



Ursa Operating Company, LLC

Rio Blanco County, Colorado

BR C-240

BR C-240 FED 31B-25-2-98

Wellbore #1

Plan: Design #1 APD

Standard Planning Report

07 July, 2018



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BR C-240 FED 31B-25-2-98
Company:	Ursa Operating Company, LLC	TVD Reference:	BR C-240 FED 31B-25-2-98 @ 6325.5usft (EST KB)
Project:	Rio Blanco County, Colorado	MD Reference:	BR C-240 FED 31B-25-2-98 @ 6325.5usft (EST KB)
Site:	BR C-240	North Reference:	True
Well:	BR C-240 FED 31B-25-2-98	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1 APD		

Project	Rio Blanco County, Colorado		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site	BR C-240		
Site Position:		Northing:	1,203,233.70 usft
From:	Map	Easting:	2,203,189.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	39.856238800
		Longitude:	-108.338695300
		Grid Convergence:	-1.83 °

Well	BR C-240 FED 31B-25-2-98, SHL: Lat 39.856125605 Long -108.338611990		
Well Position	+N/-S	-41.2 usft	Northing: 1,203,191.74 usft
	+E/-W	23.4 usft	Easting: 2,203,211.06 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	6,325.5 usft
		Ground Level:	6,304.5 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	7/7/2018	9.79	65.80	51,558

Design	Design #1 APD			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	218.76

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	
900.0	0.00	0.00	900.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,351.3	15.79	218.76	1,345.6	-48.2	-38.7	3.50	3.50	0.00	218.76	
5,524.7	15.79	218.76	5,361.4	-933.9	-749.9	0.00	0.00	0.00	0.00	
5,975.9	0.00	0.00	5,807.0	-982.1	-788.6	3.50	-3.50	0.00	180.00	31B-25-2-98 TGT
10,879.9	0.00	0.00	10,711.0	-982.1	-788.6	0.00	0.00	0.00	0.00	

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Site:	BR C-240	North Reference:	True
Well:	BR C-240 FED 31B-25-2-98	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1 APD		

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
0.1	0.00	0.00	0.1	0.0	0.0	0.0	0.00	0.00	0.00
SHL 39.856125605, -108.338611990									
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
475.0	0.00	0.00	475.0	0.0	0.0	0.0	0.00	0.00	0.00
Mahogany Bench									
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
532.0	0.00	0.00	532.0	0.0	0.0	0.0	0.00	0.00	0.00
Dissolution Surface									
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
Start Build 3.50									
1,000.0	3.50	218.76	999.9	-2.4	-1.9	3.1	3.50	3.50	0.00
1,100.0	7.00	218.76	1,099.5	-9.5	-7.6	12.2	3.50	3.50	0.00
1,200.0	10.50	218.76	1,198.3	-21.4	-17.2	27.4	3.50	3.50	0.00
1,300.0	14.00	218.76	1,296.0	-37.9	-30.4	48.6	3.50	3.50	0.00
1,351.3	15.79	218.76	1,345.6	-48.2	-38.7	61.8	3.50	3.50	0.00
Start 4173.4 hold at 1351.3 MD									
1,400.0	15.79	218.76	1,392.5	-58.5	-47.0	75.1	0.00	0.00	0.00
1,500.0	15.79	218.76	1,488.7	-79.8	-64.0	102.3	0.00	0.00	0.00
1,600.0	15.79	218.76	1,584.9	-101.0	-81.1	129.5	0.00	0.00	0.00
1,654.1	15.79	218.76	1,637.0	-112.5	-90.3	144.2	0.00	0.00	0.00
Garden Gulch Mbr									
1,700.0	15.79	218.76	1,681.1	-122.2	-98.1	156.7	0.00	0.00	0.00
1,800.0	15.79	218.76	1,777.4	-143.4	-115.2	183.9	0.00	0.00	0.00
1,828.7	15.79	218.76	1,805.0	-149.5	-120.1	191.8	0.00	0.00	0.00
Wasatch									
1,900.0	15.79	218.76	1,873.6	-164.6	-132.2	211.2	0.00	0.00	0.00
2,000.0	15.79	218.76	1,969.8	-185.9	-149.3	238.4	0.00	0.00	0.00
2,100.0	15.79	218.76	2,066.0	-207.1	-166.3	265.6	0.00	0.00	0.00
2,200.0	15.79	218.76	2,162.3	-228.3	-183.3	292.8	0.00	0.00	0.00
2,300.0	15.79	218.76	2,258.5	-249.5	-200.4	320.0	0.00	0.00	0.00
2,400.0	15.79	218.76	2,354.7	-270.8	-217.4	347.2	0.00	0.00	0.00
2,500.0	15.79	218.76	2,450.9	-292.0	-234.5	374.5	0.00	0.00	0.00
2,600.0	15.79	218.76	2,547.2	-313.2	-251.5	401.7	0.00	0.00	0.00
2,700.0	15.79	218.76	2,643.4	-334.4	-268.5	428.9	0.00	0.00	0.00
2,800.0	15.79	218.76	2,739.6	-355.6	-285.6	456.1	0.00	0.00	0.00
2,900.0	15.79	218.76	2,835.8	-376.9	-302.6	483.3	0.00	0.00	0.00
3,000.0	15.79	218.76	2,932.1	-398.1	-319.7	510.6	0.00	0.00	0.00
3,100.0	15.79	218.76	3,028.3	-419.3	-336.7	537.8	0.00	0.00	0.00
3,200.0	15.79	218.76	3,124.5	-440.5	-353.7	565.0	0.00	0.00	0.00
3,300.0	15.79	218.76	3,220.7	-461.8	-370.8	592.2	0.00	0.00	0.00
3,400.0	15.79	218.76	3,317.0	-483.0	-387.8	619.4	0.00	0.00	0.00
3,500.0	15.79	218.76	3,413.2	-504.2	-404.9	646.6	0.00	0.00	0.00
3,590.2	15.79	218.76	3,500.0	-523.4	-420.2	671.2	0.00	0.00	0.00
Surface Casing									

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Well:	BR C-240 FED 31B-25-2-98	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1 APD		

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)
3,600.0	15.79	218.76	3,509.4	-525.4	-421.9	673.9	0.00	0.00	0.00
3,700.0	15.79	218.76	3,605.6	-546.6	-439.0	701.1	0.00	0.00	0.00
3,800.0	15.79	218.76	3,701.9	-567.9	-456.0	728.3	0.00	0.00	0.00
3,900.0	15.79	218.76	3,798.1	-589.1	-473.0	755.5	0.00	0.00	0.00
4,000.0	15.79	218.76	3,894.3	-610.3	-490.1	782.7	0.00	0.00	0.00
4,100.0	15.79	218.76	3,990.5	-631.5	-507.1	809.9	0.00	0.00	0.00
4,200.0	15.79	218.76	4,086.8	-652.8	-524.2	837.2	0.00	0.00	0.00
4,300.0	15.79	218.76	4,183.0	-674.0	-541.2	864.4	0.00	0.00	0.00
4,365.5	15.79	218.76	4,246.0	-687.9	-552.4	882.2	0.00	0.00	0.00
Ft Union									
4,400.0	15.79	218.76	4,279.2	-695.2	-558.2	891.6	0.00	0.00	0.00
4,500.0	15.79	218.76	4,375.4	-716.4	-575.3	918.8	0.00	0.00	0.00
4,600.0	15.79	218.76	4,471.7	-737.6	-592.3	946.0	0.00	0.00	0.00
4,700.0	15.79	218.76	4,567.9	-758.9	-609.4	973.3	0.00	0.00	0.00
4,800.0	15.79	218.76	4,664.1	-780.1	-626.4	1,000.5	0.00	0.00	0.00
4,900.0	15.79	218.76	4,760.3	-801.3	-643.5	1,027.7	0.00	0.00	0.00
5,000.0	15.79	218.76	4,856.6	-822.5	-660.5	1,054.9	0.00	0.00	0.00
5,100.0	15.79	218.76	4,952.8	-843.8	-677.5	1,082.1	0.00	0.00	0.00
5,200.0	15.79	218.76	5,049.0	-865.0	-694.6	1,109.3	0.00	0.00	0.00
5,300.0	15.79	218.76	5,145.2	-886.2	-711.6	1,136.6	0.00	0.00	0.00
5,400.0	15.79	218.76	5,241.5	-907.4	-728.7	1,163.8	0.00	0.00	0.00
5,500.0	15.79	218.76	5,337.7	-928.7	-745.7	1,191.0	0.00	0.00	0.00
5,524.7	15.79	218.76	5,361.4	-933.9	-749.9	1,197.7	0.00	0.00	0.00
Start Drop -3.50									
5,600.0	13.16	218.76	5,434.4	-948.6	-761.7	1,216.5	3.50	-3.50	0.00
5,700.0	9.66	218.76	5,532.4	-964.0	-774.1	1,236.3	3.50	-3.50	0.00
5,785.5	6.67	218.76	5,617.0	-973.5	-781.7	1,248.5	3.50	-3.50	0.00
Ohio Creek									
5,800.0	6.16	218.76	5,631.4	-974.7	-782.7	1,250.1	3.50	-3.50	0.00
5,900.0	2.66	218.76	5,731.1	-980.7	-787.5	1,257.8	3.50	-3.50	0.00
5,975.9	0.00	0.00	5,807.0	-982.1	-788.6	1,259.5	3.50	-3.50	0.00
Back to Vertical - Start 4904.0 hold at 5975.9 MD - William Fork - Top of Gas - 31B-25-2-98 TGT									
6,000.0	0.00	0.00	5,831.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
6,100.0	0.00	0.00	5,931.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
6,200.0	0.00	0.00	6,031.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
6,300.0	0.00	0.00	6,131.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
6,400.0	0.00	0.00	6,231.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
6,500.0	0.00	0.00	6,331.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
6,600.0	0.00	0.00	6,431.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
6,700.0	0.00	0.00	6,531.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
6,800.0	0.00	0.00	6,631.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
6,900.0	0.00	0.00	6,731.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
7,000.0	0.00	0.00	6,831.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
7,100.0	0.00	0.00	6,931.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
7,200.0	0.00	0.00	7,031.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
7,300.0	0.00	0.00	7,131.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
7,400.0	0.00	0.00	7,231.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
7,500.0	0.00	0.00	7,331.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
7,600.0	0.00	0.00	7,431.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
7,700.0	0.00	0.00	7,531.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00
7,800.0	0.00	0.00	7,631.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00

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Planned Survey										
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7,900.0	0.00	0.00	7,731.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
8,000.0	0.00	0.00	7,831.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
8,100.0	0.00	0.00	7,931.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,031.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,131.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,231.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,331.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
8,600.0	0.00	0.00	8,431.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,531.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,631.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,731.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
9,000.0	0.00	0.00	8,831.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
9,084.9	0.00	0.00	8,916.0	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
Cameo										
9,100.0	0.00	0.00	8,931.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
9,200.0	0.00	0.00	9,031.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
9,300.0	0.00	0.00	9,131.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
9,400.0	0.00	0.00	9,231.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
9,500.0	0.00	0.00	9,331.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
9,600.0	0.00	0.00	9,431.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
9,629.9	0.00	0.00	9,461.0	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
Rollins										
9,700.0	0.00	0.00	9,531.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
9,773.9	0.00	0.00	9,605.0	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
Cozzette										
9,800.0	0.00	0.00	9,631.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
9,900.0	0.00	0.00	9,731.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
10,000.0	0.00	0.00	9,831.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
10,004.9	0.00	0.00	9,836.0	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
Corcoran										
10,100.0	0.00	0.00	9,931.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
10,200.0	0.00	0.00	10,031.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
10,291.9	0.00	0.00	10,123.0	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
Upper Sego										
10,300.0	0.00	0.00	10,131.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
10,400.0	0.00	0.00	10,231.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
10,500.0	0.00	0.00	10,331.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
10,600.0	0.00	0.00	10,431.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
10,700.0	0.00	0.00	10,531.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
10,800.0	0.00	0.00	10,631.1	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
10,879.9	0.00	0.00	10,711.0	-982.1	-788.6	1,259.5	0.00	0.00	0.00	
TD at 10879.9 - BHL 39.8534296, -108.3414208										

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BR C-24O FED 31B-25-2-98
Company:	Ursa Operating Company, LLC	TVD Reference:	BR C-24O FED 31B-25-2-98 @ 6325.5usft (EST KB)
Project:	Rio Blanco County, Colorado	MD Reference:	BR C-24O FED 31B-25-2-98 @ 6325.5usft (EST KB)
Site:	BR C-24O	North Reference:	True
Well:	BR C-24O FED 31B-25-2-98	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1 APD		

Design Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- Shape									
31B-25-2-98 TGT	0.00	0.00	5,807.0	-982.1	-788.6	1,202,235.42	2,202,391.44	39.853429600	-108.341420800
- plan hits target center									
- Rectangle (sides W100.0 H40.0 D4,904.0)									

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
475.0	475.0	Mahogany Bench		0.00	
532.0	532.0	Dissolution Surface		0.00	
1,654.1	1,637.0	Garden Gulch Mbr		0.00	
1,828.7	1,805.0	Wasatch		0.00	
4,365.5	4,246.0	Ft Union		0.00	
5,785.5	5,617.0	Ohio Creek		0.00	
5,975.9	5,807.0	William Fork		0.00	
5,975.9	5,807.0	Top of Gas		0.00	
9,084.9	8,916.0	Cameo		0.00	
9,629.9	9,461.0	Rollins		0.00	
9,773.9	9,605.0	Cozzette		0.00	
10,004.9	9,836.0	Corcoran		0.00	
10,291.9	10,123.0	Upper Sego		0.00	

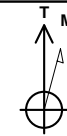
Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
0.1	0.1	0.0	0.0	SHL 39.856125605, -108.338611990
900.0	900.0	0.0	0.0	Start Build 3.50
1,351.3	1,345.6	-48.2	-38.7	Start 4173.4 hold at 1351.3 MD
3,590.2	3,500.0	-523.4	-420.2	Surface Casing
5,524.7	5,361.4	-933.9	-749.9	Start Drop -3.50
5,975.9	5,807.0	-982.1	-788.6	Back to Vertical
5,975.9	5,807.0	-982.1	-788.6	Start 4904.0 hold at 5975.9 MD
10,879.9	10,711.0	-982.1	-788.6	TD at 10879.9
10,879.9	10,711.0	-982.1	-788.6	BHL 39.8534296, -108.3414208



Well Name: BR C-24O FED 31B-25-2-98
Surface Location: BR C-24O
North American Datum 1983, US State Plane 1983, Colorado Northern Zone
Ground Elevation: 6304.5
+N/-S +E/-W Northing Easting Latitude Longitude
0.0 0.0 1203191.75 2203211.06 39.856125605 -108.338611990
EST KB BR C-24O FED 31B-25-2-98 @ 6325.5usft (EST KB)

Slot



Azimuths to True North
Magnetic North: 9.79°
Magnetic Field
Strength: 51557.9snT
Dip Angle: 65.80°
Date: 7/7/2018
Model: IGRF2015

BR C-24O
BR C-24O FED 31B-25-2-98
Design #1 APD
11:30, July 07 2018

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
31B-25-2-98 TGT	5807.0	-982.1	-788.6	1202235.43	2202391.44	39.853429600	-108.341420800	Rectangle (Sides: L40.0 W100.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	900.0	0.00	0.00	900.0	0.0	0.0	0.00	0.00	0.0	
3	1351.3	15.79	218.76	1345.6	-48.2	-38.7	3.50	218.76	61.8	
4	5524.7	15.79	218.76	5361.4	-933.9	-749.9	0.00	0.00	1197.7	
5	5975.9	0.00	0.00	5807.0	-982.1	-788.6	3.50	180.00	1259.5	31B-25-2-98 TGT
6	10879.9	0.00	0.00	10711.0	-982.1	-788.6	0.00	0.00	1259.5	

ANNOTATIONS

TVD	MD	Annotation
0.1	0.1	SHL 39.856125605, -108.338611990
900.0	900.0	Start Build 3.50
1345.6	1351.3	Start 4173.4 hold at 1351.3 MD
3500.0	3590.2	Surface Casing
5361.4	5524.7	Start Drop -3.50
5807.0	5975.9	Back to Vertical
5807.0	5975.9	Start 4904.0 hold at 5975.9 MD
10711.0	10879.9	TD at 10879.9
10711.0	10879.9	BHL 39.8534296, -108.3414208

FORMATION TOP DETAILS

TVDPath	MDPath	Formation	DipAngle	DipDir
475.0	475.0	Mahogany Bench	0.00	
532.0	532.0	Dissolution Surface	0.00	
1637.0	1654.1	Garden Gulch Mbr	0.00	
1805.0	1828.7	Wasatch	0.00	
4246.0	4365.5	Ft Union	0.00	
5617.0	5785.5	Ohio Creek	0.00	
5807.0	5975.9	Top of Gas	0.00	
5807.0	5975.9	William Fork	0.00	
8916.0	9084.9	Cameo	0.00	
9461.0	9629.9	Rollins	0.00	
9605.0	9773.9	Cozzette	0.00	
9836.0	10004.9	Corcoran	0.00	
10123.0	10291.9	Upper Sego	0.00	

