-3.00	0.00
8,100.0	4.53	217.39	7,641.2	-2,039.7	-1,558.9	2,566.7	3.00	-3.00	0.00
8,200.0	1.53	217.39	7,741.0	-2,043.9	-1,562.2	2,572.0	3.00	-3.00	0.00
EOD @ Vertical / Build 1.5° / 100' - Ohio Creek - TOG									
8,251.0	0.00	0.00	7,792.0	-2,044.4	-1,562.6	2,572.7	3.00	-3.00	0.00
8,300.0	0.73	250.00	7,841.0	-2,044.6	-1,562.9	2,572.9	1.50	1.50	0.00
EOB @ 1.54° Inc. / 250.00° Azm									
8,354.0	1.54	250.00	7,895.0	-2,044.9	-1,563.9	2,573.9	1.50	1.50	0.00
8,400.0	1.54	250.00	7,941.0	-2,045.3	-1,565.0	2,574.9	0.00	0.00	0.00
Williams Fork									
8,496.1	1.54	250.00	8,037.0	-2,046.2	-1,567.5	2,577.1	0.00	0.00	0.00
8,500.0	1.54	250.00	8,040.9	-2,046.3	-1,567.6	2,577.2	0.00	0.00	0.00
8,600.0	1.54	250.00	8,140.9	-2,047.2	-1,570.1	2,579.5	0.00	0.00	0.00
8,700.0	1.54	250.00	8,240.9	-2,048.1	-1,572.6	2,581.8	0.00	0.00	0.00

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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 14D-35 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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	250.00	8,340.8	-2,049.0	-1,575.2	2,584.1	0.00	0.00	0.00	
8,900.0	1.54	250.00	8,440.8	-2,050.0	-1,577.7	2,586.4	0.00	0.00	0.00	
9,000.0	1.54	250.00	8,540.7	-2,050.9	-1,580.2	2,588.7	0.00	0.00	0.00	
9,100.0	1.54	250.00	8,640.7	-2,051.8	-1,582.8	2,591.0	0.00	0.00	0.00	
9,200.0	1.54	250.00	8,740.7	-2,052.7	-1,585.3	2,593.3	0.00	0.00	0.00	
9,300.0	1.54	250.00	8,840.6	-2,053.6	-1,587.8	2,595.6	0.00	0.00	0.00	
9,400.0	1.54	250.00	8,940.6	-2,054.6	-1,590.4	2,597.9	0.00	0.00	0.00	
9,500.0	1.54	250.00	9,040.6	-2,055.5	-1,592.9	2,600.2	0.00	0.00	0.00	
9,600.0	1.54	250.00	9,140.5	-2,056.4	-1,595.4	2,602.5	0.00	0.00	0.00	
9,700.0	1.54	250.00	9,240.5	-2,057.3	-1,598.0	2,604.8	0.00	0.00	0.00	
9,800.0	1.54	250.00	9,340.5	-2,058.3	-1,600.5	2,607.1	0.00	0.00	0.00	
9,900.0	1.54	250.00	9,440.4	-2,059.2	-1,603.0	2,609.4	0.00	0.00	0.00	
10,000.0	1.54	250.00	9,540.4	-2,060.1	-1,605.6	2,611.7	0.00	0.00	0.00	
10,100.0	1.54	250.00	9,640.3	-2,061.0	-1,608.1	2,614.0	0.00	0.00	0.00	
10,200.0	1.54	250.00	9,740.3	-2,061.9	-1,610.6	2,616.3	0.00	0.00	0.00	
10,300.0	1.54	250.00	9,840.3	-2,062.9	-1,613.2	2,618.6	0.00	0.00	0.00	
10,400.0	1.54	250.00	9,940.2	-2,063.8	-1,615.7	2,620.9	0.00	0.00	0.00	
10,500.0	1.54	250.00	10,040.2	-2,064.7	-1,618.2	2,623.2	0.00	0.00	0.00	
10,600.0	1.54	250.00	10,140.2	-2,065.6	-1,620.8	2,625.5	0.00	0.00	0.00	
10,700.0	1.54	250.00	10,240.1	-2,066.6	-1,623.3	2,627.8	0.00	0.00	0.00	
10,800.0	1.54	250.00	10,340.1	-2,067.5	-1,625.8	2,630.1	0.00	0.00	0.00	
10,900.0	1.54	250.00	10,440.1	-2,068.4	-1,628.4	2,632.4	0.00	0.00	0.00	
11,000.0	1.54	250.00	10,540.0	-2,069.3	-1,630.9	2,634.7	0.00	0.00	0.00	
11,100.0	1.54	250.00	10,640.0	-2,070.2	-1,633.4	2,637.0	0.00	0.00	0.00	
11,200.0	1.54	250.00	10,739.9	-2,071.2	-1,636.0	2,639.3	0.00	0.00	0.00	
Cameo										
11,204.1	1.54	250.00	10,744.0	-2,071.2	-1,636.1	2,639.4	0.00	0.00	0.00	
11,300.0	1.54	250.00	10,839.9	-2,072.1	-1,638.5	2,641.6	0.00	0.00	0.00	
11,400.0	1.54	250.00	10,939.9	-2,073.0	-1,641.0	2,643.9	0.00	0.00	0.00	
11,500.0	1.54	250.00	11,039.8	-2,073.9	-1,643.6	2,646.2	0.00	0.00	0.00	
11,600.0	1.54	250.00	11,139.8	-2,074.9	-1,646.1	2,648.5	0.00	0.00	0.00	
11,700.0	1.54	250.00	11,239.8	-2,075.8	-1,648.6	2,650.8	0.00	0.00	0.00	
11,800.0	1.54	250.00	11,339.7	-2,076.7	-1,651.2	2,653.1	0.00	0.00	0.00	
Rollins										
11,812.3	1.54	250.00	11,352.0	-2,076.8	-1,651.5	2,653.4	0.00	0.00	0.00	
11,900.0	1.54	250.00	11,439.7	-2,077.6	-1,653.7	2,655.4	0.00	0.00	0.00	
12,000.0	1.54	250.00	11,539.7	-2,078.5	-1,656.2	2,657.7	0.00	0.00	0.00	
TD @ 12012.3' MD / 11552.0' TVD										
12,012.3	1.54	250.00	11,552.0	-2,078.7	-1,656.5	2,658.0	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	
14D-35 - OHCR - hit/miss target - Shape - Point	0.00	0.00	7,792.0	-2,044.4	-1,562.6	14,413,159.69	2,445,603.83	39.654740	-108.139508	
14D-35 - PBHL - plan hits target center - Ellipse (radii L100.0 W50.0 on 250.00 azi)	0.00	0.00	11,552.0	-2,078.7	-1,656.5	14,413,122.50	2,445,511.00	39.654646	-108.139842	

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 14D-35 496 - Slot 14D-35
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 14D-35 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
2,576.0	2,460.0	Wasatch				
5,787.4	5,460.0	Wasatch G				
6,146.0	5,795.0	Fort Union				
8,251.0	7,792.0	Ohio Creek				
8,251.0	7,792.0	TOG				
8,496.1	8,037.0	Williams Fork				
11,204.1	10,744.0	Cameo				
11,812.3	11,352.0	Rollins				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
350.0	350.0	0.0	0.0	Build 3° / 100'	
1,046.8	1,031.4	-99.9	-76.3	EOB @ 20.90° Inc. / 217.39° Azm	
7,554.2	7,110.6	-1,944.6	-1,486.2	Drop 3° / 100'	
8,251.0	7,792.0	-2,044.4	-1,562.6	EOD @ Vertical / Build 1.5° / 100'	
8,354.0	7,895.0	-2,044.9	-1,563.9	EOB @ 1.54° Inc. / 250.00° Azm	
12,012.3	11,552.0	-2,078.7	-1,656.5	TD @ 12012.3' MD / 11552.0' TVD	