

Project: Garfield County, CO
 Site: BJU B26 496 Pad
 Well: BJU B26 FED 13B-26 496
 Wellbore: Wellbore #1
 Design: Design #1
 Latitude: 39.677295
 Longitude: -108.137780
 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 13B-26 496(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 8241.0usft (30')
 Calculation Method: Minimum Curvature

SECTION DETAILS

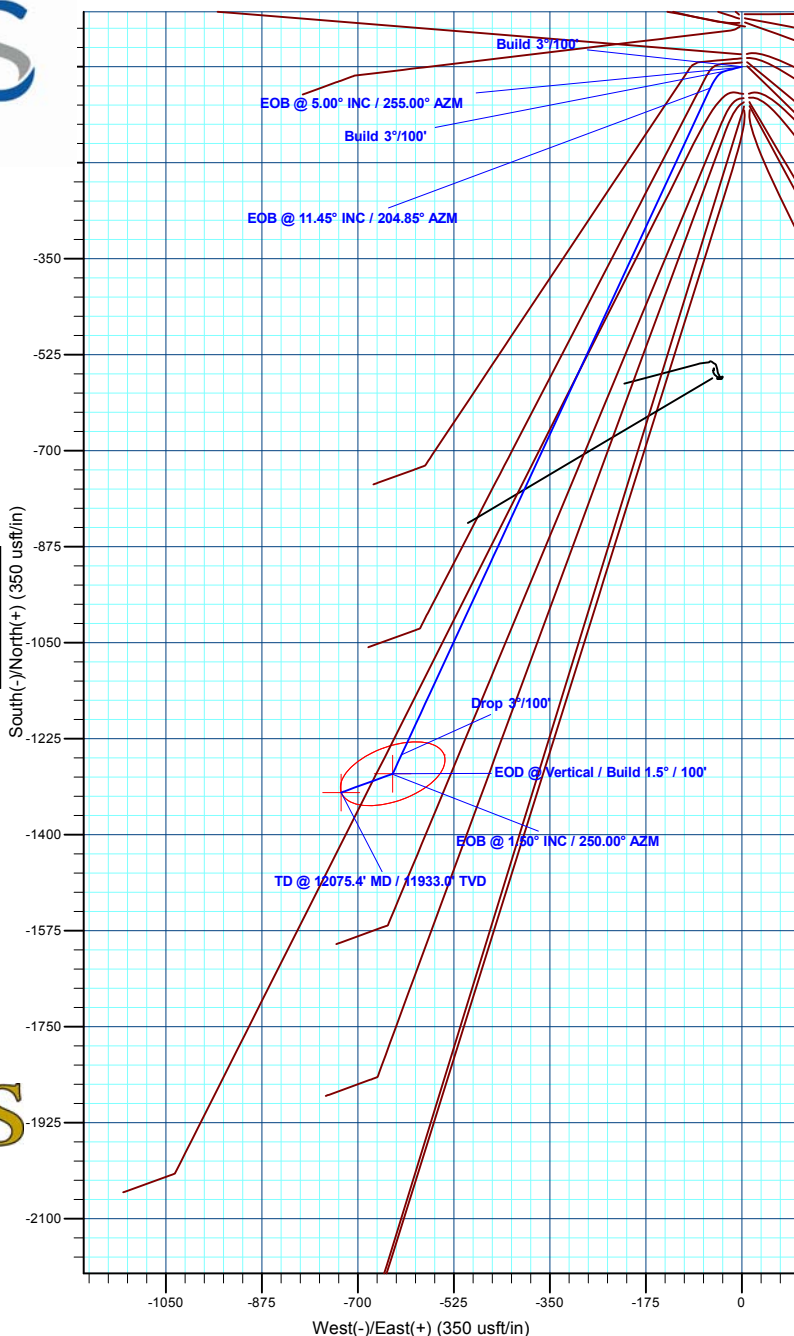
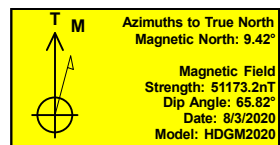
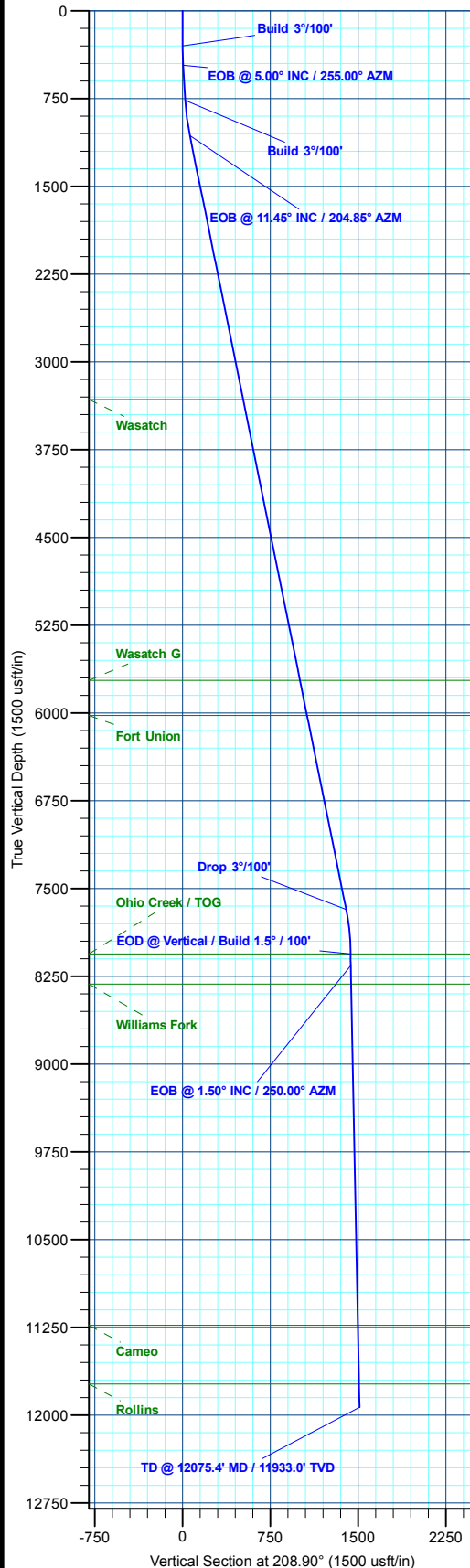
MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	Vsect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0	Build 3°/100'
466.7	5.00	255.00	466.5	-1.9	-7.0	3.00	255.00	5.0	EOB @ 5.00° INC / 255.00° AZM
766.7	5.00	255.00	765.3	-8.6	-32.3	0.00	0.00	23.2	Build 3°/100'
1069.4	11.45	204.85	1065.1	-39.4	-57.7	3.00	-74.84	62.4	EOB @ 11.45° INC / 204.85° AZM
7817.5	11.45	204.85	7679.0	-1254.6	-620.6	0.00	0.00	1398.3	Drop 3°/100'
8199.1	0.00	0.00	8058.0	-1289.1	-636.5	3.00	180.00	1436.1	EOD @ Vertical / Build 1.5° / 100'
8298.9	1.50	250.00	8157.8	-1289.5	-637.8	1.50	250.00	1437.1	EOB @ 1.50° INC / 250.00° AZM
12075.4	1.50	250.00	11933.0	-1323.3	-730.5	0.00	0.00	1511.5	TD @ 12075.4' MD / 11933.0' TVD

DESIGN TARGET DETAILS

Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude
13B-26 - OHCR	8058.0	-1289.1	-636.5	14420081.29	2445233.13	39.673758	-108.140040
13B-26 - PBHL	11933.0	-1323.3	-730.5	14420044.10	2445140.30	39.673664	-108.140374

WELL DETAILS: BJU B26 FED 13B-26 496

+N-S	+E-W	Ground Level	Northing	Easting	Latitude	Longitude
0.0	0.0	8211.0	14421390.00	2445828.20	39.677295	-108.137780



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

Created By: Will Jircik

Date: 12:04, August 06 2020



Caerus Oil & Gas

Garfield County, CO

BJU B26 496 Pad

BJU B26 FED 13B-26 496 - Slot BJU B26 FED 13B-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 13B-26 496 - Slot BJU B26 FED 13B-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 13B-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 13B-26 496 - Slot BJU B26 FED 13B-26 496					
Well Position	+N/-S	-79.9 usft	Northing:	14,421,390.00 usft	Latitude:	39.677296
	+E/-W	4.4 usft	Easting:	2,445,828.20 usft	Longitude:	-108.137780
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	208.90	

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	
300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.00	0.00	
466.7	5.00	255.00	466.5	-1.9	-7.0	3.00	3.00	0.00	255.00	
766.7	5.00	255.00	765.3	-8.6	-32.3	0.00	0.00	0.00	0.00	
1,069.4	11.45	204.85	1,065.1	-39.4	-57.7	3.00	2.13	-16.56	-74.84	
7,817.5	11.45	204.85	7,679.0	-1,254.6	-620.6	0.00	0.00	0.00	0.00	
8,199.1	0.00	0.00	8,058.0	-1,289.1	-636.5	3.00	-3.00	0.00	180.00	13B-26 - OHCR
8,298.9	1.50	250.00	8,157.8	-1,289.5	-637.8	1.50	1.50	-110.18	250.00	
12,075.4	1.50	250.00	11,933.0	-1,323.3	-730.5	0.00	0.00	0.00	0.00	13B-26 - PBHL

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU B26 FED 13B-26 496 - Slot BJU B26 FED 13B-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 13B-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
Build 3°/100'									
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	3.00	255.00	400.0	-0.7	-2.5	1.8	3.00	3.00	0.00
EOB @ 5.00° INC / 255.00° AZM									
466.7	5.00	255.00	466.5	-1.9	-7.0	5.0	3.00	3.00	0.00
500.0	5.00	255.00	499.7	-2.6	-9.8	7.1	0.00	0.00	0.00
600.0	5.00	255.00	599.3	-4.9	-18.2	13.1	0.00	0.00	0.00
700.0	5.00	255.00	698.9	-7.1	-26.7	19.1	0.00	0.00	0.00
Build 3°/100'									
766.7	5.00	255.00	765.3	-8.6	-32.3	23.2	0.00	0.00	0.00
800.0	5.35	244.59	798.5	-9.7	-35.1	25.4	3.00	1.05	-31.23
900.0	7.17	222.36	897.9	-16.3	-43.5	35.3	3.00	1.82	-22.23
1,000.0	9.60	210.15	996.9	-28.1	-51.9	49.7	3.00	2.43	-12.21
EOB @ 11.45° INC / 204.85° AZM									
1,069.4	11.45	204.85	1,065.1	-39.4	-57.7	62.4	3.00	2.66	-7.63
1,100.0	11.45	204.85	1,095.1	-44.9	-60.2	68.4	0.00	0.00	0.00
1,200.0	11.45	204.85	1,193.1	-62.9	-68.6	88.2	0.00	0.00	0.00
1,300.0	11.45	204.85	1,291.1	-80.9	-76.9	108.0	0.00	0.00	0.00
1,400.0	11.45	204.85	1,389.1	-98.9	-85.3	127.8	0.00	0.00	0.00
1,500.0	11.45	204.85	1,487.1	-116.9	-93.6	147.6	0.00	0.00	0.00
1,600.0	11.45	204.85	1,585.1	-134.9	-102.0	167.4	0.00	0.00	0.00
1,700.0	11.45	204.85	1,683.1	-152.9	-110.3	187.2	0.00	0.00	0.00
1,800.0	11.45	204.85	1,781.2	-171.0	-118.6	207.0	0.00	0.00	0.00
1,900.0	11.45	204.85	1,879.2	-189.0	-127.0	226.8	0.00	0.00	0.00
2,000.0	11.45	204.85	1,977.2	-207.0	-135.3	246.6	0.00	0.00	0.00
2,100.0	11.45	204.85	2,075.2	-225.0	-143.7	266.4	0.00	0.00	0.00
2,200.0	11.45	204.85	2,173.2	-243.0	-152.0	286.2	0.00	0.00	0.00
2,300.0	11.45	204.85	2,271.2	-261.0	-160.3	306.0	0.00	0.00	0.00
2,400.0	11.45	204.85	2,369.2	-279.0	-168.7	325.8	0.00	0.00	0.00
2,500.0	11.45	204.85	2,467.2	-297.0	-177.0	345.6	0.00	0.00	0.00
2,600.0	11.45	204.85	2,565.2	-315.0	-185.4	365.4	0.00	0.00	0.00
2,700.0	11.45	204.85	2,663.3	-333.0	-193.7	385.2	0.00	0.00	0.00
2,800.0	11.45	204.85	2,761.3	-351.0	-202.0	405.0	0.00	0.00	0.00
2,900.0	11.45	204.85	2,859.3	-369.0	-210.4	424.8	0.00	0.00	0.00
3,000.0	11.45	204.85	2,957.3	-387.0	-218.7	444.6	0.00	0.00	0.00
3,100.0	11.45	204.85	3,055.3	-405.1	-227.1	464.4	0.00	0.00	0.00
3,200.0	11.45	204.85	3,153.3	-423.1	-235.4	484.1	0.00	0.00	0.00
3,300.0	11.45	204.85	3,251.3	-441.1	-243.8	503.9	0.00	0.00	0.00
Wasatch									
3,371.1	11.45	204.85	3,321.0	-453.9	-249.7	518.0	0.00	0.00	0.00
3,400.0	11.45	204.85	3,349.3	-459.1	-252.1	523.7	0.00	0.00	0.00
3,500.0	11.45	204.85	3,447.3	-477.1	-260.4	543.5	0.00	0.00	0.00
3,600.0	11.45	204.85	3,545.4	-495.1	-268.8	563.3	0.00	0.00	0.00
3,700.0	11.45	204.85	3,643.4	-513.1	-277.1	583.1	0.00	0.00	0.00
3,800.0	11.45	204.85	3,741.4	-531.1	-285.5	602.9	0.00	0.00	0.00
3,900.0	11.45	204.85	3,839.4	-549.1	-293.8	622.7	0.00	0.00	0.00
4,000.0	11.45	204.85	3,937.4	-567.1	-302.1	642.5	0.00	0.00	0.00
4,100.0	11.45	204.85	4,035.4	-585.1	-310.5	662.3	0.00	0.00	0.00
4,200.0	11.45	204.85	4,133.4	-603.1	-318.8	682.1	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU B26 FED 13B-26 496 - Slot BJU B26 FED 13B-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 13B-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	11.45	204.85	4,231.4	-621.2	-327.2	701.9	0.00	0.00	0.00
4,400.0	11.45	204.85	4,329.4	-639.2	-335.5	721.7	0.00	0.00	0.00
4,500.0	11.45	204.85	4,427.5	-657.2	-343.8	741.5	0.00	0.00	0.00
4,600.0	11.45	204.85	4,525.5	-675.2	-352.2	761.3	0.00	0.00	0.00
4,700.0	11.45	204.85	4,623.5	-693.2	-360.5	781.1	0.00	0.00	0.00
4,800.0	11.45	204.85	4,721.5	-711.2	-368.9	800.9	0.00	0.00	0.00
4,900.0	11.45	204.85	4,819.5	-729.2	-377.2	820.7	0.00	0.00	0.00
5,000.0	11.45	204.85	4,917.5	-747.2	-385.5	840.5	0.00	0.00	0.00
5,100.0	11.45	204.85	5,015.5	-765.2	-393.9	860.3	0.00	0.00	0.00
5,200.0	11.45	204.85	5,113.5	-783.2	-402.2	880.1	0.00	0.00	0.00
5,300.0	11.45	204.85	5,211.5	-801.2	-410.6	899.9	0.00	0.00	0.00
5,400.0	11.45	204.85	5,309.5	-819.2	-418.9	919.7	0.00	0.00	0.00
5,500.0	11.45	204.85	5,407.6	-837.2	-427.3	939.5	0.00	0.00	0.00
5,600.0	11.45	204.85	5,505.6	-855.3	-435.6	959.3	0.00	0.00	0.00
5,700.0	11.45	204.85	5,603.6	-873.3	-443.9	979.1	0.00	0.00	0.00
5,800.0	11.45	204.85	5,701.6	-891.3	-452.3	998.9	0.00	0.00	0.00
Wasatch G									
5,819.8	11.45	204.85	5,721.0	-894.8	-453.9	1,002.8	0.00	0.00	0.00
5,900.0	11.45	204.85	5,799.6	-909.3	-460.6	1,018.7	0.00	0.00	0.00
6,000.0	11.45	204.85	5,897.6	-927.3	-469.0	1,038.4	0.00	0.00	0.00
6,100.0	11.45	204.85	5,995.6	-945.3	-477.3	1,058.2	0.00	0.00	0.00
Fort Union									
6,125.9	11.45	204.85	6,021.0	-950.0	-479.5	1,063.4	0.00	0.00	0.00
6,200.0	11.45	204.85	6,093.6	-963.3	-485.6	1,078.0	0.00	0.00	0.00
6,300.0	11.45	204.85	6,191.6	-981.3	-494.0	1,097.8	0.00	0.00	0.00
6,400.0	11.45	204.85	6,289.7	-999.3	-502.3	1,117.6	0.00	0.00	0.00
6,500.0	11.45	204.85	6,387.7	-1,017.3	-510.7	1,137.4	0.00	0.00	0.00
6,600.0	11.45	204.85	6,485.7	-1,035.3	-519.0	1,157.2	0.00	0.00	0.00
6,700.0	11.45	204.85	6,583.7	-1,053.3	-527.3	1,177.0	0.00	0.00	0.00
6,800.0	11.45	204.85	6,681.7	-1,071.4	-535.7	1,196.8	0.00	0.00	0.00
6,900.0	11.45	204.85	6,779.7	-1,089.4	-544.0	1,216.6	0.00	0.00	0.00
7,000.0	11.45	204.85	6,877.7	-1,107.4	-552.4	1,236.4	0.00	0.00	0.00
7,100.0	11.45	204.85	6,975.7	-1,125.4	-560.7	1,256.2	0.00	0.00	0.00
7,200.0	11.45	204.85	7,073.7	-1,143.4	-569.1	1,276.0	0.00	0.00	0.00
7,300.0	11.45	204.85	7,171.8	-1,161.4	-577.4	1,295.8	0.00	0.00	0.00
7,400.0	11.45	204.85	7,269.8	-1,179.4	-585.7	1,315.6	0.00	0.00	0.00
7,500.0	11.45	204.85	7,367.8	-1,197.4	-594.1	1,335.4	0.00	0.00	0.00
7,600.0	11.45	204.85	7,465.8	-1,215.4	-602.4	1,355.2	0.00	0.00	0.00
7,700.0	11.45	204.85	7,563.8	-1,233.4	-610.8	1,375.0	0.00	0.00	0.00
7,800.0	11.45	204.85	7,661.8	-1,251.4	-619.1	1,394.8	0.00	0.00	0.00
Drop 3°/100'									
7,817.5	11.45	204.85	7,679.0	-1,254.6	-620.6	1,398.3	0.00	0.00	0.00
7,900.0	8.97	204.85	7,760.1	-1,267.9	-626.7	1,412.8	3.00	-3.00	0.00
8,000.0	5.97	204.85	7,859.3	-1,279.7	-632.2	1,425.8	3.00	-3.00	0.00
8,100.0	2.97	204.85	7,959.0	-1,286.7	-635.4	1,433.6	3.00	-3.00	0.00
EOD @ Vertical / Build 1.5° / 100' - Ohio Creek / TOG									
8,199.1	0.00	0.00	8,058.0	-1,289.1	-636.5	1,436.1	3.00	-3.00	0.00
EOB @ 1.50° INC / 250.00° AZM									
8,298.9	1.50	250.00	8,157.8	-1,289.5	-637.8	1,437.1	1.50	1.50	0.00
8,300.0	1.50	250.00	8,158.9	-1,289.5	-637.8	1,437.1	0.00	0.00	0.00
8,400.0	1.50	250.00	8,258.9	-1,290.4	-640.2	1,439.1	0.00	0.00	0.00
Williams Fork									

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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 13B-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)
8,457.1	1.50	250.00	8,316.0	-1,290.9	-641.6	1,440.2	0.00	0.00	0.00
8,500.0	1.50	250.00	8,358.8	-1,291.3	-642.7	1,441.1	0.00	0.00	0.00
8,600.0	1.50	250.00	8,458.8	-1,292.2	-645.1	1,443.1	0.00	0.00	0.00
8,700.0	1.50	250.00	8,558.8	-1,293.1	-647.6	1,445.0	0.00	0.00	0.00
8,800.0	1.50	250.00	8,658.7	-1,294.0	-650.1	1,447.0	0.00	0.00	0.00
8,900.0	1.50	250.00	8,758.7	-1,294.9	-652.5	1,449.0	0.00	0.00	0.00
9,000.0	1.50	250.00	8,858.7	-1,295.8	-655.0	1,450.9	0.00	0.00	0.00
9,100.0	1.50	250.00	8,958.6	-1,296.7	-657.4	1,452.9	0.00	0.00	0.00
9,200.0	1.50	250.00	9,058.6	-1,297.6	-659.9	1,454.9	0.00	0.00	0.00
9,300.0	1.50	250.00	9,158.6	-1,298.5	-662.3	1,456.8	0.00	0.00	0.00
9,400.0	1.50	250.00	9,258.5	-1,299.3	-664.8	1,458.8	0.00	0.00	0.00
9,500.0	1.50	250.00	9,358.5	-1,300.2	-667.2	1,460.8	0.00	0.00	0.00
9,600.0	1.50	250.00	9,458.5	-1,301.1	-669.7	1,462.8	0.00	0.00	0.00
9,700.0	1.50	250.00	9,558.4	-1,302.0	-672.2	1,464.7	0.00	0.00	0.00
9,800.0	1.50	250.00	9,658.4	-1,302.9	-674.6	1,466.7	0.00	0.00	0.00
9,900.0	1.50	250.00	9,758.4	-1,303.8	-677.1	1,468.7	0.00	0.00	0.00
10,000.0	1.50	250.00	9,858.3	-1,304.7	-679.5	1,470.6	0.00	0.00	0.00
10,100.0	1.50	250.00	9,958.3	-1,305.6	-682.0	1,472.6	0.00	0.00	0.00
10,200.0	1.50	250.00	10,058.3	-1,306.5	-684.4	1,474.6	0.00	0.00	0.00
10,300.0	1.50	250.00	10,158.2	-1,307.4	-686.9	1,476.5	0.00	0.00	0.00
10,400.0	1.50	250.00	10,258.2	-1,308.3	-689.3	1,478.5	0.00	0.00	0.00
10,500.0	1.50	250.00	10,358.2	-1,309.2	-691.8	1,480.5	0.00	0.00	0.00
10,600.0	1.50	250.00	10,458.1	-1,310.1	-694.3	1,482.4	0.00	0.00	0.00
10,700.0	1.50	250.00	10,558.1	-1,311.0	-696.7	1,484.4	0.00	0.00	0.00
10,800.0	1.50	250.00	10,658.1	-1,311.9	-699.2	1,486.4	0.00	0.00	0.00
10,900.0	1.50	250.00	10,758.0	-1,312.8	-701.6	1,488.4	0.00	0.00	0.00
11,000.0	1.50	250.00	10,858.0	-1,313.7	-704.1	1,490.3	0.00	0.00	0.00
11,100.0	1.50	250.00	10,958.0	-1,314.5	-706.5	1,492.3	0.00	0.00	0.00
11,200.0	1.50	250.00	11,057.9	-1,315.4	-709.0	1,494.3	0.00	0.00	0.00
11,300.0	1.50	250.00	11,157.9	-1,316.3	-711.5	1,496.2	0.00	0.00	0.00
Cameo									
11,375.1	1.50	250.00	11,233.0	-1,317.0	-713.3	1,497.7	0.00	0.00	0.00
11,400.0	1.50	250.00	11,257.9	-1,317.2	-713.9	1,498.2	0.00	0.00	0.00
11,500.0	1.50	250.00	11,357.8	-1,318.1	-716.4	1,500.2	0.00	0.00	0.00
11,600.0	1.50	250.00	11,457.8	-1,319.0	-718.8	1,502.1	0.00	0.00	0.00
11,700.0	1.50	250.00	11,557.8	-1,319.9	-721.3	1,504.1	0.00	0.00	0.00
11,800.0	1.50	250.00	11,657.7	-1,320.8	-723.7	1,506.1	0.00	0.00	0.00
Rollins									
11,875.3	1.50	250.00	11,733.0	-1,321.5	-725.6	1,507.6	0.00	0.00	0.00
11,900.0	1.50	250.00	11,757.7	-1,321.7	-726.2	1,508.1	0.00	0.00	0.00
12,000.0	1.50	250.00	11,857.7	-1,322.6	-728.6	1,510.0	0.00	0.00	0.00
TD @ 12075.4' MD / 11933.0' TVD									
12,075.4	1.50	250.00	11,933.0	-1,323.3	-730.5	1,511.5	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU B26 FED 13B-26 496 - Slot BJU B26 FED 13B-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 13B-26 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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									
13B-26 - OHCR	0.00	0.00	8,058.0	-1,289.1	-636.5	14,420,081.29	2,445,233.13	39.673758	-108.140041
- plan hits target center									
- Ellipse (radii L100.0 W50.0 on 250.00 azi)									
13B-26 - PBHL	0.00	0.00	11,933.0	-1,323.3	-730.5	14,420,044.10	2,445,140.30	39.673664	-108.140374
- plan hits target center									
- Point									

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,371.1	3,321.0	Wasatch			
5,819.8	5,721.0	Wasatch G			
6,125.9	6,021.0	Fort Union			
8,199.1	8,058.0	Ohio Creek / TOG			
8,457.1	8,316.0	Williams Fork			
11,375.1	11,233.0	Cameo			
11,875.3	11,733.0	Rollins			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment
300.0	300.0	0.0	0.0	Build 3°/100'
466.7	466.5	-1.9	-7.0	EOB @ 5.00° INC / 255.00° AZM
766.7	765.3	-8.6	-32.3	Build 3°/100'
1,069.4	1,065.1	-39.4	-57.7	EOB @ 11.45° INC / 204.85° AZM
7,817.5	7,679.0	-1,254.6	-620.6	Drop 3°/100'
8,199.1	8,058.0	-1,289.1	-636.5	EOD @ Vertical / Build 1.5° / 100'
8,298.9	8,157.8	-1,289.5	-637.8	EOB @ 1.50° INC / 250.00° AZM
12,075.4	11,933.0	-1,323.3	-730.5	TD @ 12075.4' MD / 11933.0' TVD