

BJU G35 FED 14D-35 496  
 Garfield County, CO  
 Q220432 & RM-220407  
 Design #3

Company Name: Caerus Oil & Gas  
 BJU G35 FED 14D-35 496  
 Garfield County, CO  
 Rig: H&P#330  
 Created By: Will Jircik  
 Date: 7:22, May 13 2022

WELL DETAILS: BJU G35 FED 14D-35 496

8164.0					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	14415253.00	2447100.30	39.660350	-108.133961 14D-35

PROJECT DETAILS: Garfield County, CO

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

DESIGN TARGET DETAILS

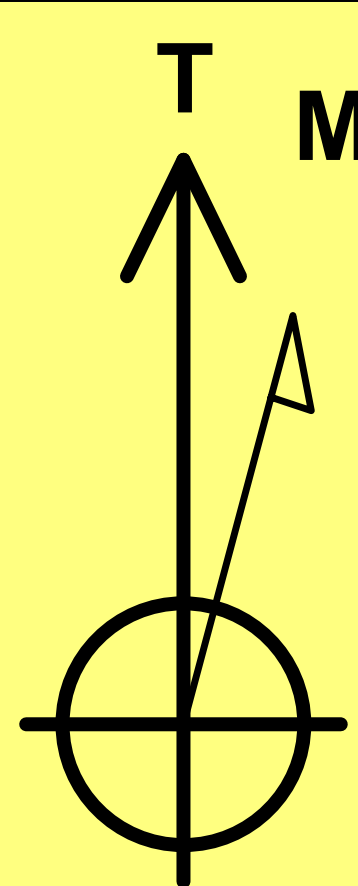
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
14D-35 - OHCR	7792.0	-2007.3	-1586.5	14413196.03	2445578.74	39.654841	-108.139593
14D-35 - PBHL	11552.0	-2078.7	-1656.5	14413122.50	2445511.00	39.654646	-108.139842

DESIGN ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
119.0	0.95	270.11	119.0	-0.1	-0.9	0.6	0.0	Conductor Tie in
147.4	1.00	218.30	147.4	-0.3	-1.3	1.0	0.5	EOB @ 1.00° Inc. / 218.35° Azm
350.0	1.00	218.30	350.0	-3.1	-3.5	4.6	4.0	Build 3° / 100'
1004.8	20.64	218.30	990.0	-99.1	-79.3	126.9	126.4	EOB @ 20.64° Inc. / 218.30° Azm
7554.0	20.64	218.30	7118.7	-1911.1	-1510.5	2435.9	2435.4	Drop 3° / 100'
8242.2	0.00	0.00	7792.0	-2007.3	-1586.5	2558.5	2558.0	EOD @ Vertical / Build 1.5° / 100'
8345.1	1.54	224.48	7894.9	-2008.3	-1587.5	2559.9	2559.4	EOB @ 1.54° Inc. / 224.48° Azm
12003.5	1.54	224.48	11552.0	-2078.7	-1656.5	2658.0	2658.0	TD @ 12003.5' MD / 11552.0' TVD

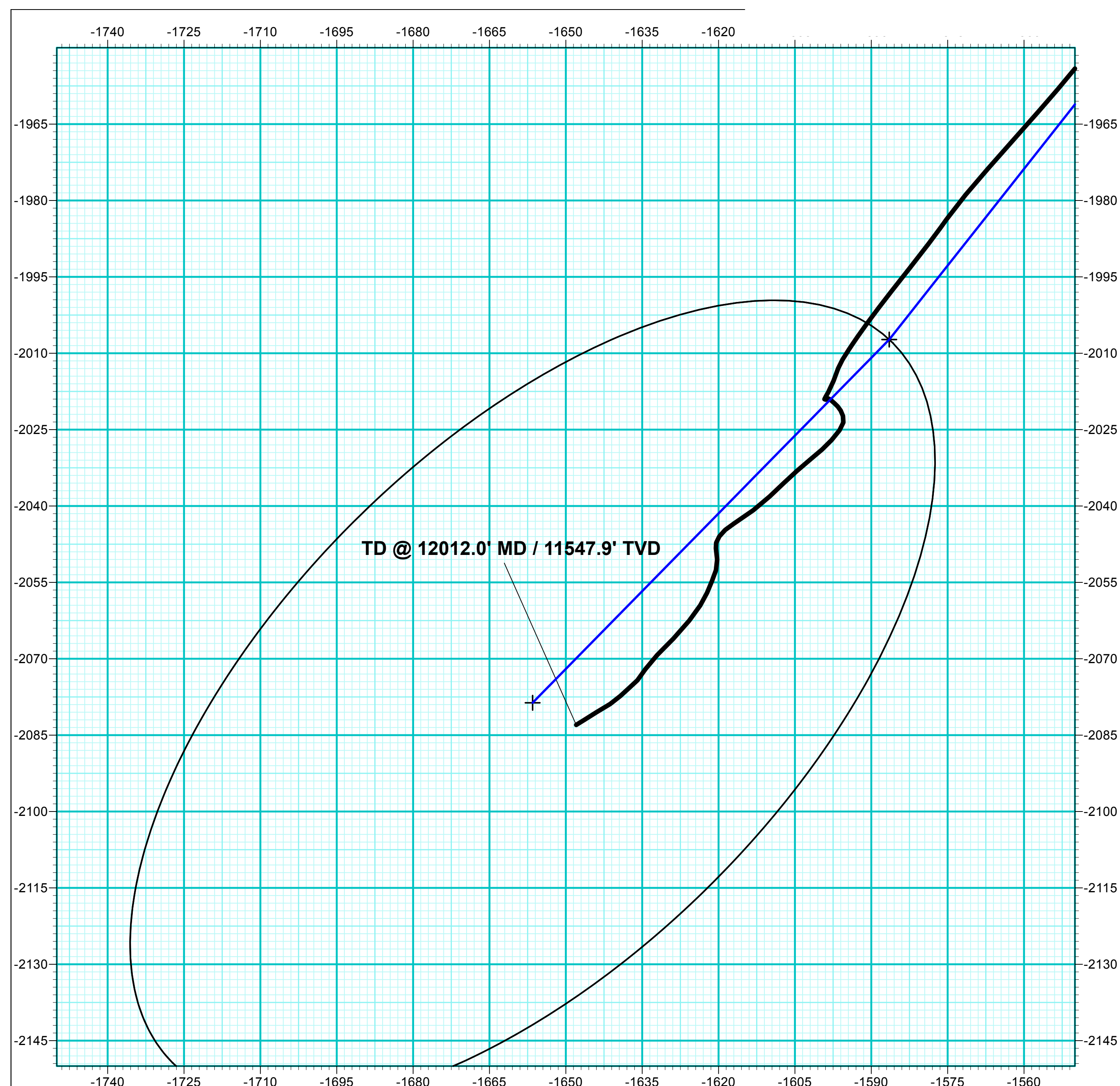
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
2450.0	2575.7	Wasatch
5460.0	5751.6	Wasatch G
5795.0	6139.5	Fort Union
7792.0	8242.2	Ohio Creek
7792.0	8242.2	TOG
8037.0	8487.2	Williams Fork
10744.0	11195.2	Cameo
11352.0	11803.4	Rollins



Azimuths to True North  
 Magnetic North: 9.23°

Strength: 51090.1nT  
 Dip Angle: 65.72°  
 Date: 5/5/2022  
 Model: HDGM2022



TD @ 12012.0' MD / 11547.9' TVD

DESIGN ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
119.0	0.95	270.11	119.0	-0.1	-0.9	0.6	0.0	Conductor Tie in
147.4	1.00	218.30	147.4	-0.3	-1.3	1.0	0.5	EOB @ 1.00° Inc. / 218.35° Azm
350.0	1.00	218.30	350.0	-3.1	-3.5	4.6	4.0	Build 3° / 100'
1004.8	20.64	218.30	990.0	-99.1	-79.3	126.9	126.4	EOB @ 20.64° Inc. / 218.30° Azm
7554.0	20.64	218.30	7118.7	-1911.1	-1510.5	2435.9	2435.4	Drop 3° / 100'
8242.2	0.00	0.00	7792.0	-2007.3	-1586.5	2558.5	2558.0	EOD @ Vertical / Build 1.5° / 100'
8345.1	1.54	224.48	7894.9	-2008.3	-1587.5	2559.9	2559.4	EOB @ 1.54° Inc. / 224.48° Azm
12003.5	1.54	224.48	11552.0	-2078.7	-1656.5	2658.0	2658.0	TD @ 12003.5' MD / 11552.0' TVD

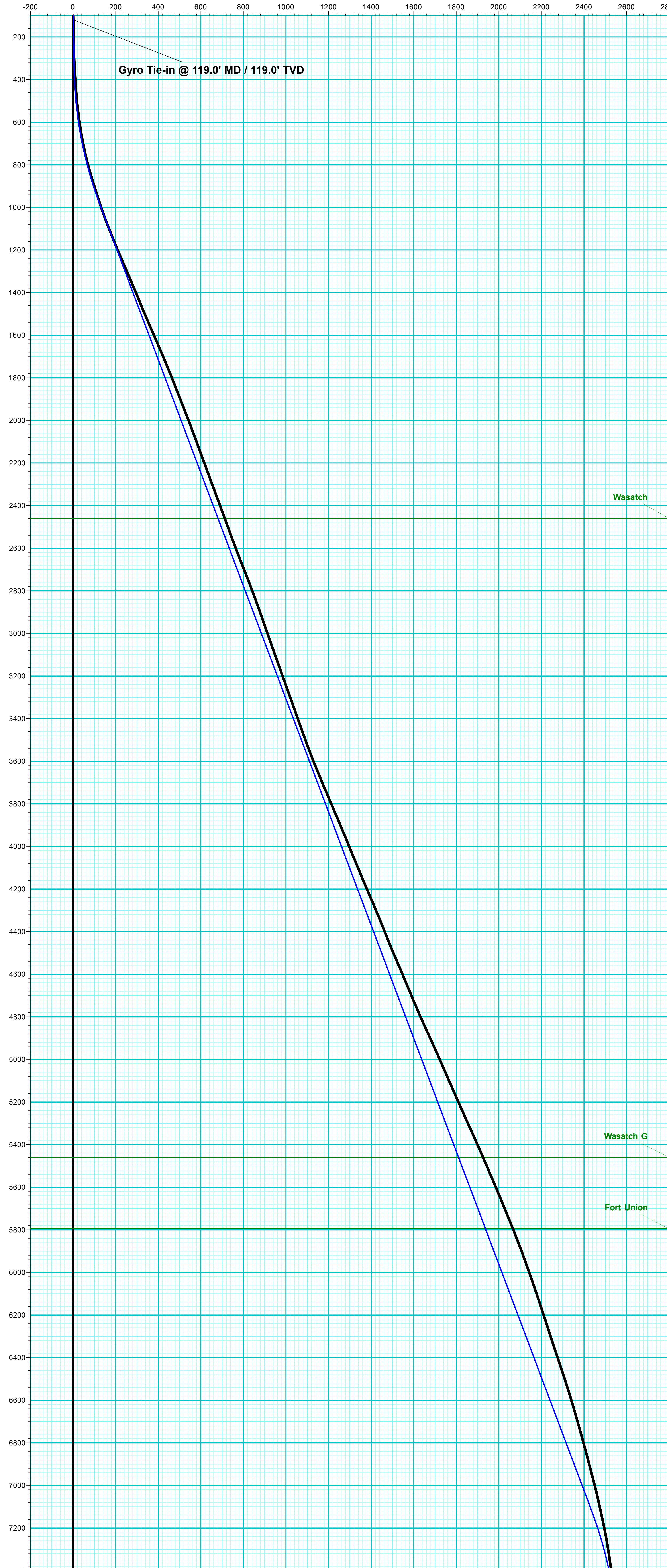
ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
119.0	0.95	270.11	119.0	-0.1	-0.9	0.6	0.9	Gyro Tie-in @ 119.0' MD / 119.0' TVD
12012.0	1.90	238.50	11547.9	-2083.0	-1648.0	2656.1	2668.7	TD @ 12012.0' MD / 11547.9' TVD

Gyro Tie-in @ 119.0' MD / 119.0' TVD



TD @ 12012.0' MD / 11547.9' TVD



Gyro Tie-in @ 119.0' MD / 119.0' TVD

Wasatch

Wasatch G

Fort Union

TOG

Ohio Creek

Williams Fork

Cameo

Rollins

TD @ 12012.0' MD / 11547.9' TVD

Vertical Section at 218.55° (200 usft/in)



## **Caerus Oil & Gas**

**Garfield County, CO**

**NPM G35 496 Pad**

**BJU G35 FED 14D-35 496 - Slot 14D-35**

**Wellbore #1**

**Design: Wellbore #1**

## **KLX Survey Report**

**13 May, 2022**



<b>Company:</b>	Caerus Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well BJU G35 FED 14D-35 496 - Slot 14D-35
<b>Project:</b>	Garfield County, CO	<b>TVD Reference:</b>	RKB @ 8194.0usft (H&P#330)
<b>Site:</b>	NPM G35 496 Pad	<b>MD Reference:</b>	RKB @ 8194.0usft (H&P#330)
<b>Well:</b>	BJU G35 FED 14D-35 496	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db

<b>Project</b>	Garfield County, CO		
<b>Map System:</b>	Universal Transverse Mercator (US Survey Feet)	<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>	NPM G35 496 Pad				
<b>Site Position:</b>		<b>Northing:</b>	14,415,365.20 usft	<b>Latitude:</b>	39.660667
<b>From:</b>	Map	<b>Easting:</b>	2,447,000.80 usft	<b>Longitude:</b>	-108.134301
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	1.83 °

<b>Well</b>	BJU G35 FED 14D-35 496 - Slot 14D-35					
<b>Well Position</b>	<b>+N/-S</b>	0.0 usft	<b>Northing:</b>	14,415,253.00 usft	<b>Latitude:</b>	39.660351
	<b>+E/-W</b>	0.0 usft	<b>Easting:</b>	2,447,100.30 usft	<b>Longitude:</b>	-108.133961
<b>Position Uncertainty</b>		0.0 usft	<b>Wellhead Elevation:</b>	usft	<b>Ground Level:</b>	8,164.0 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>
	HDGM2022	5/5/2022	9.23	65.72	51,090.10000000

<b>Design</b>	Wellbore #1				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<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	218.35	

<b>Survey Program</b>	<b>Date</b>	5/13/2022			
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
30.0	119.0	Sfc Gyro (Wellbore #1)	GYRO-NS	OWSG Gyrocompass Gyro	
240.0	12,012.0	KLX MWD (Wellbore #1)	MWD	OWSG MWD - Standard	

<b>Survey</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>Vertical Section (usft)</b>	<b>Dogleg Rate (°/100usft)</b>	<b>Build Rate (°/100usft)</b>	<b>Turn Rate (°/100usft)</b>	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
30.0	0.00	0.00	30.0	0.0	0.0	0.0	0.00	0.00	0.00	
60.0	0.51	254.19	60.0	0.0	-0.1	0.1	1.70	1.70	0.00	
90.0	0.80	265.47	90.0	-0.1	-0.5	0.4	1.05	0.97	37.60	
<b>Gyro Tie-in @ 119.0' MD / 119.0' TVD</b>										
119.0	0.95	270.11	119.0	-0.1	-0.9	0.6	0.57	0.52	16.00	
240.0	1.80	242.00	240.0	-1.0	-3.6	3.0	0.88	0.70	-23.23	
331.0	2.90	241.10	330.9	-2.8	-6.9	6.4	1.21	1.21	-0.99	
422.0	4.10	229.70	421.7	-6.0	-11.4	11.8	1.52	1.32	-12.53	
514.0	6.00	227.70	513.4	-11.4	-17.4	19.7	2.07	2.07	-2.17	

<b>Company:</b>	Caerus Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well BJU G35 FED 14D-35 496 - Slot 14D-35
<b>Project:</b>	Garfield County, CO	<b>TVD Reference:</b>	RKB @ 8194.0usft (H&P#330)
<b>Site:</b>	NPM G35 496 Pad	<b>MD Reference:</b>	RKB @ 8194.0usft (H&P#330)
<b>Well:</b>	BJU G35 FED 14D-35 496	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db

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)	
609.0	8.30	226.80	607.6	-19.4	-26.1	31.4	2.42	2.42	-0.95	
703.0	11.30	221.60	700.2	-30.9	-37.2	47.3	3.32	3.19	-5.53	
798.0	14.60	217.40	792.8	-47.4	-50.6	68.6	3.61	3.47	-4.42	
892.0	17.50	214.80	883.1	-68.4	-65.9	94.5	3.18	3.09	-2.77	
987.0	17.80	212.80	973.7	-92.4	-81.9	123.3	0.71	0.32	-2.11	
1,081.0	20.90	213.30	1,062.3	-118.5	-98.9	154.3	3.30	3.30	0.53	
1,176.0	22.30	215.10	1,150.7	-147.4	-118.6	189.1	1.63	1.47	1.89	
1,271.0	23.30	215.60	1,238.2	-177.4	-139.9	225.9	1.07	1.05	0.53	
1,365.0	23.40	216.70	1,324.5	-207.5	-161.8	263.1	0.48	0.11	1.17	
1,460.0	22.60	218.50	1,412.0	-236.9	-184.5	300.2	1.12	-0.84	1.89	
1,554.0	22.60	218.10	1,498.8	-265.2	-206.9	336.4	0.16	0.00	-0.43	
1,649.0	23.60	217.30	1,586.2	-294.7	-229.7	373.6	1.10	1.05	-0.84	
1,743.0	23.50	218.10	1,672.3	-324.4	-252.6	411.2	0.36	-0.11	0.85	
1,838.0	21.90	219.10	1,760.0	-353.1	-275.5	447.8	1.73	-1.68	1.05	
1,932.0	21.70	217.70	1,847.2	-380.5	-297.2	482.8	0.59	-0.21	-1.49	
2,027.0	21.40	218.90	1,935.6	-407.8	-318.8	517.6	0.56	-0.32	1.26	
2,122.0	20.80	218.60	2,024.2	-434.5	-340.2	551.8	0.64	-0.63	-0.32	
2,216.0	20.00	218.80	2,112.3	-460.1	-360.7	584.6	0.85	-0.85	0.21	
2,311.0	20.00	218.40	2,201.6	-485.5	-381.0	617.1	0.14	0.00	-0.42	
2,405.0	20.40	218.10	2,289.8	-511.0	-401.1	649.6	0.44	0.43	-0.32	
2,499.0	20.30	219.80	2,378.0	-536.4	-421.6	682.2	0.64	-0.11	1.81	
2,594.0	20.20	217.70	2,467.1	-562.0	-442.2	715.1	0.77	-0.11	-2.21	
2,689.0	20.20	218.30	2,556.2	-587.9	-462.4	747.9	0.22	0.00	0.63	
2,783.0	21.40	222.20	2,644.1	-613.3	-484.0	781.3	1.95	1.28	4.15	
2,878.0	21.50	222.30	2,732.5	-639.0	-507.3	815.9	0.11	0.11	0.11	
2,996.0	20.00	219.60	2,842.9	-670.6	-534.7	857.7	1.51	-1.27	-2.29	
3,072.0	19.40	216.90	2,914.4	-690.7	-550.6	883.3	1.43	-0.79	-3.55	
3,168.0	19.00	215.60	3,005.1	-716.1	-569.3	914.8	0.61	-0.42	-1.35	
3,262.0	19.80	216.50	3,093.8	-741.4	-587.6	946.0	0.91	0.85	0.96	
3,357.0	19.60	216.40	3,183.2	-767.1	-606.7	978.0	0.21	-0.21	-0.11	
3,451.0	20.10	218.30	3,271.6	-792.5	-626.0	1,009.9	0.87	0.53	2.02	
3,546.0	19.20	218.50	3,361.1	-817.5	-645.9	1,041.9	0.95	-0.95	0.21	
3,641.0	19.70	217.70	3,450.7	-842.4	-665.4	1,073.5	0.60	0.53	-0.84	
3,735.0	20.30	217.50	3,539.0	-867.9	-685.0	1,105.7	0.64	0.64	-0.21	
3,830.0	22.20	218.70	3,627.5	-895.0	-706.3	1,140.1	2.05	2.00	1.26	
3,924.0	22.80	218.10	3,714.4	-923.2	-728.6	1,176.1	0.68	0.64	-0.64	
4,019.0	23.70	219.80	3,801.7	-952.3	-752.2	1,213.6	1.18	0.95	1.79	
4,114.0	22.90	220.60	3,888.9	-981.0	-776.4	1,251.1	0.91	-0.84	0.84	
4,208.0	21.90	221.60	3,975.8	-1,008.0	-800.0	1,286.9	1.14	-1.06	1.06	
4,303.0	23.10	220.40	4,063.6	-1,035.5	-823.8	1,323.2	1.35	1.26	-1.26	
4,397.0	22.30	220.50	4,150.3	-1,063.1	-847.4	1,359.5	0.85	-0.85	0.11	
4,492.0	23.50	217.30	4,237.8	-1,091.9	-870.5	1,396.4	1.82	1.26	-3.37	
4,586.0	22.40	216.60	4,324.4	-1,121.2	-892.6	1,433.1	1.21	-1.17	-0.74	

<b>Company:</b>	Caerus Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well BJU G35 FED 14D-35 496 - Slot 14D-35
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<b>Site:</b>	NPM G35 496 Pad	<b>MD Reference:</b>	RKB @ 8194.0usft (H&P#330)
<b>Well:</b>	BJU G35 FED 14D-35 496	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db

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)	
4,681.0	21.70	218.10	4,412.4	-1,149.5	-914.2	1,468.7	0.95	-0.74	1.58	
4,776.0	23.00	219.60	4,500.3	-1,177.6	-936.9	1,504.8	1.49	1.37	1.58	
4,870.0	23.20	220.00	4,586.8	-1,206.0	-960.5	1,541.7	0.27	0.21	0.43	
4,965.0	22.50	221.00	4,674.3	-1,234.0	-984.4	1,578.6	0.84	-0.74	1.05	
5,060.0	23.20	219.60	4,761.8	-1,262.2	-1,008.3	1,615.4	0.93	0.74	-1.47	
5,154.0	24.50	219.20	4,847.8	-1,291.5	-1,032.4	1,653.4	1.39	1.38	-0.43	
5,249.0	24.70	219.70	4,934.2	-1,322.1	-1,057.5	1,693.0	0.30	0.21	0.53	
5,344.0	23.30	218.90	5,021.0	-1,352.0	-1,082.0	1,731.6	1.51	-1.47	-0.84	
5,439.0	24.00	218.60	5,108.0	-1,381.7	-1,105.9	1,769.7	0.75	0.74	-0.32	
5,533.0	23.50	218.40	5,194.0	-1,411.3	-1,129.4	1,807.6	0.54	-0.53	-0.21	
5,628.0	24.00	217.80	5,281.0	-1,441.4	-1,153.0	1,845.8	0.58	0.53	-0.63	
5,722.0	24.60	216.10	5,366.7	-1,472.3	-1,176.3	1,884.5	0.98	0.64	-1.81	
5,817.0	23.60	216.50	5,453.4	-1,503.6	-1,199.2	1,923.3	1.07	-1.05	0.42	
5,911.0	22.90	216.70	5,539.7	-1,533.4	-1,221.4	1,960.3	0.75	-0.74	0.21	
6,006.0	22.80	215.00	5,627.3	-1,563.3	-1,243.0	1,997.2	0.70	-0.11	-1.79	
6,101.0	22.50	215.00	5,715.0	-1,593.2	-1,264.0	2,033.7	0.32	-0.32	0.00	
6,195.0	21.70	215.10	5,802.1	-1,622.2	-1,284.3	2,069.0	0.85	-0.85	0.11	
6,290.0	20.60	215.80	5,890.7	-1,650.1	-1,304.1	2,103.3	1.19	-1.16	0.74	
6,385.0	19.30	215.60	5,980.0	-1,676.4	-1,323.1	2,135.6	1.37	-1.37	-0.21	
6,479.0	19.00	217.50	6,068.8	-1,701.2	-1,341.4	2,166.5	0.74	-0.32	2.02	
6,574.0	18.70	220.30	6,158.7	-1,725.1	-1,360.7	2,197.1	1.00	-0.32	2.95	
6,669.0	17.40	219.70	6,249.0	-1,747.6	-1,379.6	2,226.6	1.38	-1.37	-0.63	
6,763.0	18.50	220.60	6,338.4	-1,769.8	-1,398.3	2,255.5	1.21	1.17	0.96	
6,858.0	18.50	220.40	6,428.5	-1,792.7	-1,417.9	2,285.6	0.07	0.00	-0.21	
6,953.0	18.10	221.20	6,518.7	-1,815.3	-1,437.4	2,315.4	0.50	-0.42	0.84	
7,047.0	16.40	219.50	6,608.5	-1,836.5	-1,455.4	2,343.3	1.89	-1.81	-1.81	
7,142.0	15.80	219.50	6,699.7	-1,856.8	-1,472.2	2,369.6	0.63	-0.63	0.00	
7,237.0	15.40	218.60	6,791.2	-1,876.7	-1,488.3	2,395.2	0.49	-0.42	-0.95	
7,331.0	14.80	218.30	6,882.0	-1,895.9	-1,503.5	2,419.7	0.64	-0.64	-0.32	
7,426.0	14.70	218.20	6,973.9	-1,914.9	-1,518.5	2,443.8	0.11	-0.11	-0.11	
7,520.0	12.70	218.80	7,065.2	-1,932.3	-1,532.3	2,466.1	2.13	-2.13	0.64	
7,615.0	12.40	218.90	7,157.9	-1,948.4	-1,545.3	2,486.8	0.32	-0.32	0.11	
7,710.0	10.00	221.30	7,251.1	-1,962.5	-1,557.1	2,505.2	2.57	-2.53	2.53	
7,804.0	8.50	221.70	7,343.9	-1,973.8	-1,567.1	2,520.3	1.60	-1.60	0.43	
7,899.0	7.00	216.30	7,438.0	-1,983.7	-1,575.2	2,533.1	1.75	-1.58	-5.68	
7,994.0	5.10	217.60	7,532.5	-1,991.7	-1,581.2	2,543.1	2.01	-2.00	1.37	
8,088.0	5.00	218.60	7,626.1	-1,998.2	-1,586.3	2,551.4	0.14	-0.11	1.06	
8,183.0	4.00	215.70	7,720.8	-2,004.2	-1,590.9	2,558.8	1.08	-1.05	-3.05	
8,278.0	3.40	213.90	7,815.6	-2,009.2	-1,594.4	2,564.9	0.64	-0.63	-1.89	
8,372.0	1.90	202.00	7,909.5	-2,013.0	-1,596.5	2,569.2	1.69	-1.60	-12.66	
8,465.0	1.40	198.20	8,002.5	-2,015.5	-1,597.4	2,571.7	0.55	-0.54	-4.09	
8,561.0	1.50	211.40	8,098.4	-2,017.7	-1,598.5	2,574.1	0.36	0.10	13.75	
8,656.0	0.40	197.70	8,193.4	-2,019.0	-1,599.2	2,575.6	1.17	-1.16	-14.42	

<b>Company:</b>	Caerus Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well BJU G35 FED 14D-35 496 - Slot 14D-35
<b>Project:</b>	Garfield County, CO	<b>TVD Reference:</b>	RKB @ 8194.0usft (H&P#330)
<b>Site:</b>	NPM G35 496 Pad	<b>MD Reference:</b>	RKB @ 8194.0usft (H&P#330)
<b>Well:</b>	BJU G35 FED 14D-35 496	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db

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)	
8,750.0	0.50	55.20	8,287.4	-2,019.1	-1,599.0	2,575.6	0.91	0.11	-151.60	
8,845.0	0.20	99.20	8,382.4	-2,018.9	-1,598.5	2,575.1	0.40	-0.32	46.32	
8,939.0	0.20	132.60	8,476.4	-2,019.0	-1,598.2	2,575.0	0.12	0.00	35.53	
9,034.0	0.40	126.10	8,571.4	-2,019.3	-1,597.8	2,575.0	0.21	0.21	-6.84	
9,129.0	0.50	135.30	8,666.4	-2,019.8	-1,597.2	2,575.0	0.13	0.11	9.68	
9,223.0	0.60	134.70	8,760.4	-2,020.5	-1,596.6	2,575.1	0.11	0.11	-0.64	
9,318.0	0.60	153.80	8,855.4	-2,021.3	-1,596.0	2,575.4	0.21	0.00	20.11	
9,413.0	0.80	160.20	8,950.4	-2,022.3	-1,595.6	2,576.0	0.23	0.21	6.74	
9,507.0	0.80	192.80	9,044.4	-2,023.6	-1,595.5	2,576.9	0.48	0.00	34.68	
9,602.0	1.30	214.40	9,139.4	-2,025.1	-1,596.2	2,578.6	0.66	0.53	22.74	
9,696.0	1.70	222.40	9,233.3	-2,027.0	-1,597.8	2,581.0	0.48	0.43	8.51	
9,791.0	1.50	228.30	9,328.3	-2,028.9	-1,599.7	2,583.7	0.27	-0.21	6.21	
9,886.0	2.10	230.50	9,423.3	-2,030.8	-1,601.9	2,586.6	0.64	0.63	2.32	
9,980.0	2.20	228.50	9,517.2	-2,033.1	-1,604.6	2,590.1	0.13	0.11	-2.13	
10,074.0	2.20	226.60	9,611.1	-2,035.6	-1,607.3	2,593.6	0.08	0.00	-2.02	
10,169.0	2.30	226.30	9,706.0	-2,038.1	-1,610.0	2,597.3	0.11	0.11	-0.32	
10,263.0	2.80	232.80	9,800.0	-2,040.8	-1,613.2	2,601.4	0.61	0.53	6.91	
10,358.0	2.80	238.10	9,894.8	-2,043.5	-1,617.0	2,605.8	0.27	0.00	5.58	
10,453.0	1.90	214.40	9,989.8	-2,046.0	-1,619.9	2,609.6	1.38	-0.95	-24.95	
10,547.0	1.30	168.80	10,083.7	-2,048.3	-1,620.5	2,611.8	1.44	-0.64	-48.51	
10,642.0	1.40	177.50	10,178.7	-2,050.5	-1,620.3	2,613.4	0.24	0.11	9.16	
10,736.0	1.20	197.30	10,272.7	-2,052.6	-1,620.5	2,615.2	0.52	-0.21	21.06	
10,831.0	1.50	203.00	10,367.7	-2,054.7	-1,621.3	2,617.3	0.35	0.32	6.00	
10,925.0	1.60	202.20	10,461.6	-2,057.1	-1,622.3	2,619.8	0.11	0.11	-0.85	
11,020.0	1.80	213.70	10,556.6	-2,059.5	-1,623.6	2,622.5	0.42	0.21	12.11	
11,114.0	2.70	217.40	10,650.5	-2,062.5	-1,625.8	2,626.2	0.97	0.96	3.94	
11,209.0	3.00	225.10	10,745.4	-2,066.0	-1,628.9	2,630.9	0.51	0.32	8.11	
11,303.0	2.50	224.00	10,839.3	-2,069.3	-1,632.1	2,635.4	0.53	-0.53	-1.17	
11,398.0	1.90	213.80	10,934.2	-2,072.1	-1,634.4	2,639.0	0.75	-0.63	-10.74	
11,492.0	1.40	218.90	11,028.2	-2,074.2	-1,636.0	2,641.7	0.55	-0.53	5.43	
11,587.0	1.40	235.50	11,123.1	-2,075.8	-1,637.6	2,644.0	0.43	0.00	17.47	
11,682.0	1.30	218.70	11,218.1	-2,077.3	-1,639.3	2,646.2	0.43	-0.11	-17.68	
11,776.0	1.90	241.00	11,312.1	-2,078.9	-1,641.3	2,648.7	0.91	0.64	23.72	
11,871.0	1.90	237.10	11,407.0	-2,080.5	-1,644.0	2,651.7	0.14	0.00	-4.11	
11,952.0	1.90	238.50	11,488.0	-2,081.9	-1,646.3	2,654.2	0.06	0.00	1.73	
<b>TD @ 12012.0' MD / 11547.9' TVD</b>										
12,012.0	1.90	238.50	11,547.9	-2,083.0	-1,648.0	2,656.1	0.00	0.00	0.00	

<b>Company:</b>	Caerus Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well BJU G35 FED 14D-35 496 - Slot 14D-35
<b>Project:</b>	Garfield County, CO	<b>TVD Reference:</b>	RKB @ 8194.0usft (H&P#330)
<b>Site:</b>	NPM G35 496 Pad	<b>MD Reference:</b>	RKB @ 8194.0usft (H&P#330)
<b>Well:</b>	BJU G35 FED 14D-35 496	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
119.0	119.0	-0.1	-0.9	Gyro Tie-in @ 119.0' MD / 119.0' TVD
12,012.0	11,547.9	-2,083.0	-1,648.0	TD @ 12012.0' MD / 11547.9' TVD