

Project: Garfield County, CO
 Site: BJU B26 496 Pad
 Well: BJU B26 FED 13A-26 496
 Wellbore: Wellbore #1
 Design: Design #1
 Latitude: 39.677316
 Longitude: -108.137782
 Ground Level: 8211.0
 WELL @ 8241.0usft (30')

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

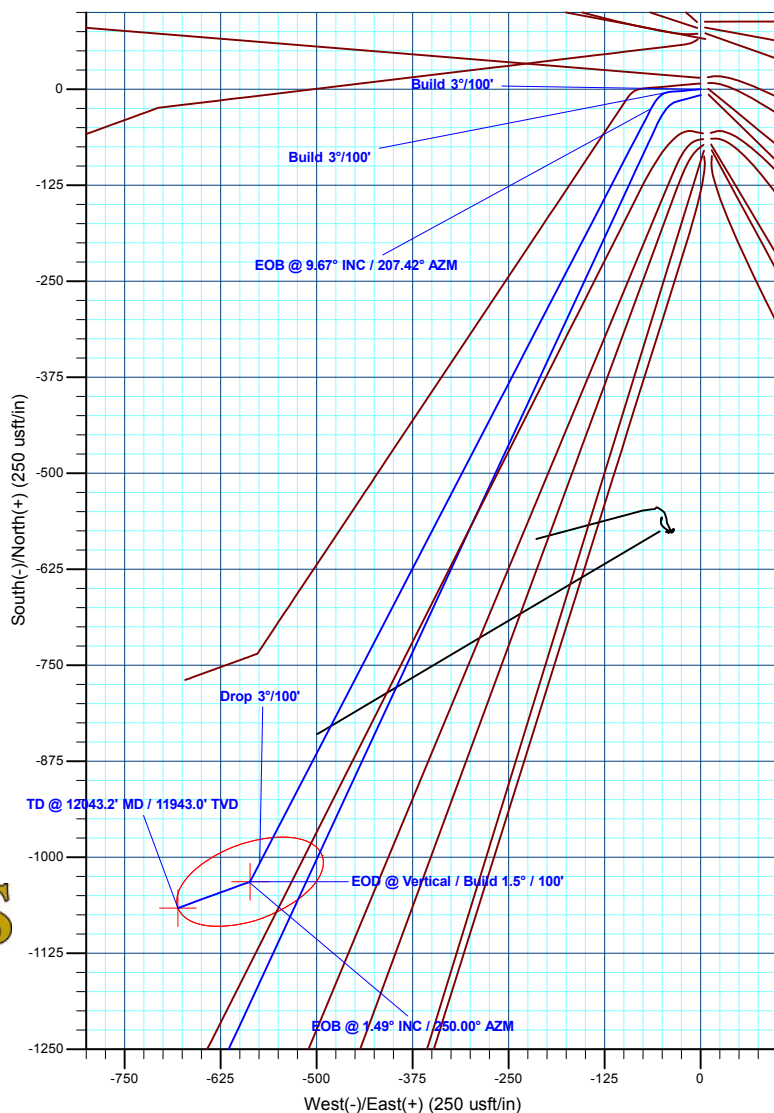
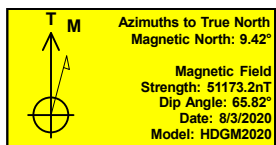
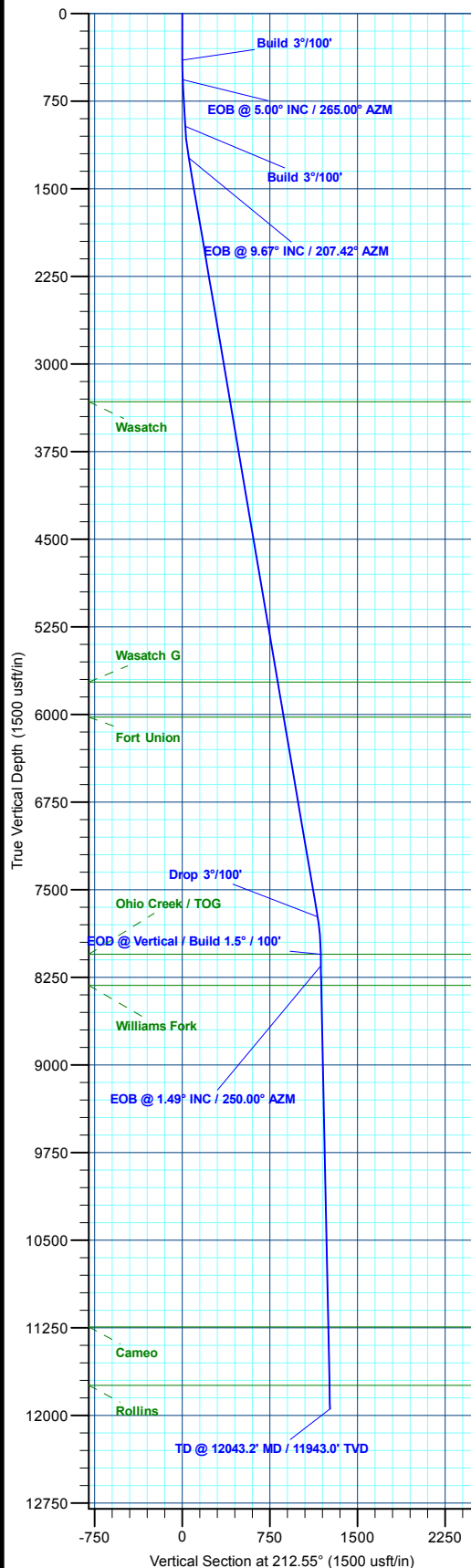
REFERENCE INFORMATION
 Vertical (TVD) Reference: WELL @ 8241.0usft (30')
 Section (VS) Reference: Slot - BJU B26 FED 13A-26 496(0.0N, 0.0E)
 Measured Depth Reference: WELL @ 8241.0usft (30')
 Calculation Method: Minimum Curvature

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
3323.0	3356.8	Wasatch
5723.0	5791.4	Wasatch G
6023.0	6095.8	Fort Union
8052.0	8150.9	Ohio Creek / TOG
8319.0	8418.0	Williams Fork
11243.0	11343.0	Cameo
11743.0	11843.1	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	
400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.0	Build 3°/100'
566.7	5.00	265.00	566.5	-0.6	-7.2	3.00	265.00	4.4	EOB @ 5.00° INC / 265.00° AZM
966.7	5.00	265.00	964.9	-3.7	-42.0	0.00	0.00	25.7	Build 3°/100'
1238.5	9.67	207.42	1234.8	-25.0	-64.3	3.00	-88.47	55.7	EOB @ 9.67° INC / 207.42° AZM
7828.5	9.67	207.42	7731.2	-1007.7	-574.1	0.00	0.00	1158.3	Drop 3°/100'
8150.9	0.00	0.00	8052.0	-1031.8	-586.6	3.00	180.00	1185.3	EOD @ Vertical / Build 1.5° / 100'
8250.3	1.49	250.00	8151.4	-1032.3	-587.8	1.50	250.00	1186.4	EOB @ 1.49° INC / 250.00° AZM
12043.2	1.49	250.00	11943.0	-1066.0	-680.6	0.00	0.00	1264.7	TD @ 12043.2' MD / 11943.0' TVD

DESIGN TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude
13A-26 - OHCR	8052.0	-1031.8	-586.6	14420347.49	2445274.13	39.674484
13A-26 - PBHL	11943.0	-1066.0	-680.6	14420310.30	2445181.30	39.674390

WELL DETAILS: BJU B26 FED 13A-26 496					
+N/-S	+E/-W	Ground Level	Northing	Easting	Latitude
0.0	0.0	8211.0	14421397.50	2445827.50	39.677316
					Longitude
					-108.137782



Plan: Design #1 (BJU B26 FED 13A-26 496/Wellbore #1)

Created By: Will Jircik Date: 12:09, August 06 2020



Caerus Oil & Gas

Garfield County, CO

BJU B26 496 Pad

BJU B26 FED 13A-26 496 - Slot BJU B26 FED 13A-26 496

Wellbore #1

Plan: Design #1

QES Well Planning Report

06 August, 2020



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU B26 FED 13A-26 496 - Slot BJU B26 FED 13A-26 496
Company:	Caerus Oil & Gas	TVD Reference:	WELL @ 8241.0usft (30')
Project:	Garfield County, CO	MD Reference:	WELL @ 8241.0usft (30')
Site:	BJU B26 496 Pad	North Reference:	True
Well:	BJU B26 FED 13A-26 496	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		BJU B26 496 Pad				
Site Position:		Northing:	14,421,469.70 usft	Latitude:	39.677515	
From:	Map	Easting:	2,445,821.30 usft	Longitude:	-108.137796	
Position Uncertainty:		0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.83 °

Well	BJU B26 FED 13A-26 496 - Slot BJU B26 FED 13A-26 496					
Well Position	+N/-S	-72.4 usft	Northing:	14,421,397.50 usft	Latitude:	39.677316
	+E/-W	3.9 usft	Easting:	2,445,827.50 usft	Longitude:	-108.137782
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	8,211.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2020	8/3/2020	9.42	65.82	51,173.20000000

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	212.55	

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	
400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.00	0.00	
566.7	5.00	265.00	566.5	-0.6	-7.2	3.00	3.00	0.00	265.00	
966.7	5.00	265.00	964.9	-3.7	-42.0	0.00	0.00	0.00	0.00	
1,238.5	9.67	207.42	1,234.8	-25.0	-64.3	3.00	1.72	-21.18	-88.47	
7,828.5	9.67	207.42	7,731.2	-1,007.7	-574.1	0.00	0.00	0.00	0.00	
8,150.9	0.00	0.00	8,052.0	-1,031.8	-586.6	3.00	-3.00	0.00	180.00	13A-26 - OHCR
8,250.3	1.49	250.00	8,151.4	-1,032.3	-587.8	1.50	1.50	-110.65	250.00	
12,043.2	1.49	250.00	11,943.0	-1,066.0	-680.6	0.00	0.00	0.00	0.00	13A-26 - PBHL

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU B26 FED 13A-26 496 - Slot BJU B26 FED 13A-26 496
Company:	Caerus Oil & Gas	TVD Reference:	WELL @ 8241.0usft (30')
Project:	Garfield County, CO	MD Reference:	WELL @ 8241.0usft (30')
Site:	BJU B26 496 Pad	North Reference:	True
Well:	BJU B26 FED 13A-26 496	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'									
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	3.00	265.00	500.0	-0.2	-2.6	1.6	3.00	3.00	0.00
EOB @ 5.00° INC / 265.00° AZM									
566.7	5.00	265.00	566.5	-0.6	-7.2	4.4	3.00	3.00	0.00
600.0	5.00	265.00	599.7	-0.9	-10.1	6.2	0.00	0.00	0.00
700.0	5.00	265.00	699.3	-1.6	-18.8	11.5	0.00	0.00	0.00
800.0	5.00	265.00	798.9	-2.4	-27.5	16.8	0.00	0.00	0.00
900.0	5.00	265.00	898.5	-3.2	-36.2	22.1	0.00	0.00	0.00
Build 3°/100'									
966.7	5.00	265.00	964.9	-3.7	-42.0	25.7	0.00	0.00	0.00
1,000.0	5.12	253.74	998.1	-4.2	-44.8	27.7	3.00	0.37	-33.79
1,100.0	6.48	226.86	1,097.6	-9.3	-53.3	36.5	3.00	1.36	-26.88
1,200.0	8.70	211.38	1,196.8	-19.6	-61.3	49.6	3.00	2.22	-15.48
EOB @ 9.67° INC / 207.42° AZM									
1,238.5	9.67	207.42	1,234.8	-25.0	-64.3	55.7	3.00	2.51	-10.29
1,300.0	9.67	207.42	1,295.4	-34.2	-69.1	66.0	0.00	0.00	0.00
1,400.0	9.67	207.42	1,394.0	-49.1	-76.8	82.7	0.00	0.00	0.00
1,500.0	9.67	207.42	1,492.6	-64.0	-84.6	99.4	0.00	0.00	0.00
1,600.0	9.67	207.42	1,591.1	-78.9	-92.3	116.2	0.00	0.00	0.00
1,700.0	9.67	207.42	1,689.7	-93.8	-100.0	132.9	0.00	0.00	0.00
1,800.0	9.67	207.42	1,788.3	-108.7	-107.8	149.6	0.00	0.00	0.00
1,900.0	9.67	207.42	1,886.9	-123.7	-115.5	166.4	0.00	0.00	0.00
2,000.0	9.67	207.42	1,985.5	-138.6	-123.2	183.1	0.00	0.00	0.00
2,100.0	9.67	207.42	2,084.0	-153.5	-131.0	199.8	0.00	0.00	0.00
2,200.0	9.67	207.42	2,182.6	-168.4	-138.7	216.6	0.00	0.00	0.00
2,300.0	9.67	207.42	2,281.2	-183.3	-146.4	233.3	0.00	0.00	0.00
2,400.0	9.67	207.42	2,379.8	-198.2	-154.2	250.0	0.00	0.00	0.00
2,500.0	9.67	207.42	2,478.3	-213.1	-161.9	266.8	0.00	0.00	0.00
2,600.0	9.67	207.42	2,576.9	-228.0	-169.6	283.5	0.00	0.00	0.00
2,700.0	9.67	207.42	2,675.5	-242.9	-177.4	300.2	0.00	0.00	0.00
2,800.0	9.67	207.42	2,774.1	-257.9	-185.1	317.0	0.00	0.00	0.00
2,900.0	9.67	207.42	2,872.7	-272.8	-192.8	333.7	0.00	0.00	0.00
3,000.0	9.67	207.42	2,971.2	-287.7	-200.6	350.4	0.00	0.00	0.00
3,100.0	9.67	207.42	3,069.8	-302.6	-208.3	367.1	0.00	0.00	0.00
3,200.0	9.67	207.42	3,168.4	-317.5	-216.1	383.9	0.00	0.00	0.00
3,300.0	9.67	207.42	3,267.0	-332.4	-223.8	400.6	0.00	0.00	0.00
Wasatch									
3,356.8	9.67	207.42	3,323.0	-340.9	-228.2	410.1	0.00	0.00	0.00
3,400.0	9.67	207.42	3,365.6	-347.3	-231.5	417.3	0.00	0.00	0.00
3,500.0	9.67	207.42	3,464.1	-362.2	-239.3	434.1	0.00	0.00	0.00
3,600.0	9.67	207.42	3,562.7	-377.2	-247.0	450.8	0.00	0.00	0.00
3,700.0	9.67	207.42	3,661.3	-392.1	-254.7	467.5	0.00	0.00	0.00
3,800.0	9.67	207.42	3,759.9	-407.0	-262.5	484.3	0.00	0.00	0.00
3,900.0	9.67	207.42	3,858.4	-421.9	-270.2	501.0	0.00	0.00	0.00
4,000.0	9.67	207.42	3,957.0	-436.8	-277.9	517.7	0.00	0.00	0.00
4,100.0	9.67	207.42	4,055.6	-451.7	-285.7	534.5	0.00	0.00	0.00
4,200.0	9.67	207.42	4,154.2	-466.6	-293.4	551.2	0.00	0.00	0.00

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Project:	Garfield County, CO	MD Reference:	WELL @ 8241.0usft (30')
Site:	BJU B26 496 Pad	North Reference:	True
Well:	BJU B26 FED 13A-26 496	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)
4,300.0	9.67	207.42	4,252.8	-481.5	-301.1	567.9	0.00	0.00	0.00
4,400.0	9.67	207.42	4,351.3	-496.5	-308.9	584.7	0.00	0.00	0.00
4,500.0	9.67	207.42	4,449.9	-511.4	-316.6	601.4	0.00	0.00	0.00
4,600.0	9.67	207.42	4,548.5	-526.3	-324.4	618.1	0.00	0.00	0.00
4,700.0	9.67	207.42	4,647.1	-541.2	-332.1	634.9	0.00	0.00	0.00
4,800.0	9.67	207.42	4,745.7	-556.1	-339.8	651.6	0.00	0.00	0.00
4,900.0	9.67	207.42	4,844.2	-571.0	-347.6	668.3	0.00	0.00	0.00
5,000.0	9.67	207.42	4,942.8	-585.9	-355.3	685.1	0.00	0.00	0.00
5,100.0	9.67	207.42	5,041.4	-600.8	-363.0	701.8	0.00	0.00	0.00
5,200.0	9.67	207.42	5,140.0	-615.8	-370.8	718.5	0.00	0.00	0.00
5,300.0	9.67	207.42	5,238.6	-630.7	-378.5	735.2	0.00	0.00	0.00
5,400.0	9.67	207.42	5,337.1	-645.6	-386.2	752.0	0.00	0.00	0.00
5,500.0	9.67	207.42	5,435.7	-660.5	-394.0	768.7	0.00	0.00	0.00
5,600.0	9.67	207.42	5,534.3	-675.4	-401.7	785.4	0.00	0.00	0.00
5,700.0	9.67	207.42	5,632.9	-690.3	-409.4	802.2	0.00	0.00	0.00
Wasatch G									
5,791.4	9.67	207.42	5,723.0	-703.9	-416.5	817.5	0.00	0.00	0.00
5,800.0	9.67	207.42	5,731.4	-705.2	-417.2	818.9	0.00	0.00	0.00
5,900.0	9.67	207.42	5,830.0	-720.1	-424.9	835.6	0.00	0.00	0.00
6,000.0	9.67	207.42	5,928.6	-735.1	-432.6	852.4	0.00	0.00	0.00
Fort Union									
6,095.8	9.67	207.42	6,023.0	-749.3	-440.1	868.4	0.00	0.00	0.00
6,100.0	9.67	207.42	6,027.2	-750.0	-440.4	869.1	0.00	0.00	0.00
6,200.0	9.67	207.42	6,125.8	-764.9	-448.1	885.8	0.00	0.00	0.00
6,300.0	9.67	207.42	6,224.3	-779.8	-455.9	902.6	0.00	0.00	0.00
6,400.0	9.67	207.42	6,322.9	-794.7	-463.6	919.3	0.00	0.00	0.00
6,500.0	9.67	207.42	6,421.5	-809.6	-471.3	936.0	0.00	0.00	0.00
6,600.0	9.67	207.42	6,520.1	-824.5	-479.1	952.8	0.00	0.00	0.00
6,700.0	9.67	207.42	6,618.7	-839.4	-486.8	969.5	0.00	0.00	0.00
6,800.0	9.67	207.42	6,717.2	-854.3	-494.5	986.2	0.00	0.00	0.00
6,900.0	9.67	207.42	6,815.8	-869.3	-502.3	1,003.0	0.00	0.00	0.00
7,000.0	9.67	207.42	6,914.4	-884.2	-510.0	1,019.7	0.00	0.00	0.00
7,100.0	9.67	207.42	7,013.0	-899.1	-517.7	1,036.4	0.00	0.00	0.00
7,200.0	9.67	207.42	7,111.6	-914.0	-525.5	1,053.1	0.00	0.00	0.00
7,300.0	9.67	207.42	7,210.1	-928.9	-533.2	1,069.9	0.00	0.00	0.00
7,400.0	9.67	207.42	7,308.7	-943.8	-540.9	1,086.6	0.00	0.00	0.00
7,500.0	9.67	207.42	7,407.3	-958.7	-548.7	1,103.3	0.00	0.00	0.00
7,600.0	9.67	207.42	7,505.9	-973.6	-556.4	1,120.1	0.00	0.00	0.00
7,700.0	9.67	207.42	7,604.4	-988.6	-564.2	1,136.8	0.00	0.00	0.00
7,800.0	9.67	207.42	7,703.0	-1,003.5	-571.9	1,153.5	0.00	0.00	0.00
Drop 3°/100'									
7,828.5	9.67	207.42	7,731.2	-1,007.7	-574.1	1,158.3	0.00	0.00	0.00
7,900.0	7.53	207.42	7,801.8	-1,017.2	-579.0	1,169.0	3.00	-3.00	0.00
8,000.0	4.53	207.42	7,901.2	-1,026.5	-583.8	1,179.4	3.00	-3.00	0.00
8,100.0	1.53	207.42	8,001.1	-1,031.2	-586.3	1,184.7	3.00	-3.00	0.00
EOD @ Vertical / Build 1.5° / 100' - Ohio Creek / TOG									
8,150.9	0.00	0.00	8,052.0	-1,031.8	-586.6	1,185.3	3.00	-3.00	0.00
8,200.0	0.74	250.00	8,101.1	-1,031.9	-586.9	1,185.6	1.50	1.50	0.00
EOB @ 1.49° INC / 250.00° AZM									
8,250.3	1.49	250.00	8,151.4	-1,032.3	-587.8	1,186.4	1.50	1.50	0.00
8,300.0	1.49	250.00	8,201.1	-1,032.7	-589.0	1,187.4	0.00	0.00	0.00
8,400.0	1.49	250.00	8,301.0	-1,033.6	-591.5	1,189.5	0.00	0.00	0.00

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Project:	Garfield County, CO	MD Reference:	WELL @ 8241.0usft (30')
Site:	BJU B26 496 Pad	North Reference:	True
Well:	BJU B26 FED 13A-26 496	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)
Williams Fork									
8,418.0	1.49	250.00	8,319.0	-1,033.8	-591.9	1,189.8	0.00	0.00	0.00
8,500.0	1.49	250.00	8,401.0	-1,034.5	-593.9	1,191.5	0.00	0.00	0.00
8,600.0	1.49	250.00	8,501.0	-1,035.4	-596.4	1,193.6	0.00	0.00	0.00
8,700.0	1.49	250.00	8,600.9	-1,036.3	-598.8	1,195.7	0.00	0.00	0.00
8,800.0	1.49	250.00	8,700.9	-1,037.2	-601.2	1,197.7	0.00	0.00	0.00
8,900.0	1.49	250.00	8,800.9	-1,038.0	-603.7	1,199.8	0.00	0.00	0.00
9,000.0	1.49	250.00	8,900.8	-1,038.9	-606.1	1,201.9	0.00	0.00	0.00
9,100.0	1.49	250.00	9,000.8	-1,039.8	-608.6	1,203.9	0.00	0.00	0.00
9,200.0	1.49	250.00	9,100.8	-1,040.7	-611.0	1,206.0	0.00	0.00	0.00
9,300.0	1.49	250.00	9,200.7	-1,041.6	-613.5	1,208.1	0.00	0.00	0.00
9,400.0	1.49	250.00	9,300.7	-1,042.5	-615.9	1,210.1	0.00	0.00	0.00
9,500.0	1.49	250.00	9,400.7	-1,043.4	-618.4	1,212.2	0.00	0.00	0.00
9,600.0	1.49	250.00	9,500.6	-1,044.3	-620.8	1,214.3	0.00	0.00	0.00
9,700.0	1.49	250.00	9,600.6	-1,045.2	-623.3	1,216.3	0.00	0.00	0.00
9,800.0	1.49	250.00	9,700.6	-1,046.1	-625.7	1,218.4	0.00	0.00	0.00
9,900.0	1.49	250.00	9,800.5	-1,046.9	-628.1	1,220.5	0.00	0.00	0.00
10,000.0	1.49	250.00	9,900.5	-1,047.8	-630.6	1,222.5	0.00	0.00	0.00
10,100.0	1.49	250.00	10,000.5	-1,048.7	-633.0	1,224.6	0.00	0.00	0.00
10,200.0	1.49	250.00	10,100.4	-1,049.6	-635.5	1,226.7	0.00	0.00	0.00
10,300.0	1.49	250.00	10,200.4	-1,050.5	-637.9	1,228.7	0.00	0.00	0.00
10,400.0	1.49	250.00	10,300.4	-1,051.4	-640.4	1,230.8	0.00	0.00	0.00
10,500.0	1.49	250.00	10,400.3	-1,052.3	-642.8	1,232.9	0.00	0.00	0.00
10,600.0	1.49	250.00	10,500.3	-1,053.2	-645.3	1,234.9	0.00	0.00	0.00
10,700.0	1.49	250.00	10,600.2	-1,054.1	-647.7	1,237.0	0.00	0.00	0.00
10,800.0	1.49	250.00	10,700.2	-1,055.0	-650.2	1,239.1	0.00	0.00	0.00
10,900.0	1.49	250.00	10,800.2	-1,055.9	-652.6	1,241.1	0.00	0.00	0.00
11,000.0	1.49	250.00	10,900.1	-1,056.7	-655.0	1,243.2	0.00	0.00	0.00
11,100.0	1.49	250.00	11,000.1	-1,057.6	-657.5	1,245.3	0.00	0.00	0.00
11,200.0	1.49	250.00	11,100.1	-1,058.5	-659.9	1,247.3	0.00	0.00	0.00
11,300.0	1.49	250.00	11,200.0	-1,059.4	-662.4	1,249.4	0.00	0.00	0.00
Cameo									
11,343.0	1.49	250.00	11,243.0	-1,059.8	-663.4	1,250.3	0.00	0.00	0.00
11,400.0	1.49	250.00	11,300.0	-1,060.3	-664.8	1,251.5	0.00	0.00	0.00
11,500.0	1.49	250.00	11,400.0	-1,061.2	-667.3	1,253.5	0.00	0.00	0.00
11,600.0	1.49	250.00	11,499.9	-1,062.1	-669.7	1,255.6	0.00	0.00	0.00
11,700.0	1.49	250.00	11,599.9	-1,063.0	-672.2	1,257.7	0.00	0.00	0.00
11,800.0	1.49	250.00	11,699.9	-1,063.9	-674.6	1,259.7	0.00	0.00	0.00
Rollins									
11,843.1	1.49	250.00	11,743.0	-1,064.2	-675.7	1,260.6	0.00	0.00	0.00
11,900.0	1.49	250.00	11,799.8	-1,064.8	-677.1	1,261.8	0.00	0.00	0.00
12,000.0	1.49	250.00	11,899.8	-1,065.6	-679.5	1,263.9	0.00	0.00	0.00
TD @ 12043.2' MD / 11943.0' TVD									
12,043.2	1.49	250.00	11,943.0	-1,066.0	-680.6	1,264.7	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU B26 FED 13A-26 496 - Slot BJU B26 FED 13A-26 496
Company:	Caerus Oil & Gas	TVD Reference:	WELL @ 8241.0usft (30')
Project:	Garfield County, CO	MD Reference:	WELL @ 8241.0usft (30')
Site:	BJU B26 496 Pad	North Reference:	True
Well:	BJU B26 FED 13A-26 496	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
13A-26 - OHCR - plan hits target center - Ellipse (radii L100.0 W50.0 on 250.00 azi)	0.00	0.00	8,052.0	-1,031.8	-586.6	14,420,347.49	2,445,274.13	39.674484	-108.139865
13A-26 - PBHL - plan hits target center - Point	0.00	0.00	11,943.0	-1,066.0	-680.6	14,420,310.30	2,445,181.30	39.674391	-108.140199

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,356.8	3,323.0	Wasatch			
5,791.4	5,723.0	Wasatch G			
6,095.8	6,023.0	Fort Union			
8,150.9	8,052.0	Ohio Creek / TOG			
8,418.0	8,319.0	Williams Fork			
11,343.0	11,243.0	Cameo			
11,843.1	11,743.0	Rollins			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
400.0	400.0	0.0	0.0	Build 3°/100'
566.7	566.5	-0.6	-7.2	EOB @ 5.00° INC / 265.00° AZM
966.7	964.9	-3.7	-42.0	Build 3°/100'
1,238.5	1,234.8	-25.0	-64.3	EOB @ 9.67° INC / 207.42° AZM
7,828.5	7,731.2	-1,007.7	-574.1	Drop 3°/100'
8,150.9	8,052.0	-1,031.8	-586.6	EOD @ Vertical / Build 1.5° / 100'
8,250.3	8,151.4	-1,032.3	-587.8	EOB @ 1.49° INC / 250.00° AZM
12,043.2	11,943.0	-1,066.0	-680.6	TD @ 12043.2' MD / 11943.0' TVD