

Project: Garfield County, CO
 Site: NPM G35 496 Pad
 Well: BJU G35 FED 13B-35 496
 Wellbore: Wellbore #1
 Design: Design #1
 Latitude: 39.660509
 Longitude: -108.134131
 Ground Level: 8164.0
 RKB @ 8194.0usft (H&P#329)

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2520.0	2601.3	Wasatch
5520.0	5735.3	Wasatch G
5803.0	6030.9	Fort Union
7812.0	8113.0	Ohio Creek
7812.0	8113.0	TOG
8061.0	8362.0	Williams Fork
10795.0	11097.0	Cameo
11391.0	11693.2	Rollins

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well BJU G35 FED 13B-35 496 - Slot BJU G35 FED 13B-35 496, True North
 Vertical (TVD) Reference: RKB @ 8194.0usft (H&P#329)
 Section (VS) Reference: Slot - BJU G35 FED 13B-35 496(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 8194.0usft (H&P#329)
 Calculation Method: Minimum Curvature

WELL DETAILS: BJU G35 FED 13B-35 496

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	14415309.10	2447050.60	39.660509	-108.134131

PROJECT DETAILS: Garfield County, CO

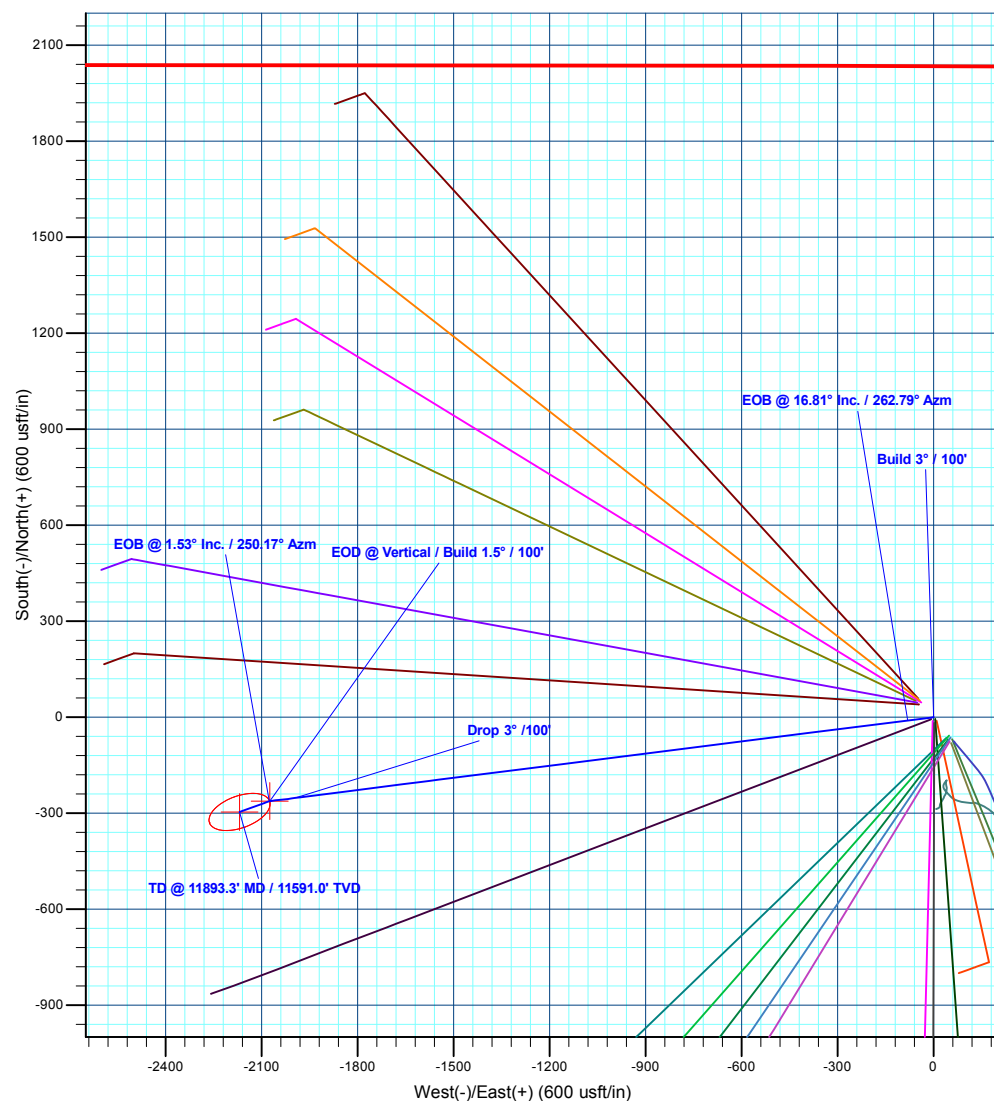
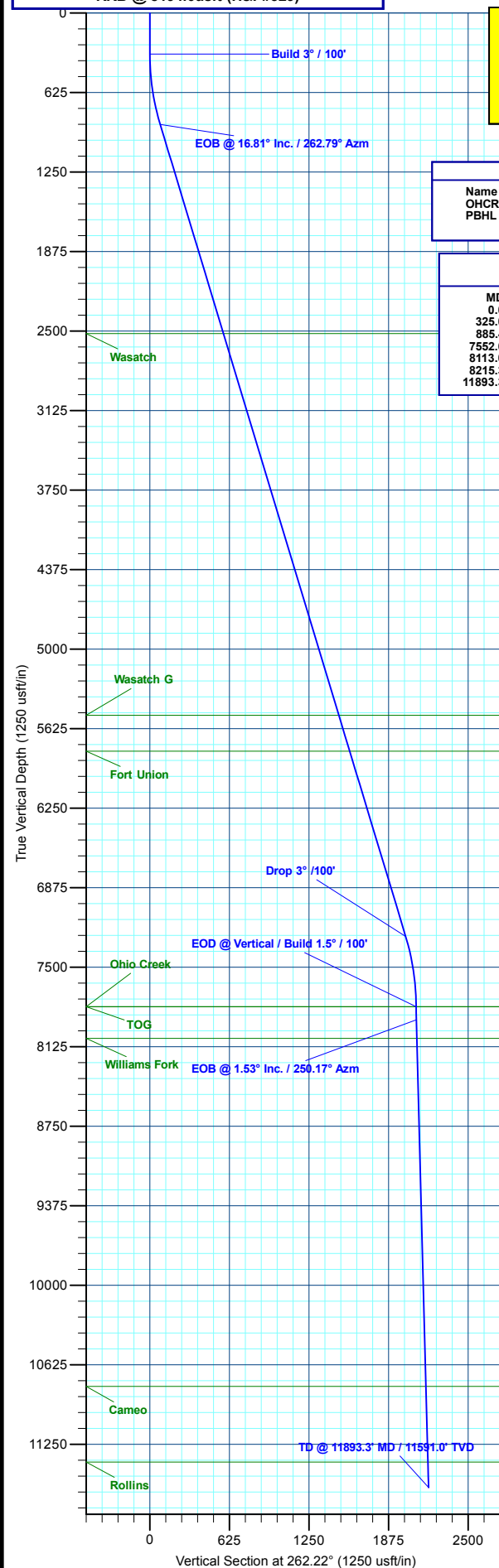
Geodetic System: Universal Transverse Mercator (US Survey Feet)
 Datum: NAD 1927 - Western US
 Ellipsoid: Clarke 1866
 Zone: Zone 12N (114 W to 108 W)
 System Datum: Mean Sea Level

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
OHCR - BJ G35 13B-35 496	7812.0	-262.4	-2075.1	14414980.58	2444984.95	39.659788	-108.141498
PBHL - BJ G35 13B-35 496	11591.0	-296.3	-2169.1	14414943.70	2444892.10	39.659695	-108.141832

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	
325.0	0.00	0.00	325.0	0.0	0.0	0.00	0.00	0.0	Build 3° / 100'
885.4	16.81	262.79	877.4	-10.2	-81.0	3.00	262.79	81.6	EOB @ 16.81° Inc. / 262.79° Azm
7552.6	16.81	262.79	7259.6	-252.1	-1994.1	0.00	0.00	2009.9	Drop 3° / 100'
8113.0	0.00	0.00	7812.0	-262.4	-2075.1	3.00	180.00	2091.5	EOD @ Vertical / Build 1.5° / 100'
8215.3	1.54	250.17	7914.3	-262.8	-2076.4	1.50	250.17	2092.8	EOB @ 1.53° Inc. / 250.17° Azm
11893.3	1.54	250.17	11591.0	-296.3	-2169.1	0.00	0.00	2189.2	TD @ 11893.3° MD / 11591.0° TVD



Created By: Will Jircik Date: 16:01, December 18 2019



Caerus Oil & Gas

Garfield County, CO

NPM G35 496 Pad

BJU G35 FED 13B-35 496 - Slot BJU G35 FED 13B-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 13B-35 496 - Slot BJU G35 FED 13B-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 13B-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 13B-35 496 - Slot BJU G35 FED 13B-35 496		
Well Position	+N/-S	-46.1 usft	Northing: 14,415,309.10 usft
	+E/-W	38.3 usft	Easting: 2,447,050.60 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	Latitude: 39.660509
			Longitude: -108.134131
			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	262.22	

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	
325.0	0.00	0.00	325.0	0.0	0.0	0.00	0.00	0.00	0.00	
885.4	16.81	262.79	877.4	-10.2	-81.0	3.00	3.00	0.00	262.79	
7,552.6	16.81	262.79	7,259.6	-252.1	-1,994.1	0.00	0.00	0.00	0.00	
8,113.0	0.00	0.00	7,812.0	-262.4	-2,075.1	3.00	-3.00	0.00	180.00	OHCR - BJ G35 13
8,215.3	1.54	250.17	7,914.3	-262.8	-2,076.4	1.50	1.50	-107.32	250.17	
11,893.3	1.54	250.17	11,591.0	-296.3	-2,169.1	0.00	0.00	0.00	0.00	PBHL - BJ G35 13I

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 13B-35 496 - Slot BJU G35 FED 13B-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 13B-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
Build 3° / 100'									
325.0	0.00	0.00	325.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	2.25	262.79	400.0	-0.2	-1.5	1.5	3.00	3.00	0.00
500.0	5.25	262.79	499.8	-1.0	-7.9	8.0	3.00	3.00	0.00
600.0	8.25	262.79	599.1	-2.5	-19.6	19.8	3.00	3.00	0.00
700.0	11.25	262.79	697.6	-4.6	-36.4	36.7	3.00	3.00	0.00
800.0	14.25	262.79	795.1	-7.4	-58.3	58.8	3.00	3.00	0.00
EOB @ 16.81° Inc. / 262.79° Azm									
885.4	16.81	262.79	877.4	-10.2	-81.0	81.6	3.00	3.00	0.00
900.0	16.81	262.79	891.4	-10.8	-85.2	85.8	0.00	0.00	0.00
1,000.0	16.81	262.79	987.1	-14.4	-113.9	114.8	0.00	0.00	0.00
1,100.0	16.81	262.79	1,082.8	-18.0	-142.6	143.7	0.00	0.00	0.00
1,200.0	16.81	262.79	1,178.5	-21.7	-171.3	172.6	0.00	0.00	0.00
1,300.0	16.81	262.79	1,274.3	-25.3	-200.0	201.5	0.00	0.00	0.00
1,400.0	16.81	262.79	1,370.0	-28.9	-228.6	230.5	0.00	0.00	0.00
1,500.0	16.81	262.79	1,465.7	-32.5	-257.3	259.4	0.00	0.00	0.00
1,600.0	16.81	262.79	1,561.5	-36.2	-286.0	288.3	0.00	0.00	0.00
1,700.0	16.81	262.79	1,657.2	-39.8	-314.7	317.2	0.00	0.00	0.00
1,800.0	16.81	262.79	1,752.9	-43.4	-343.4	346.1	0.00	0.00	0.00
1,900.0	16.81	262.79	1,848.6	-47.1	-372.1	375.1	0.00	0.00	0.00
2,000.0	16.81	262.79	1,944.4	-50.7	-400.8	404.0	0.00	0.00	0.00
2,100.0	16.81	262.79	2,040.1	-54.3	-429.5	432.9	0.00	0.00	0.00
2,200.0	16.81	262.79	2,135.8	-57.9	-458.2	461.8	0.00	0.00	0.00
2,300.0	16.81	262.79	2,231.5	-61.6	-486.9	490.8	0.00	0.00	0.00
2,400.0	16.81	262.79	2,327.3	-65.2	-515.6	519.7	0.00	0.00	0.00
2,500.0	16.81	262.79	2,423.0	-68.8	-544.3	548.6	0.00	0.00	0.00
2,600.0	16.81	262.79	2,518.7	-72.5	-573.0	577.5	0.00	0.00	0.00
Wasatch									
2,601.3	16.81	262.79	2,520.0	-72.5	-573.4	577.9	0.00	0.00	0.00
2,700.0	16.81	262.79	2,614.4	-76.1	-601.7	606.4	0.00	0.00	0.00
2,800.0	16.81	262.79	2,710.2	-79.7	-630.4	635.4	0.00	0.00	0.00
2,900.0	16.81	262.79	2,805.9	-83.3	-659.1	664.3	0.00	0.00	0.00
3,000.0	16.81	262.79	2,901.6	-87.0	-687.8	693.2	0.00	0.00	0.00
3,100.0	16.81	262.79	2,997.3	-90.6	-716.5	722.1	0.00	0.00	0.00
3,200.0	16.81	262.79	3,093.1	-94.2	-745.1	751.0	0.00	0.00	0.00
3,300.0	16.81	262.79	3,188.8	-97.8	-773.8	780.0	0.00	0.00	0.00
3,400.0	16.81	262.79	3,284.5	-101.5	-802.5	808.9	0.00	0.00	0.00
3,500.0	16.81	262.79	3,380.2	-105.1	-831.2	837.8	0.00	0.00	0.00
3,600.0	16.81	262.79	3,476.0	-108.7	-859.9	866.7	0.00	0.00	0.00
3,700.0	16.81	262.79	3,571.7	-112.4	-888.6	895.7	0.00	0.00	0.00
3,800.0	16.81	262.79	3,667.4	-116.0	-917.3	924.6	0.00	0.00	0.00
3,900.0	16.81	262.79	3,763.1	-119.6	-946.0	953.5	0.00	0.00	0.00
4,000.0	16.81	262.79	3,858.9	-123.2	-974.7	982.4	0.00	0.00	0.00
4,100.0	16.81	262.79	3,954.6	-126.9	-1,003.4	1,011.3	0.00	0.00	0.00
4,200.0	16.81	262.79	4,050.3	-130.5	-1,032.1	1,040.3	0.00	0.00	0.00
4,300.0	16.81	262.79	4,146.1	-134.1	-1,060.8	1,069.2	0.00	0.00	0.00
4,400.0	16.81	262.79	4,241.8	-137.8	-1,089.5	1,098.1	0.00	0.00	0.00
4,500.0	16.81	262.79	4,337.5	-141.4	-1,118.2	1,127.0	0.00	0.00	0.00
4,600.0	16.81	262.79	4,433.2	-145.0	-1,146.9	1,155.9	0.00	0.00	0.00

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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 13B-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)
4,700.0	16.81	262.79	4,529.0	-148.6	-1,175.6	1,184.9	0.00	0.00	0.00
4,800.0	16.81	262.79	4,624.7	-152.3	-1,204.3	1,213.8	0.00	0.00	0.00
4,900.0	16.81	262.79	4,720.4	-155.9	-1,233.0	1,242.7	0.00	0.00	0.00
5,000.0	16.81	262.79	4,816.1	-159.5	-1,261.7	1,271.6	0.00	0.00	0.00
5,100.0	16.81	262.79	4,911.9	-163.2	-1,290.3	1,300.6	0.00	0.00	0.00
5,200.0	16.81	262.79	5,007.6	-166.8	-1,319.0	1,329.5	0.00	0.00	0.00
5,300.0	16.81	262.79	5,103.3	-170.4	-1,347.7	1,358.4	0.00	0.00	0.00
5,400.0	16.81	262.79	5,199.0	-174.0	-1,376.4	1,387.3	0.00	0.00	0.00
5,500.0	16.81	262.79	5,294.8	-177.7	-1,405.1	1,416.2	0.00	0.00	0.00
5,600.0	16.81	262.79	5,390.5	-181.3	-1,433.8	1,445.2	0.00	0.00	0.00
5,700.0	16.81	262.79	5,486.2	-184.9	-1,462.5	1,474.1	0.00	0.00	0.00
Wasatch G									
5,735.3	16.81	262.79	5,520.0	-186.2	-1,472.6	1,484.3	0.00	0.00	0.00
5,800.0	16.81	262.79	5,581.9	-188.6	-1,491.2	1,503.0	0.00	0.00	0.00
5,900.0	16.81	262.79	5,677.7	-192.2	-1,519.9	1,531.9	0.00	0.00	0.00
6,000.0	16.81	262.79	5,773.4	-195.8	-1,548.6	1,560.9	0.00	0.00	0.00
Fort Union									
6,030.9	16.81	262.79	5,803.0	-196.9	-1,557.5	1,569.8	0.00	0.00	0.00
6,100.0	16.81	262.79	5,869.1	-199.4	-1,577.3	1,589.8	0.00	0.00	0.00
6,200.0	16.81	262.79	5,964.8	-203.1	-1,606.0	1,618.7	0.00	0.00	0.00
6,300.0	16.81	262.79	6,060.6	-206.7	-1,634.7	1,647.6	0.00	0.00	0.00
6,400.0	16.81	262.79	6,156.3	-210.3	-1,663.4	1,676.5	0.00	0.00	0.00
6,500.0	16.81	262.79	6,252.0	-214.0	-1,692.1	1,705.5	0.00	0.00	0.00
6,600.0	16.81	262.79	6,347.7	-217.6	-1,720.8	1,734.4	0.00	0.00	0.00
6,700.0	16.81	262.79	6,443.5	-221.2	-1,749.5	1,763.3	0.00	0.00	0.00
6,800.0	16.81	262.79	6,539.2	-224.8	-1,778.2	1,792.2	0.00	0.00	0.00
6,900.0	16.81	262.79	6,634.9	-228.5	-1,806.9	1,821.1	0.00	0.00	0.00
7,000.0	16.81	262.79	6,730.7	-232.1	-1,835.5	1,850.1	0.00	0.00	0.00
7,100.0	16.81	262.79	6,826.4	-235.7	-1,864.2	1,879.0	0.00	0.00	0.00
7,200.0	16.81	262.79	6,922.1	-239.4	-1,892.9	1,907.9	0.00	0.00	0.00
7,300.0	16.81	262.79	7,017.8	-243.0	-1,921.6	1,936.8	0.00	0.00	0.00
7,400.0	16.81	262.79	7,113.6	-246.6	-1,950.3	1,965.8	0.00	0.00	0.00
7,500.0	16.81	262.79	7,209.3	-250.2	-1,979.0	1,994.7	0.00	0.00	0.00
Drop 3° /100'									
7,552.6	16.81	262.79	7,259.6	-252.1	-1,994.1	2,009.9	0.00	0.00	0.00
7,600.0	15.39	262.79	7,305.2	-253.8	-2,007.2	2,023.0	3.00	-3.00	0.00
7,700.0	12.39	262.79	7,402.2	-256.8	-2,031.0	2,047.0	3.00	-3.00	0.00
7,800.0	9.39	262.79	7,500.4	-259.2	-2,049.7	2,065.9	3.00	-3.00	0.00
7,900.0	6.39	262.79	7,599.5	-260.9	-2,063.3	2,079.6	3.00	-3.00	0.00
8,000.0	3.39	262.79	7,699.1	-262.0	-2,071.8	2,088.2	3.00	-3.00	0.00
8,100.0	0.39	262.79	7,799.0	-262.4	-2,075.0	2,091.5	3.00	-3.00	0.00
EOD @ Vertical / Build 1.5° / 100' - Ohio Creek - TOG									
8,113.0	0.00	0.00	7,812.0	-262.4	-2,075.1	2,091.5	3.00	-3.00	0.00
8,200.0	1.31	250.17	7,899.0	-262.7	-2,076.0	2,092.5	1.50	1.50	0.00
EOB @ 1.53° Inc. / 250.17° Azm									
8,215.3	1.54	250.17	7,914.3	-262.8	-2,076.4	2,092.8	1.50	1.50	0.00
8,300.0	1.54	250.17	7,999.0	-263.6	-2,078.5	2,095.1	0.00	0.00	0.00
Williams Fork									
8,362.0	1.54	250.17	8,061.0	-264.2	-2,080.1	2,096.7	0.00	0.00	0.00
8,400.0	1.54	250.17	8,098.9	-264.5	-2,081.0	2,097.7	0.00	0.00	0.00
8,500.0	1.54	250.17	8,198.9	-265.4	-2,083.6	2,100.3	0.00	0.00	0.00
8,600.0	1.54	250.17	8,298.9	-266.3	-2,086.1	2,102.9	0.00	0.00	0.00

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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 13B-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)
8,700.0	1.54	250.17	8,398.8	-267.3	-2,088.6	2,105.5	0.00	0.00	0.00
8,800.0	1.54	250.17	8,498.8	-268.2	-2,091.1	2,108.2	0.00	0.00	0.00
8,900.0	1.54	250.17	8,598.8	-269.1	-2,093.6	2,110.8	0.00	0.00	0.00
9,000.0	1.54	250.17	8,698.7	-270.0	-2,096.2	2,113.4	0.00	0.00	0.00
9,100.0	1.54	250.17	8,798.7	-270.9	-2,098.7	2,116.0	0.00	0.00	0.00
9,200.0	1.54	250.17	8,898.7	-271.8	-2,101.2	2,118.6	0.00	0.00	0.00
9,300.0	1.54	250.17	8,998.6	-272.7	-2,103.7	2,121.3	0.00	0.00	0.00
9,400.0	1.54	250.17	9,098.6	-273.6	-2,106.2	2,123.9	0.00	0.00	0.00
9,500.0	1.54	250.17	9,198.6	-274.5	-2,108.8	2,126.5	0.00	0.00	0.00
9,600.0	1.54	250.17	9,298.5	-275.4	-2,111.3	2,129.1	0.00	0.00	0.00
9,700.0	1.54	250.17	9,398.5	-276.3	-2,113.8	2,131.7	0.00	0.00	0.00
9,800.0	1.54	250.17	9,498.4	-277.3	-2,116.3	2,134.4	0.00	0.00	0.00
9,900.0	1.54	250.17	9,598.4	-278.2	-2,118.8	2,137.0	0.00	0.00	0.00
10,000.0	1.54	250.17	9,698.4	-279.1	-2,121.4	2,139.6	0.00	0.00	0.00
10,100.0	1.54	250.17	9,798.3	-280.0	-2,123.9	2,142.2	0.00	0.00	0.00
10,200.0	1.54	250.17	9,898.3	-280.9	-2,126.4	2,144.8	0.00	0.00	0.00
10,300.0	1.54	250.17	9,998.3	-281.8	-2,128.9	2,147.5	0.00	0.00	0.00
10,400.0	1.54	250.17	10,098.2	-282.7	-2,131.4	2,150.1	0.00	0.00	0.00
10,500.0	1.54	250.17	10,198.2	-283.6	-2,134.0	2,152.7	0.00	0.00	0.00
10,600.0	1.54	250.17	10,298.2	-284.5	-2,136.5	2,155.3	0.00	0.00	0.00
10,700.0	1.54	250.17	10,398.1	-285.4	-2,139.0	2,157.9	0.00	0.00	0.00
10,800.0	1.54	250.17	10,498.1	-286.3	-2,141.5	2,160.6	0.00	0.00	0.00
10,900.0	1.54	250.17	10,598.1	-287.3	-2,144.0	2,163.2	0.00	0.00	0.00
11,000.0	1.54	250.17	10,698.0	-288.2	-2,146.6	2,165.8	0.00	0.00	0.00
Cameo									
11,097.0	1.54	250.17	10,795.0	-289.0	-2,149.0	2,168.3	0.00	0.00	0.00
11,100.0	1.54	250.17	10,798.0	-289.1	-2,149.1	2,168.4	0.00	0.00	0.00
11,200.0	1.54	250.17	10,897.9	-290.0	-2,151.6	2,171.0	0.00	0.00	0.00
11,300.0	1.54	250.17	10,997.9	-290.9	-2,154.1	2,173.7	0.00	0.00	0.00
11,400.0	1.54	250.17	11,097.9	-291.8	-2,156.6	2,176.3	0.00	0.00	0.00
11,500.0	1.54	250.17	11,197.8	-292.7	-2,159.2	2,178.9	0.00	0.00	0.00
11,600.0	1.54	250.17	11,297.8	-293.6	-2,161.7	2,181.5	0.00	0.00	0.00
Rollins									
11,693.2	1.54	250.17	11,391.0	-294.5	-2,164.0	2,184.0	0.00	0.00	0.00
11,700.0	1.54	250.17	11,397.8	-294.5	-2,164.2	2,184.1	0.00	0.00	0.00
11,800.0	1.54	250.17	11,497.7	-295.4	-2,166.7	2,186.8	0.00	0.00	0.00
TD @ 11893.3' MD / 11591.0' TVD									
11,893.3	1.54	250.17	11,591.0	-296.3	-2,169.1	2,189.2	0.00	0.00	0.00

Design Targets

Target Name	- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
OHCR - BJ G35 13B-	- plan hits target center	0.00	0.00	7,812.0	-262.4	-2,075.1	14,414,980.58	2,444,984.95	39.659788	-108.141498
PBHL - BJ G35 13B-	- plan hits target center	0.00	0.00	11,591.0	-296.3	-2,169.1	14,414,943.70	2,444,892.10	39.659695	-108.141832
	- 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 13B-35 496 - Slot BJU G35 FED 13B-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 13B-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 (°)	
2,601.3	2,520.0	Wasatch				
5,735.3	5,520.0	Wasatch G				
6,030.9	5,803.0	Fort Union				
8,113.0	7,812.0	Ohio Creek				
8,113.0	7,812.0	TOG				
8,362.0	8,061.0	Williams Fork				
11,097.0	10,795.0	Cameo				
11,693.2	11,391.0	Rollins				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
325.0	325.0	0.0	0.0	Build 3° / 100'	
885.4	877.4	-10.2	-81.0	EOB @ 16.81° Inc. / 262.79° Azm	
7,552.6	7,259.6	-252.1	-1,994.1	Drop 3° / 100'	
8,113.0	7,812.0	-262.4	-2,075.1	EOD @ Vertical / Build 1.5° / 100'	
8,215.3	7,914.3	-262.8	-2,076.4	EOB @ 1.53° Inc. / 250.17° Azm	
11,893.3	11,591.0	-296.3	-2,169.1	TD @ 11893.3' MD / 11591.0' TVD	