

Project: Garfield County, CO
 Site: BJU B26 496 Pad
 Well: BJU B26 FED 11B-26 496
 Wellbore: Wellbore #1
 Design: Design #1
 Latitude: 39.677693
 Longitude: -108.137808
 Ground Level: 8211.0
 RKB @ 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: RKB @ 8241.0usft (30')
 Section (VS) Reference: Slot - BJU B26 FED 11B-26 496(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 8241.0usft (30')
 Calculation Method: Minimum Curvature

SECTION DETAILS

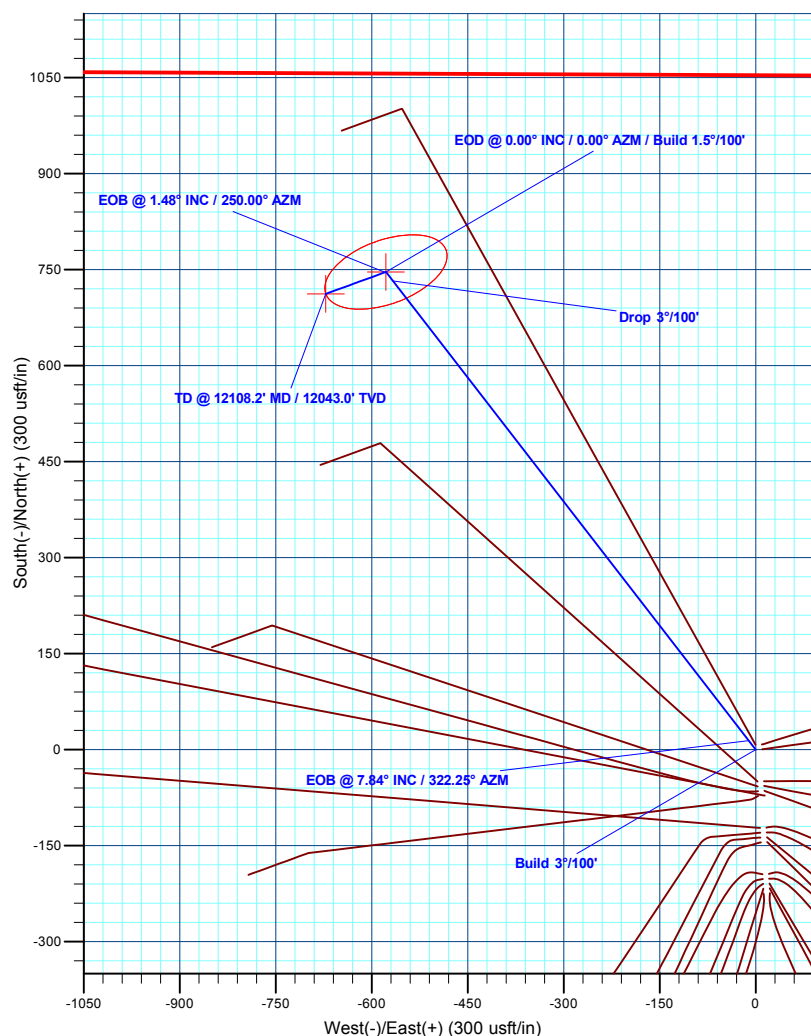
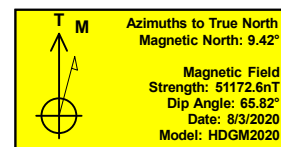
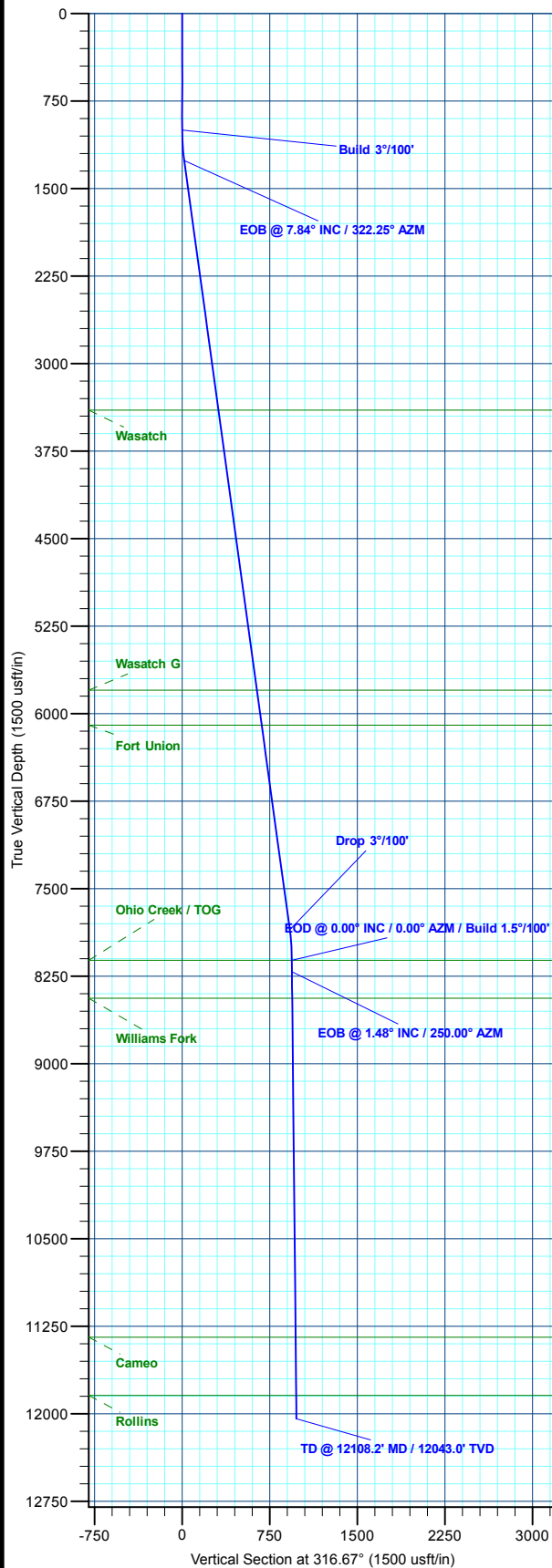
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
1000.0	0.00	0.00	1000.0	0.0	0.0	0.00	0.00	0.0	Build 3"/100'
1261.4	7.84	322.25	1260.6	14.1	-10.9	3.00	322.25	17.8	EOB @ 7.84° INC / 322.25° AZM
7916.5	7.84	322.25	7853.4	732.2	-566.9	0.00	0.00	921.6	Drop 3"/100'
8177.9	0.00	0.00	8114.0	746.3	-577.9	3.00	180.00	939.4	EOD @ 0.00° INC / 0.00° AZM / Build 1.5"/100'
6099.0	1.48	250.00	8212.4	745.9	-579.0	1.50	250.00	939.9	EOB @ 1.48° INC / 250.00° AZM
8276.3	1.48	250.00	12043.0	712.1	-671.8	0.00	0.00	979.0	TD @ 12108.2' MD / 12043.0' TVD

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
11B-26 - OHCR	8114.0	746.3	-577.9	14422261.99	2445214.33	39.679741	-108.139860
11B-26 - PBHL	12043.0	712.1	-671.8	14422224.80	2445121.50	39.679647	-108.140194

WELL DETAILS: BJU B26 FED 11B-26 496

+N/-S	+E/-W	Ground Level : 8211.0	Northing	Easting	Latitude	Longitude
0.0	0.0		14421534.50	2445815.70	39.677693	-108.137808



Plan: Design #1 (BJU B26 FED 11B-26 496/Wellbore #1)

Created By: Will Jircik

Date: 12:46, August 06 2020



Caerus Oil & Gas

Garfield County, CO

BJU B26 496 Pad

BJU B26 FED 11B-26 496 - Slot BJU B26 FED 11B-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 11B-26 496 - Slot BJU B26 FED 11B-26 496
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8241.0usft (30')
Project:	Garfield County, CO	MD Reference:	RKB @ 8241.0usft (30')
Site:	BJU B26 496 Pad	North Reference:	True
Well:	BJU B26 FED 11B-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 11B-26 496 - Slot BJU B26 FED 11B-26 496					
Well Position	+N/-S	64.9 usft	Northing:	14,421,534.50 usft	Latitude:	39.677693
	+E/-W	-3.5 usft	Easting:	2,445,815.70 usft	Longitude:	-108.137808
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	51,172.60000000

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	316.67	

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	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,261.4	7.84	322.25	1,260.6	14.1	-10.9	3.00	3.00	0.00	322.25	
7,916.5	7.84	322.25	7,853.4	732.2	-566.9	0.00	0.00	0.00	0.00	
8,177.9	0.00	0.00	8,114.0	746.3	-577.9	3.00	-3.00	0.00	180.00	11B-26 - OHCR
8,276.3	1.48	250.00	8,212.4	745.9	-579.0	1.50	1.50	-111.76	250.00	
12,108.2	1.48	250.00	12,043.0	712.1	-671.8	0.00	0.00	0.00	0.00	11B-26 - PBHL

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU B26 FED 11B-26 496 - Slot BJU B26 FED 11B-26 496
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8241.0usft (30')
Project:	Garfield County, CO	MD Reference:	RKB @ 8241.0usft (30')
Site:	BJU B26 496 Pad	North Reference:	True
Well:	BJU B26 FED 11B-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	
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	
Build 3°/100'										
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	3.00	322.25	1,100.0	2.1	-1.6	2.6	3.00	3.00	0.00	
1,200.0	6.00	322.25	1,199.6	8.3	-6.4	10.4	3.00	3.00	0.00	
EOB @ 7.84° INC / 322.25° AZM										
1,261.4	7.84	322.25	1,260.6	14.1	-10.9	17.8	3.00	3.00	0.00	
1,300.0	7.84	322.25	1,298.8	18.3	-14.2	23.0	0.00	0.00	0.00	
1,400.0	7.84	322.25	1,397.9	29.1	-22.5	36.6	0.00	0.00	0.00	
1,500.0	7.84	322.25	1,497.0	39.9	-30.9	50.2	0.00	0.00	0.00	
1,600.0	7.84	322.25	1,596.0	50.7	-39.2	63.8	0.00	0.00	0.00	
1,700.0	7.84	322.25	1,695.1	61.4	-47.6	77.3	0.00	0.00	0.00	
1,800.0	7.84	322.25	1,794.1	72.2	-55.9	90.9	0.00	0.00	0.00	
1,900.0	7.84	322.25	1,893.2	83.0	-64.3	104.5	0.00	0.00	0.00	
2,000.0	7.84	322.25	1,992.3	93.8	-72.6	118.1	0.00	0.00	0.00	
2,100.0	7.84	322.25	2,091.3	104.6	-81.0	131.7	0.00	0.00	0.00	
2,200.0	7.84	322.25	2,190.4	115.4	-89.3	145.2	0.00	0.00	0.00	
2,300.0	7.84	322.25	2,289.5	126.2	-97.7	158.8	0.00	0.00	0.00	
2,400.0	7.84	322.25	2,388.5	137.0	-106.1	172.4	0.00	0.00	0.00	
2,500.0	7.84	322.25	2,487.6	147.8	-114.4	186.0	0.00	0.00	0.00	
2,600.0	7.84	322.25	2,586.7	158.6	-122.8	199.6	0.00	0.00	0.00	
2,700.0	7.84	322.25	2,685.7	169.3	-131.1	213.2	0.00	0.00	0.00	
2,800.0	7.84	322.25	2,784.8	180.1	-139.5	226.7	0.00	0.00	0.00	
2,900.0	7.84	322.25	2,883.9	190.9	-147.8	240.3	0.00	0.00	0.00	
3,000.0	7.84	322.25	2,982.9	201.7	-156.2	253.9	0.00	0.00	0.00	
3,100.0	7.84	322.25	3,082.0	212.5	-164.5	267.5	0.00	0.00	0.00	
3,200.0	7.84	322.25	3,181.1	223.3	-172.9	281.1	0.00	0.00	0.00	
3,300.0	7.84	322.25	3,280.1	234.1	-181.2	294.6	0.00	0.00	0.00	
3,400.0	7.84	322.25	3,379.2	244.9	-189.6	308.2	0.00	0.00	0.00	
Wasatch										
3,420.0	7.84	322.25	3,399.0	247.0	-191.3	310.9	0.00	0.00	0.00	
3,500.0	7.84	322.25	3,478.2	255.7	-198.0	321.8	0.00	0.00	0.00	
3,600.0	7.84	322.25	3,577.3	266.4	-206.3	335.4	0.00	0.00	0.00	
3,700.0	7.84	322.25	3,676.4	277.2	-214.7	349.0	0.00	0.00	0.00	
3,800.0	7.84	322.25	3,775.4	288.0	-223.0	362.5	0.00	0.00	0.00	
3,900.0	7.84	322.25	3,874.5	298.8	-231.4	376.1	0.00	0.00	0.00	
4,000.0	7.84	322.25	3,973.6	309.6	-239.7	389.7	0.00	0.00	0.00	
4,100.0	7.84	322.25	4,072.6	320.4	-248.1	403.3	0.00	0.00	0.00	
4,200.0	7.84	322.25	4,171.7	331.2	-256.4	416.9	0.00	0.00	0.00	
4,300.0	7.84	322.25	4,270.8	342.0	-264.8	430.5	0.00	0.00	0.00	
4,400.0	7.84	322.25	4,369.8	352.8	-273.1	444.0	0.00	0.00	0.00	
4,500.0	7.84	322.25	4,468.9	363.6	-281.5	457.6	0.00	0.00	0.00	
4,600.0	7.84	322.25	4,568.0	374.3	-289.9	471.2	0.00	0.00	0.00	
4,700.0	7.84	322.25	4,667.0	385.1	-298.2	484.8	0.00	0.00	0.00	

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU B26 FED 11B-26 496 - Slot BJU B26 FED 11B-26 496
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8241.0usft (30')
Project:	Garfield County, CO	MD Reference:	RKB @ 8241.0usft (30')
Site:	BJU B26 496 Pad	North Reference:	True
Well:	BJU B26 FED 11B-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)
4,800.0	7.84	322.25	4,766.1	395.9	-306.6	498.4	0.00	0.00	0.00
4,900.0	7.84	322.25	4,865.1	406.7	-314.9	511.9	0.00	0.00	0.00
5,000.0	7.84	322.25	4,964.2	417.5	-323.3	525.5	0.00	0.00	0.00
5,100.0	7.84	322.25	5,063.3	428.3	-331.6	539.1	0.00	0.00	0.00
5,200.0	7.84	322.25	5,162.3	439.1	-340.0	552.7	0.00	0.00	0.00
5,300.0	7.84	322.25	5,261.4	449.9	-348.3	566.3	0.00	0.00	0.00
5,400.0	7.84	322.25	5,360.5	460.7	-356.7	579.8	0.00	0.00	0.00
5,500.0	7.84	322.25	5,459.5	471.5	-365.0	593.4	0.00	0.00	0.00
5,600.0	7.84	322.25	5,558.6	482.2	-373.4	607.0	0.00	0.00	0.00
5,700.0	7.84	322.25	5,657.7	493.0	-381.7	620.6	0.00	0.00	0.00
5,800.0	7.84	322.25	5,756.7	503.8	-390.1	634.2	0.00	0.00	0.00
Wasatch G									
5,842.7	7.84	322.25	5,799.0	508.4	-393.7	640.0	0.00	0.00	0.00
5,900.0	7.84	322.25	5,855.8	514.6	-398.5	647.8	0.00	0.00	0.00
6,000.0	7.84	322.25	5,954.9	525.4	-406.8	661.3	0.00	0.00	0.00
6,100.0	7.84	322.25	6,053.9	536.2	-415.2	674.9	0.00	0.00	0.00
Fort Union									
6,145.5	7.84	322.25	6,099.0	541.1	-419.0	681.1	0.00	0.00	0.00
6,200.0	7.84	322.25	6,153.0	547.0	-423.5	688.5	0.00	0.00	0.00
6,300.0	7.84	322.25	6,252.1	557.8	-431.9	702.1	0.00	0.00	0.00
6,400.0	7.84	322.25	6,351.1	568.6	-440.2	715.7	0.00	0.00	0.00
6,500.0	7.84	322.25	6,450.2	579.4	-448.6	729.2	0.00	0.00	0.00
6,600.0	7.84	322.25	6,549.2	590.1	-456.9	742.8	0.00	0.00	0.00
6,700.0	7.84	322.25	6,648.3	600.9	-465.3	756.4	0.00	0.00	0.00
6,800.0	7.84	322.25	6,747.4	611.7	-473.6	770.0	0.00	0.00	0.00
6,900.0	7.84	322.25	6,846.4	622.5	-482.0	783.6	0.00	0.00	0.00
7,000.0	7.84	322.25	6,945.5	633.3	-490.4	797.1	0.00	0.00	0.00
7,100.0	7.84	322.25	7,044.6	644.1	-498.7	810.7	0.00	0.00	0.00
7,200.0	7.84	322.25	7,143.6	654.9	-507.1	824.3	0.00	0.00	0.00
7,300.0	7.84	322.25	7,242.7	665.7	-515.4	837.9	0.00	0.00	0.00
7,400.0	7.84	322.25	7,341.8	676.5	-523.8	851.5	0.00	0.00	0.00
7,500.0	7.84	322.25	7,440.8	687.2	-532.1	865.1	0.00	0.00	0.00
7,600.0	7.84	322.25	7,539.9	698.0	-540.5	878.6	0.00	0.00	0.00
7,700.0	7.84	322.25	7,639.0	708.8	-548.8	892.2	0.00	0.00	0.00
7,800.0	7.84	322.25	7,738.0	719.6	-557.2	905.8	0.00	0.00	0.00
7,900.0	7.84	322.25	7,837.1	730.4	-565.5	919.4	0.00	0.00	0.00
Drop 3°/100'									
7,916.5	7.84	322.25	7,853.4	732.2	-566.9	921.6	0.00	0.00	0.00
8,000.0	5.34	322.25	7,936.4	739.8	-572.8	931.2	3.00	-3.00	0.00
8,100.0	2.34	322.25	8,036.1	745.1	-576.9	937.8	3.00	-3.00	0.00
EOD @ 0.00° INC / 0.00° AZM / Build 1.5°/100' - Ohio Creek / TOG									
8,177.9	0.00	0.00	8,114.0	746.3	-577.9	939.4	3.00	-3.00	0.00
8,200.0	0.33	250.00	8,136.1	746.3	-577.9	939.4	1.50	1.50	0.00
EOB @ 1.48° INC / 250.00° AZM									
8,276.3	1.48	250.00	8,212.4	745.9	-579.0	939.9	1.50	1.50	0.00
8,300.0	1.48	250.00	8,236.1	745.7	-579.6	940.1	0.00	0.00	0.00
8,400.0	1.48	250.00	8,336.1	744.8	-582.0	941.2	0.00	0.00	0.00
8,500.0	1.48	250.00	8,436.0	743.9	-584.5	942.2	0.00	0.00	0.00
Williams Fork									
8,504.0	1.48	250.00	8,440.0	743.9	-584.6	942.2	0.00	0.00	0.00
8,600.0	1.48	250.00	8,536.0	743.0	-586.9	943.2	0.00	0.00	0.00
8,700.0	1.48	250.00	8,636.0	742.1	-589.3	944.2	0.00	0.00	0.00

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Project:	Garfield County, CO	MD Reference:	RKB @ 8241.0usft (30')
Site:	BJU B26 496 Pad	North Reference:	True
Well:	BJU B26 FED 11B-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)	
8,800.0	1.48	250.00	8,735.9	741.3	-591.7	945.2	0.00	0.00	0.00	
8,900.0	1.48	250.00	8,835.9	740.4	-594.1	946.3	0.00	0.00	0.00	
9,000.0	1.48	250.00	8,935.9	739.5	-596.6	947.3	0.00	0.00	0.00	
9,100.0	1.48	250.00	9,035.8	738.6	-599.0	948.3	0.00	0.00	0.00	
9,200.0	1.48	250.00	9,135.8	737.7	-601.4	949.3	0.00	0.00	0.00	
9,300.0	1.48	250.00	9,235.8	736.9	-603.8	950.3	0.00	0.00	0.00	
9,400.0	1.48	250.00	9,335.7	736.0	-606.3	951.4	0.00	0.00	0.00	
9,500.0	1.48	250.00	9,435.7	735.1	-608.7	952.4	0.00	0.00	0.00	
9,600.0	1.48	250.00	9,535.7	734.2	-611.1	953.4	0.00	0.00	0.00	
9,700.0	1.48	250.00	9,635.6	733.3	-613.5	954.4	0.00	0.00	0.00	
9,800.0	1.48	250.00	9,735.6	732.4	-615.9	955.4	0.00	0.00	0.00	
9,900.0	1.48	250.00	9,835.6	731.6	-618.4	956.5	0.00	0.00	0.00	
10,000.0	1.48	250.00	9,935.5	730.7	-620.8	957.5	0.00	0.00	0.00	
10,100.0	1.48	250.00	10,035.5	729.8	-623.2	958.5	0.00	0.00	0.00	
10,200.0	1.48	250.00	10,135.5	728.9	-625.6	959.5	0.00	0.00	0.00	
10,300.0	1.48	250.00	10,235.4	728.0	-628.0	960.5	0.00	0.00	0.00	
10,400.0	1.48	250.00	10,335.4	727.2	-630.5	961.6	0.00	0.00	0.00	
10,500.0	1.48	250.00	10,435.4	726.3	-632.9	962.6	0.00	0.00	0.00	
10,600.0	1.48	250.00	10,535.3	725.4	-635.3	963.6	0.00	0.00	0.00	
10,700.0	1.48	250.00	10,635.3	724.5	-637.7	964.6	0.00	0.00	0.00	
10,800.0	1.48	250.00	10,735.3	723.6	-640.1	965.6	0.00	0.00	0.00	
10,900.0	1.48	250.00	10,835.2	722.7	-642.6	966.7	0.00	0.00	0.00	
11,000.0	1.48	250.00	10,935.2	721.9	-645.0	967.7	0.00	0.00	0.00	
11,100.0	1.48	250.00	11,035.2	721.0	-647.4	968.7	0.00	0.00	0.00	
11,200.0	1.48	250.00	11,135.1	720.1	-649.8	969.7	0.00	0.00	0.00	
11,300.0	1.48	250.00	11,235.1	719.2	-652.3	970.7	0.00	0.00	0.00	
11,400.0	1.48	250.00	11,335.1	718.3	-654.7	971.8	0.00	0.00	0.00	
Cameo										
11,407.9	1.48	250.00	11,343.0	718.3	-654.9	971.8	0.00	0.00	0.00	
11,500.0	1.48	250.00	11,435.0	717.5	-657.1	972.8	0.00	0.00	0.00	
11,600.0	1.48	250.00	11,535.0	716.6	-659.5	973.8	0.00	0.00	0.00	
11,700.0	1.48	250.00	11,635.0	715.7	-661.9	974.8	0.00	0.00	0.00	
11,800.0	1.48	250.00	11,734.9	714.8	-664.4	975.8	0.00	0.00	0.00	
11,900.0	1.48	250.00	11,834.9	713.9	-666.8	976.9	0.00	0.00	0.00	
Rollins										
11,908.1	1.48	250.00	11,843.0	713.9	-667.0	977.0	0.00	0.00	0.00	
12,000.0	1.48	250.00	11,934.9	713.1	-669.2	977.9	0.00	0.00	0.00	
TD @ 12108.2' MD / 12043.0' TVD										
12,108.2	1.48	250.00	12,043.0	712.1	-671.8	979.0	0.00	0.00	0.00	

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU B26 FED 11B-26 496 - Slot BJU B26 FED 11B-26 496
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8241.0usft (30')
Project:	Garfield County, CO	MD Reference:	RKB @ 8241.0usft (30')
Site:	BJU B26 496 Pad	North Reference:	True
Well:	BJU B26 FED 11B-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
11B-26 - OHCR - plan hits target center - Ellipse (radii L100.0 W50.0 on 250.00 azi)	0.00	0.00	8,114.0	746.3	-577.9	14,422,261.99	2,445,214.33	39.679741	-108.139860
11B-26 - PBHL - plan hits target center - Point	0.00	0.00	12,043.0	712.1	-671.8	14,422,224.80	2,445,121.50	39.679647	-108.140194

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,420.0	3,399.0	Wasatch			
5,842.7	5,799.0	Wasatch G			
6,145.5	6,099.0	Fort Union			
8,177.9	8,114.0	Ohio Creek / TOG			
8,504.0	8,440.0	Williams Fork			
11,407.9	11,343.0	Cameo			
11,908.1	11,843.0	Rollins			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,000.0	1,000.0	0.0	0.0	Build 3°/100'
1,261.4	1,260.6	14.1	-10.9	EOB @ 7.84° INC / 322.25° AZM
7,916.5	7,853.4	732.2	-566.9	Drop 3°/100'
8,177.9	8,114.0	746.3	-577.9	EOD @ 0.00° INC / 0.00° AZM / Build 1.5°/100'
8,276.3	8,212.4	745.9	-579.0	EOB @ 1.48° INC / 250.00° AZM
12,108.2	12,043.0	712.1	-671.8	TD @ 12108.2' MD / 12043.0' TVD