

Project: Garfield County, CO  
 Site: BJU B26 496 Pad  
 Well: BJU B26 FED 11C-26 496  
 Wellbore: Wellbore #1  
 Design: Design #1  
 Latitude: 39.677556  
 Longitude: -108.137798  
 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 11C-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	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.0	Build 3°/100'
433.4	7.00	311.92	432.8	9.5	-10.6	3.00	311.92	14.2	EOB @ 7.00° INC / 311.92° AZM
6694.5	7.00	311.92	6647.2	519.3	-578.5	0.00	0.00	773.2	Drop 3°/100'
6927.8	0.00	0.00	6880.0	528.9	-589.1	3.00	180.00	787.3	EOD @ 0.00° INC / 0.00° AZM
8152.8	0.00	0.00	8105.0	528.9	-589.1	0.00	0.00	787.3	Build 1.5°/100'
8421.0	1.48	250.00	8203.3	528.4	-590.3	1.50	250.00	788.0	EOB @ 1.48° INC / 250.00° AZM
11337.0	1.48	250.00	12037.0	494.6	-683.1	0.00	0.00	843.4	TD @ 12086.1' MD / 12037.0' TVD

## FORMATION TOP DETAILS

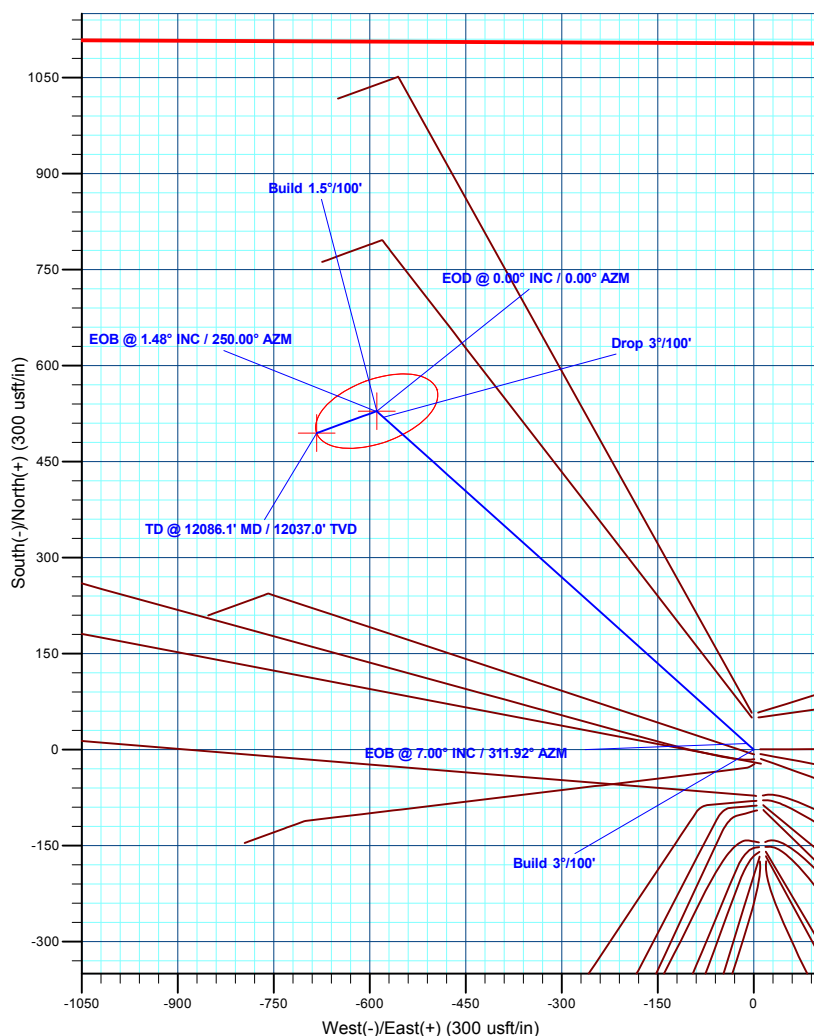
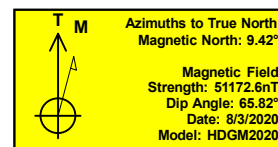
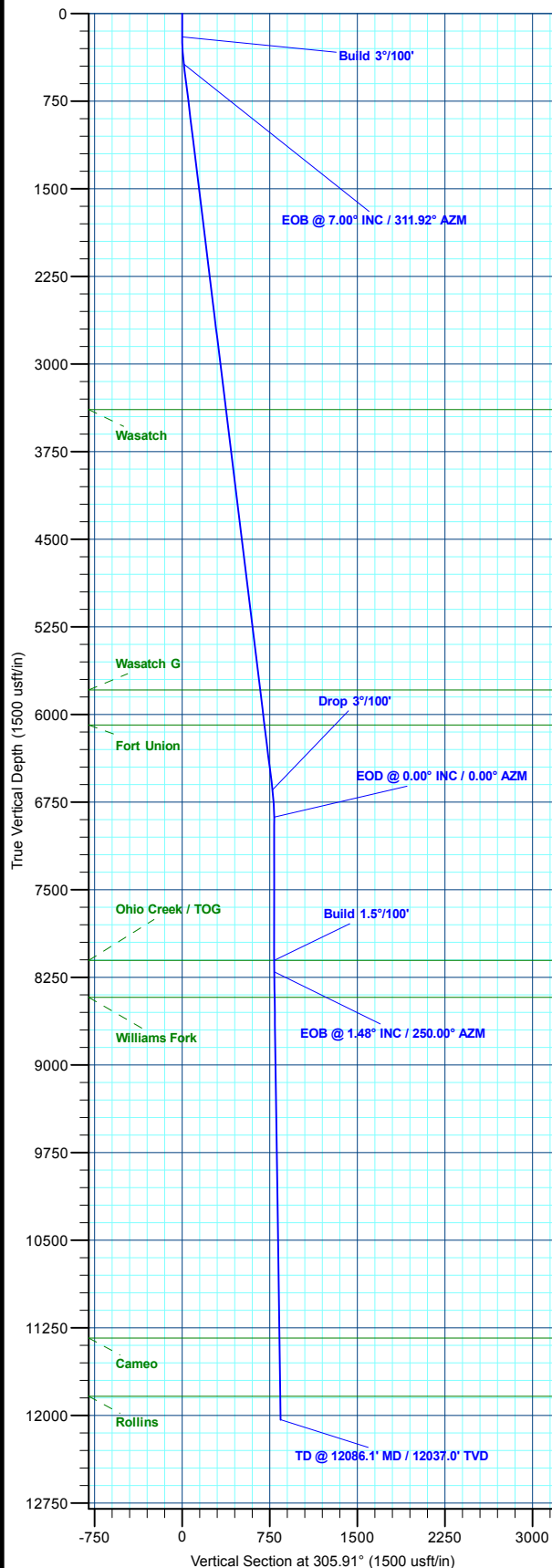
TVDPath	MDPath	Formation
3391.0	3413.8	Wasatch
5791.0	5831.8	Wasatch G
6091.0	6134.1	Fort Union
8105.0	8152.8	Ohio Creek / TOG
8421.0	8468.9	Williams Fork
11337.0	11385.9	Cameo
11837.0	11886.1	Rollins

## DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
11C-26 - OHCR	8105.0	528.9	-589.1	14421994.49	2445214.33	39.679007	-108.139890
11C-26 - PBHL	12037.0	494.6	-683.1	14421957.30	2445121.50	39.678913	-108.140224

## WELL DETAILS: BJU B26 FED 11C-26 496

+N/-S	+E/-W	Ground Level : 8211.0	Northing	Easting	Latitude	Longitude
0.0	0.0		14421484.70	2445820.00	39.677556	-108.137798



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

Created By: Will Jircik

Date: 12:49, August 06 2020



## **Caerus Oil & Gas**

**Garfield County, CO**

**BJU B26 496 Pad**

**BJU B26 FED 11C-26 496 - Slot BJU B26 FED 11C-26 496**

**Wellbore #1**

**Plan: Design #1**

## **QES Well Planning Report**

**06 August, 2020**



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU B26 FED 11C-26 496 - Slot BJU B26 FED 11C-26 496
<b>Company:</b>	Caerus Oil & Gas	<b>TVD Reference:</b>	RKB @ 8241.0usft (30')
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	RKB @ 8241.0usft (30')
<b>Site:</b>	BJU B26 496 Pad	<b>North Reference:</b>	True
<b>Well:</b>	BJU B26 FED 11C-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

<b>Project</b>	Garfield County, CO		
<b>Map System:</b>	Universal Transverse Mercator (US Survey Fee	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 - Western US		
<b>Map Zone:</b>	Zone 12N (114 W to 108 W)		

<b>Site</b>	BJU B26 496 Pad		
<b>Site Position:</b>		<b>Northing:</b>	14,421,469.70 usft
<b>From:</b>	Map	<b>Easting:</b>	2,445,821.30 usft
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "
		<b>Latitude:</b>	39.677515
		<b>Longitude:</b>	-108.137796
		<b>Grid Convergence:</b>	1.83 °

<b>Well</b>	BJU B26 FED 11C-26 496 - Slot BJU B26 FED 11C-26 496		
<b>Well Position</b>	<b>+N/-S</b>	15.0 usft	<b>Northing:</b> 14,421,484.70 usft
	<b>+E/-W</b>	-0.8 usft	<b>Easting:</b> 2,445,820.00 usft
<b>Position Uncertainty</b>		0.0 usft	<b>Wellhead Elevation:</b>
			<b>Ground Level:</b> 8,211.0 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	HDGM2020	8/3/2020	9.42	65.82	51,172.60000000

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	305.91

<b>Plan Sections</b>										
<b>Measured Depth (usft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Dogleg Rate (°/100usft)</b>	<b>Build Rate (°/100usft)</b>	<b>Turn Rate (°/100usft)</b>	<b>TFO (°)</b>	<b>Target</b>
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.00	
433.4	7.00	311.92	432.8	9.5	-10.6	3.00	3.00	0.00	311.92	
6,694.5	7.00	311.92	6,647.2	519.3	-578.5	0.00	0.00	0.00	0.00	
6,927.8	0.00	0.00	6,880.0	528.9	-589.1	3.00	-3.00	0.00	180.00	
8,152.8	0.00	0.00	8,105.0	528.9	-589.1	0.00	0.00	0.00	0.00	11C-26 - OHCR
8,251.2	1.48	250.00	8,203.3	528.4	-590.3	1.50	1.50	-111.84	250.00	
12,086.1	1.48	250.00	12,037.0	494.6	-683.1	0.00	0.00	0.00	0.00	11C-26 - PBHL

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU B26 FED 11C-26 496 - Slot BJU B26 FED 11C-26 496
<b>Company:</b>	Caerus Oil & Gas	<b>TVD Reference:</b>	RKB @ 8241.0usft (30')
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	RKB @ 8241.0usft (30')
<b>Site:</b>	BJU B26 496 Pad	<b>North Reference:</b>	True
<b>Well:</b>	BJU B26 FED 11C-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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
<b>Build 3°/100'</b>									
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	3.00	311.92	300.0	1.7	-1.9	2.6	3.00	3.00	0.00
400.0	6.00	311.92	399.6	7.0	-7.8	10.4	3.00	3.00	0.00
<b>EOB @ 7.00° INC / 311.92° AZM</b>									
433.4	7.00	311.92	432.8	9.5	-10.6	14.2	3.00	3.00	0.00
500.0	7.00	311.92	498.9	14.9	-16.6	22.2	0.00	0.00	0.00
600.0	7.00	311.92	598.2	23.1	-25.7	34.4	0.00	0.00	0.00
700.0	7.00	311.92	697.4	31.2	-34.8	46.5	0.00	0.00	0.00
800.0	7.00	311.92	796.7	39.4	-43.9	58.6	0.00	0.00	0.00
900.0	7.00	311.92	895.9	47.5	-52.9	70.7	0.00	0.00	0.00
1,000.0	7.00	311.92	995.2	55.7	-62.0	82.9	0.00	0.00	0.00
1,100.0	7.00	311.92	1,094.4	63.8	-71.1	95.0	0.00	0.00	0.00
1,200.0	7.00	311.92	1,193.7	71.9	-80.1	107.1	0.00	0.00	0.00
1,300.0	7.00	311.92	1,293.0	80.1	-89.2	119.2	0.00	0.00	0.00
1,400.0	7.00	311.92	1,392.2	88.2	-98.3	131.3	0.00	0.00	0.00
1,500.0	7.00	311.92	1,491.5	96.4	-107.3	143.5	0.00	0.00	0.00
1,600.0	7.00	311.92	1,590.7	104.5	-116.4	155.6	0.00	0.00	0.00
1,700.0	7.00	311.92	1,690.0	112.7	-125.5	167.7	0.00	0.00	0.00
1,800.0	7.00	311.92	1,789.2	120.8	-134.6	179.8	0.00	0.00	0.00
1,900.0	7.00	311.92	1,888.5	128.9	-143.6	192.0	0.00	0.00	0.00
2,000.0	7.00	311.92	1,987.7	137.1	-152.7	204.1	0.00	0.00	0.00
2,100.0	7.00	311.92	2,087.0	145.2	-161.8	216.2	0.00	0.00	0.00
2,200.0	7.00	311.92	2,186.2	153.4	-170.8	228.3	0.00	0.00	0.00
2,300.0	7.00	311.92	2,285.5	161.5	-179.9	240.4	0.00	0.00	0.00
2,400.0	7.00	311.92	2,384.8	169.7	-189.0	252.6	0.00	0.00	0.00
2,500.0	7.00	311.92	2,484.0	177.8	-198.0	264.7	0.00	0.00	0.00
2,600.0	7.00	311.92	2,583.3	185.9	-207.1	276.8	0.00	0.00	0.00
2,700.0	7.00	311.92	2,682.5	194.1	-216.2	288.9	0.00	0.00	0.00
2,800.0	7.00	311.92	2,781.8	202.2	-225.3	301.1	0.00	0.00	0.00
2,900.0	7.00	311.92	2,881.0	210.4	-234.3	313.2	0.00	0.00	0.00
3,000.0	7.00	311.92	2,980.3	218.5	-243.4	325.3	0.00	0.00	0.00
3,100.0	7.00	311.92	3,079.5	226.7	-252.5	337.4	0.00	0.00	0.00
3,200.0	7.00	311.92	3,178.8	234.8	-261.5	349.5	0.00	0.00	0.00
3,300.0	7.00	311.92	3,278.0	242.9	-270.6	361.7	0.00	0.00	0.00
3,400.0	7.00	311.92	3,377.3	251.1	-279.7	373.8	0.00	0.00	0.00
<b>Wasatch</b>									
3,413.8	7.00	311.92	3,391.0	252.2	-280.9	375.5	0.00	0.00	0.00
3,500.0	7.00	311.92	3,476.6	259.2	-288.8	385.9	0.00	0.00	0.00
3,600.0	7.00	311.92	3,575.8	267.4	-297.8	398.0	0.00	0.00	0.00
3,700.0	7.00	311.92	3,675.1	275.5	-306.9	410.2	0.00	0.00	0.00
3,800.0	7.00	311.92	3,774.3	283.7	-316.0	422.3	0.00	0.00	0.00
3,900.0	7.00	311.92	3,873.6	291.8	-325.0	434.4	0.00	0.00	0.00
4,000.0	7.00	311.92	3,972.8	299.9	-334.1	446.5	0.00	0.00	0.00
4,100.0	7.00	311.92	4,072.1	308.1	-343.2	458.6	0.00	0.00	0.00
4,200.0	7.00	311.92	4,171.3	316.2	-352.2	470.8	0.00	0.00	0.00
4,300.0	7.00	311.92	4,270.6	324.4	-361.3	482.9	0.00	0.00	0.00
4,400.0	7.00	311.92	4,369.8	332.5	-370.4	495.0	0.00	0.00	0.00
4,500.0	7.00	311.92	4,469.1	340.7	-379.5	507.1	0.00	0.00	0.00
4,600.0	7.00	311.92	4,568.4	348.8	-388.5	519.3	0.00	0.00	0.00
4,700.0	7.00	311.92	4,667.6	356.9	-397.6	531.4	0.00	0.00	0.00

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU B26 FED 11C-26 496 - Slot BJU B26 FED 11C-26 496
<b>Company:</b>	Caerus Oil & Gas	<b>TVD Reference:</b>	RKB @ 8241.0usft (30')
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	RKB @ 8241.0usft (30')
<b>Site:</b>	BJU B26 496 Pad	<b>North Reference:</b>	True
<b>Well:</b>	BJU B26 FED 11C-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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	7.00	311.92	4,766.9	365.1	-406.7	543.5	0.00	0.00	0.00
4,900.0	7.00	311.92	4,866.1	373.2	-415.7	555.6	0.00	0.00	0.00
5,000.0	7.00	311.92	4,965.4	381.4	-424.8	567.7	0.00	0.00	0.00
5,100.0	7.00	311.92	5,064.6	389.5	-433.9	579.9	0.00	0.00	0.00
5,200.0	7.00	311.92	5,163.9	397.7	-442.9	592.0	0.00	0.00	0.00
5,300.0	7.00	311.92	5,263.1	405.8	-452.0	604.1	0.00	0.00	0.00
5,400.0	7.00	311.92	5,362.4	413.9	-461.1	616.2	0.00	0.00	0.00
5,500.0	7.00	311.92	5,461.6	422.1	-470.2	628.4	0.00	0.00	0.00
5,600.0	7.00	311.92	5,560.9	430.2	-479.2	640.5	0.00	0.00	0.00
5,700.0	7.00	311.92	5,660.1	438.4	-488.3	652.6	0.00	0.00	0.00
5,800.0	7.00	311.92	5,759.4	446.5	-497.4	664.7	0.00	0.00	0.00
<b>Wasatch G</b>									
5,831.8	7.00	311.92	5,791.0	449.1	-500.3	668.6	0.00	0.00	0.00
5,900.0	7.00	311.92	5,858.7	454.6	-506.4	676.8	0.00	0.00	0.00
6,000.0	7.00	311.92	5,957.9	462.8	-515.5	689.0	0.00	0.00	0.00
6,100.0	7.00	311.92	6,057.2	470.9	-524.6	701.1	0.00	0.00	0.00
<b>Fort Union</b>									
6,134.1	7.00	311.92	6,091.0	473.7	-527.7	705.2	0.00	0.00	0.00
6,200.0	7.00	311.92	6,156.4	479.1	-533.6	713.2	0.00	0.00	0.00
6,300.0	7.00	311.92	6,255.7	487.2	-542.7	725.3	0.00	0.00	0.00
6,400.0	7.00	311.92	6,354.9	495.4	-551.8	737.5	0.00	0.00	0.00
6,500.0	7.00	311.92	6,454.2	503.5	-560.9	749.6	0.00	0.00	0.00
6,600.0	7.00	311.92	6,553.4	511.6	-569.9	761.7	0.00	0.00	0.00
<b>Drop 3°/100'</b>									
6,694.5	7.00	311.92	6,647.2	519.3	-578.5	773.2	0.00	0.00	0.00
6,700.0	6.84	311.92	6,652.7	519.8	-579.0	773.8	3.00	-3.00	0.00
6,800.0	3.84	311.92	6,752.2	526.0	-585.9	783.1	3.00	-3.00	0.00
6,900.0	0.84	311.92	6,852.2	528.7	-588.9	787.1	3.00	-3.00	0.00
<b>EOD @ 0.00° INC / 0.00° AZM</b>									
6,927.8	0.00	0.00	6,880.0	528.9	-589.1	787.3	3.00	-3.00	0.00
7,000.0	0.00	0.00	6,952.2	528.9	-589.1	787.3	0.00	0.00	0.00
7,100.0	0.00	0.00	7,052.2	528.9	-589.1	787.3	0.00	0.00	0.00
7,200.0	0.00	0.00	7,152.2	528.9	-589.1	787.3	0.00	0.00	0.00
7,300.0	0.00	0.00	7,252.2	528.9	-589.1	787.3	0.00	0.00	0.00
7,400.0	0.00	0.00	7,352.2	528.9	-589.1	787.3	0.00	0.00	0.00
7,500.0	0.00	0.00	7,452.2	528.9	-589.1	787.3	0.00	0.00	0.00
7,600.0	0.00	0.00	7,552.2	528.9	-589.1	787.3	0.00	0.00	0.00
7,700.0	0.00	0.00	7,652.2	528.9	-589.1	787.3	0.00	0.00	0.00
7,800.0	0.00	0.00	7,752.2	528.9	-589.1	787.3	0.00	0.00	0.00
7,900.0	0.00	0.00	7,852.2	528.9	-589.1	787.3	0.00	0.00	0.00
8,000.0	0.00	0.00	7,952.2	528.9	-589.1	787.3	0.00	0.00	0.00
8,100.0	0.00	0.00	8,052.2	528.9	-589.1	787.3	0.00	0.00	0.00
<b>Build 1.5°/100' - Ohio Creek / TOG</b>									
8,152.8	0.00	0.00	8,105.0	528.9	-589.1	787.3	0.00	0.00	0.00
8,200.0	0.71	250.00	8,152.2	528.8	-589.4	787.5	1.50	1.50	0.00
<b>EOB @ 1.48° INC / 250.00° AZM</b>									
8,251.2	1.48	250.00	8,203.3	528.4	-590.3	788.0	1.50	1.50	0.00
8,300.0	1.48	250.00	8,252.1	528.0	-591.5	788.7	0.00	0.00	0.00
8,400.0	1.48	250.00	8,352.1	527.1	-593.9	790.2	0.00	0.00	0.00
<b>Williams Fork</b>									
8,468.9	1.48	250.00	8,421.0	526.5	-595.6	791.2	0.00	0.00	0.00
8,500.0	1.48	250.00	8,452.1	526.2	-596.3	791.6	0.00	0.00	0.00

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU B26 FED 11C-26 496 - Slot BJU B26 FED 11C-26 496
<b>Company:</b>	Caerus Oil & Gas	<b>TVD Reference:</b>	RKB @ 8241.0usft (30')
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	RKB @ 8241.0usft (30')
<b>Site:</b>	BJU B26 496 Pad	<b>North Reference:</b>	True
<b>Well:</b>	BJU B26 FED 11C-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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)
8,600.0	1.48	250.00	8,552.0	525.4	-598.7	793.1	0.00	0.00	0.00
8,700.0	1.48	250.00	8,652.0	524.5	-601.1	794.5	0.00	0.00	0.00
8,800.0	1.48	250.00	8,752.0	523.6	-603.6	795.9	0.00	0.00	0.00
8,900.0	1.48	250.00	8,851.9	522.7	-606.0	797.4	0.00	0.00	0.00
9,000.0	1.48	250.00	8,951.9	521.8	-608.4	798.8	0.00	0.00	0.00
9,100.0	1.48	250.00	9,051.9	520.9	-610.8	800.3	0.00	0.00	0.00
9,200.0	1.48	250.00	9,151.8	520.1	-613.2	801.7	0.00	0.00	0.00
9,300.0	1.48	250.00	9,251.8	519.2	-615.7	803.2	0.00	0.00	0.00
9,400.0	1.48	250.00	9,351.8	518.3	-618.1	804.6	0.00	0.00	0.00
9,500.0	1.48	250.00	9,451.7	517.4	-620.5	806.0	0.00	0.00	0.00
9,600.0	1.48	250.00	9,551.7	516.5	-622.9	807.5	0.00	0.00	0.00
9,700.0	1.48	250.00	9,651.7	515.7	-625.3	808.9	0.00	0.00	0.00
9,800.0	1.48	250.00	9,751.6	514.8	-627.8	810.4	0.00	0.00	0.00
9,900.0	1.48	250.00	9,851.6	513.9	-630.2	811.8	0.00	0.00	0.00
10,000.0	1.48	250.00	9,951.6	513.0	-632.6	813.3	0.00	0.00	0.00
10,100.0	1.48	250.00	10,051.5	512.1	-635.0	814.7	0.00	0.00	0.00
10,200.0	1.48	250.00	10,151.5	511.3	-637.4	816.1	0.00	0.00	0.00
10,300.0	1.48	250.00	10,251.5	510.4	-639.9	817.6	0.00	0.00	0.00
10,400.0	1.48	250.00	10,351.4	509.5	-642.3	819.0	0.00	0.00	0.00
10,500.0	1.48	250.00	10,451.4	508.6	-644.7	820.5	0.00	0.00	0.00
10,600.0	1.48	250.00	10,551.4	507.7	-647.1	821.9	0.00	0.00	0.00
10,700.0	1.48	250.00	10,651.3	506.9	-649.5	823.4	0.00	0.00	0.00
10,800.0	1.48	250.00	10,751.3	506.0	-651.9	824.8	0.00	0.00	0.00
10,900.0	1.48	250.00	10,851.3	505.1	-654.4	826.2	0.00	0.00	0.00
11,000.0	1.48	250.00	10,951.2	504.2	-656.8	827.7	0.00	0.00	0.00
11,100.0	1.48	250.00	11,051.2	503.3	-659.2	829.1	0.00	0.00	0.00
11,200.0	1.48	250.00	11,151.2	502.5	-661.6	830.6	0.00	0.00	0.00
11,300.0	1.48	250.00	11,251.1	501.6	-664.0	832.0	0.00	0.00	0.00
<b>Cameo</b>									
11,385.9	1.48	250.00	11,337.0	500.8	-666.1	833.3	0.00	0.00	0.00
11,400.0	1.48	250.00	11,351.1	500.7	-666.5	833.5	0.00	0.00	0.00
11,500.0	1.48	250.00	11,451.1	499.8	-668.9	834.9	0.00	0.00	0.00
11,600.0	1.48	250.00	11,551.0	498.9	-671.3	836.3	0.00	0.00	0.00
11,700.0	1.48	250.00	11,651.0	498.0	-673.7	837.8	0.00	0.00	0.00
11,800.0	1.48	250.00	11,751.0	497.2	-676.1	839.2	0.00	0.00	0.00
<b>Rollins</b>									
11,886.1	1.48	250.00	11,837.0	496.4	-678.2	840.5	0.00	0.00	0.00
11,900.0	1.48	250.00	11,850.9	496.3	-678.6	840.7	0.00	0.00	0.00
12,000.0	1.48	250.00	11,950.9	495.4	-681.0	842.1	0.00	0.00	0.00
<b>TD @ 12086.1' MD / 12037.0' TVD</b>									
12,086.1	1.48	250.00	12,037.0	494.6	-683.1	843.4	0.00	0.00	0.00

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<b>Company:</b>	Caerus Oil & Gas	<b>TVD Reference:</b>	RKB @ 8241.0usft (30')
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	RKB @ 8241.0usft (30')
<b>Site:</b>	BJU B26 496 Pad	<b>North Reference:</b>	True
<b>Well:</b>	BJU B26 FED 11C-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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
11C-26 - OHCR - plan hits target center - Ellipse (radii L100.0 W50.0 on 250.00 azi)	0.00	0.00	8,105.0	528.9	-589.1	14,421,994.49	2,445,214.33	39.679007	-108.139891
11C-26 - PBHL - plan hits target center - Point	0.00	0.00	12,037.0	494.6	-683.1	14,421,957.30	2,445,121.50	39.678913	-108.140224

#### Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,413.8	3,391.0	Wasatch			
5,831.8	5,791.0	Wasatch G			
6,134.1	6,091.0	Fort Union			
8,152.8	8,105.0	Ohio Creek / TOG			
8,468.9	8,421.0	Williams Fork			
11,385.9	11,337.0	Cameo			
11,886.1	11,837.0	Rollins			

#### Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
200.0	200.0	0.0	0.0	Build 3°/100'
433.4	432.8	9.5	-10.6	EOB @ 7.00° INC / 311.92° AZM
6,694.5	6,647.2	519.3	-578.5	Drop 3°/100'
6,927.8	6,880.0	528.9	-589.1	EOD @ 0.00° INC / 0.00° AZM
8,152.8	8,105.0	528.9	-589.1	Build 1.5°/100'
8,251.2	8,203.3	528.4	-590.3	EOB @ 1.48° INC / 250.00° AZM
12,086.1	12,037.0	494.6	-683.1	TD @ 12086.1' MD / 12037.0' TVD