



# **Ursa Operating Company, LLC**

**Rockies Region**

**Monument Ridge B**

**Monument Ridge B 24D-08-07-95**

**Wellbore #1**

**Plan: Design #1**

## **Standard Planning Report**

**12 June, 2015**



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Monument Ridge B 24D-08-07-95
<b>Company:</b>	Ursa Operating Company, LLC	<b>TVD Reference:</b>	Monument Ridge B 24D-08-07-95 @ 5718.8usft (PLAN KB)
<b>Project:</b>	Rockies Region	<b>MD Reference:</b>	Monument Ridge B 24D-08-07-95 @ 5718.8usft (PLAN KB)
<b>Site:</b>	Monument Ridge B	<b>North Reference:</b>	True
<b>Well:</b>	Monument Ridge B 24D-08-07-95	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

<b>Project</b>	Rockies Region		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Colorado Central Zone		

Site		Monument Ridge B			
Site Position:		Northing:	1,596,716.55 usft	Latitude:	39° 26' 40.501 N
From:	Lat/Long	Easting:	2,287,433.43 usft	Longitude:	108° 1' 24.665 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-1.59 °

Well	Monument Ridge B 24D-08-07-95, SHL: 39.447640707 -108.012276376					
Well Position	+N/-S	1,113.7 usft	Northing:	1,597,741.61 usft	Latitude:	39° 26' 51.506 N
	+E/-W	3,174.6 usft	Easting:	2,290,637.74 usft	Longitude:	108° 0' 44.195 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	5,718.8 usft	Ground Level:	5,701.8 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>
	IGRF2010	6/6/2015	9.84	65.59	51,823

<b>Design</b>	Design #1				
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE		<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	255.93	

<b>Plan Sections</b>										
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	
400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,610.7	42.37	255.93	1,503.3	-104.0	-414.8	3.50	3.50	0.00	255.93	
5,188.8	42.37	255.93	4,146.7	-690.4	-2,753.9	0.00	0.00	0.00	0.00	
6,399.5	0.00	0.00	5,250.0	-794.4	-3,168.7	3.50	-3.50	0.00	180.00	
8,133.3	0.00	0.00	6,983.8	-794.4	-3,168.7	0.00	0.00	0.00	0.00	

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<b>Project:</b>	Rockies Region	<b>MD Reference:</b>	Monument Ridge B 24D-08-07-95 @ 5718.8usft (PLAN KB)
<b>Site:</b>	Monument Ridge B	<b>North Reference:</b>	True
<b>Well:</b>	Monument Ridge B 24D-08-07-95	<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
0.1	0.00	0.00	0.1	0.0	0.0	0.0	0.00	0.00	0.00
<b>SHL: 39.447640707, -108.012276376</b>									
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
<b>Start Build 3.50</b>									
500.0	3.50	255.93	499.9	-0.7	-3.0	3.1	3.50	3.50	0.00
600.0	7.00	255.93	599.5	-3.0	-11.8	12.2	3.50	3.50	0.00
700.0	10.50	255.93	698.3	-6.7	-26.6	27.4	3.50	3.50	0.00
800.0	14.00	255.93	796.0	-11.8	-47.2	48.6	3.50	3.50	0.00
900.0	17.50	255.93	892.3	-18.4	-73.5	75.8	3.50	3.50	0.00
1,000.0	21.00	255.93	986.7	-26.4	-105.5	108.7	3.50	3.50	0.00
1,100.0	24.50	255.93	1,078.9	-35.8	-143.0	147.4	3.50	3.50	0.00
1,200.0	28.00	255.93	1,168.5	-46.6	-185.9	191.6	3.50	3.50	0.00
1,300.0	31.50	255.93	1,255.3	-58.7	-234.0	241.2	3.50	3.50	0.00
1,400.0	35.00	255.93	1,339.0	-72.0	-287.2	296.1	3.50	3.50	0.00
1,500.0	38.50	255.93	1,419.1	-86.5	-345.2	355.9	3.50	3.50	0.00
1,600.0	42.00	255.93	1,495.4	-102.3	-407.9	420.5	3.50	3.50	0.00
1,610.7	42.37	255.93	1,503.3	-104.0	-414.8	427.6	3.50	3.50	0.00
<b>Start 3578.2 hold at 1610.7 MD</b>									
1,700.0	42.37	255.93	1,569.3	-118.6	-473.2	487.8	0.00	0.00	0.00
1,800.0	42.37	255.93	1,643.2	-135.0	-538.6	555.2	0.00	0.00	0.00
1,876.9	42.37	255.93	1,700.0	-147.6	-588.9	607.1	0.00	0.00	0.00
<b>Surface Casing</b>									
1,900.0	42.37	255.93	1,717.0	-151.4	-603.9	622.6	0.00	0.00	0.00
2,000.0	42.37	255.93	1,790.9	-167.8	-669.3	690.0	0.00	0.00	0.00
2,100.0	42.37	255.93	1,864.8	-184.2	-734.7	757.4	0.00	0.00	0.00
2,200.0	42.37	255.93	1,938.7	-200.6	-800.1	824.8	0.00	0.00	0.00
2,300.0	42.37	255.93	2,012.5	-217.0	-865.4	892.2	0.00	0.00	0.00
2,400.0	42.37	255.93	2,086.4	-233.4	-930.8	959.6	0.00	0.00	0.00
2,500.0	42.37	255.93	2,160.3	-249.7	-996.2	1,027.0	0.00	0.00	0.00
2,600.0	42.37	255.93	2,234.2	-266.1	-1,061.6	1,094.4	0.00	0.00	0.00
2,700.0	42.37	255.93	2,308.1	-282.5	-1,126.9	1,161.8	0.00	0.00	0.00
2,800.0	42.37	255.93	2,381.9	-298.9	-1,192.3	1,229.2	0.00	0.00	0.00
2,900.0	42.37	255.93	2,455.8	-315.3	-1,257.7	1,296.6	0.00	0.00	0.00
3,000.0	42.37	255.93	2,529.7	-331.7	-1,323.0	1,364.0	0.00	0.00	0.00
3,100.0	42.37	255.93	2,603.6	-348.1	-1,388.4	1,431.4	0.00	0.00	0.00
3,200.0	42.37	255.93	2,677.4	-364.5	-1,453.8	1,498.8	0.00	0.00	0.00
3,300.0	42.37	255.93	2,751.3	-380.9	-1,519.2	1,566.2	0.00	0.00	0.00
3,400.0	42.37	255.93	2,825.2	-397.3	-1,584.5	1,633.6	0.00	0.00	0.00
3,500.0	42.37	255.93	2,899.1	-413.6	-1,649.9	1,701.0	0.00	0.00	0.00
3,600.0	42.37	255.93	2,972.9	-430.0	-1,715.3	1,768.4	0.00	0.00	0.00
3,700.0	42.37	255.93	3,046.8	-446.4	-1,780.7	1,835.8	0.00	0.00	0.00
3,800.0	42.37	255.93	3,120.7	-462.8	-1,846.0	1,903.2	0.00	0.00	0.00
3,900.0	42.37	255.93	3,194.6	-479.2	-1,911.4	1,970.6	0.00	0.00	0.00
4,000.0	42.37	255.93	3,268.5	-495.6	-1,976.8	2,038.0	0.00	0.00	0.00
4,100.0	42.37	255.93	3,342.3	-512.0	-2,042.1	2,105.3	0.00	0.00	0.00
4,200.0	42.37	255.93	3,416.2	-528.4	-2,107.5	2,172.7	0.00	0.00	0.00
4,300.0	42.37	255.93	3,490.1	-544.8	-2,172.9	2,240.1	0.00	0.00	0.00
4,400.0	42.37	255.93	3,564.0	-561.1	-2,238.3	2,307.5	0.00	0.00	0.00

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<b>Project:</b>	Rockies Region	<b>MD Reference:</b>	Monument Ridge B 24D-08-07-95 @ 5718.8usft (PLAN KB)
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<b>Well:</b>	Monument Ridge B 24D-08-07-95	<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)
4,453.9	42.37	255.93	3,603.8	-570.0	-2,273.5	2,343.9	0.00	0.00	0.00
<b>Williams Fork</b>									
4,500.0	42.37	255.93	3,637.8	-577.5	-2,303.6	2,374.9	0.00	0.00	0.00
4,600.0	42.37	255.93	3,711.7	-593.9	-2,369.0	2,442.3	0.00	0.00	0.00
4,700.0	42.37	255.93	3,785.6	-610.3	-2,434.4	2,509.7	0.00	0.00	0.00
4,800.0	42.37	255.93	3,859.5	-626.7	-2,499.8	2,577.1	0.00	0.00	0.00
4,900.0	42.37	255.93	3,933.3	-643.1	-2,565.1	2,644.5	0.00	0.00	0.00
5,000.0	42.37	255.93	4,007.2	-659.5	-2,630.5	2,711.9	0.00	0.00	0.00
5,100.0	42.37	255.93	4,081.1	-675.9	-2,695.9	2,779.3	0.00	0.00	0.00
5,188.8	42.37	255.93	4,146.7	-690.4	-2,753.9	2,839.2	0.00	0.00	0.00
<b>Start Drop -3.50</b>									
5,200.0	41.98	255.93	4,155.0	-692.3	-2,761.2	2,846.7	3.50	-3.50	0.00
5,300.0	38.48	255.93	4,231.3	-708.0	-2,823.9	2,911.3	3.50	-3.50	0.00
5,400.0	34.98	255.93	4,311.5	-722.5	-2,881.9	2,971.0	3.50	-3.50	0.00
5,500.0	31.48	255.93	4,395.1	-735.8	-2,935.0	3,025.8	3.50	-3.50	0.00
5,600.0	27.98	255.93	4,481.9	-747.9	-2,983.1	3,075.4	3.50	-3.50	0.00
5,700.0	24.48	255.93	4,571.6	-758.6	-3,026.0	3,119.6	3.50	-3.50	0.00
5,800.0	20.98	255.93	4,663.8	-768.0	-3,063.5	3,158.3	3.50	-3.50	0.00
5,819.2	20.31	255.93	4,681.8	-769.7	-3,070.0	3,165.0	3.50	-3.50	0.00
<b>Top of Gas</b>									
5,900.0	17.48	255.93	4,758.2	-776.0	-3,095.4	3,191.2	3.50	-3.50	0.00
6,000.0	13.98	255.93	4,854.5	-782.6	-3,121.7	3,218.3	3.50	-3.50	0.00
6,100.0	10.48	255.93	4,952.2	-787.8	-3,142.2	3,239.5	3.50	-3.50	0.00
6,200.0	6.98	255.93	5,051.0	-791.5	-3,157.0	3,254.7	3.50	-3.50	0.00
6,300.0	3.48	255.93	5,150.6	-793.7	-3,165.8	3,263.8	3.50	-3.50	0.00
6,399.5	0.00	0.00	5,250.0	-794.4	-3,168.7	3,266.8	3.50	-3.50	0.00
<b>Start 1733.8 hold at 6399.5 MD - Back to Vertical</b>									
6,500.0	0.00	0.00	5,350.5	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
6,600.0	0.00	0.00	5,450.5	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
6,700.0	0.00	0.00	5,550.5	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
6,800.0	0.00	0.00	5,650.5	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
6,900.0	0.00	0.00	5,750.5	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
7,000.0	0.00	0.00	5,850.5	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
7,100.0	0.00	0.00	5,950.5	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
7,133.3	0.00	0.00	5,983.8	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
<b>Cameo</b>									
7,200.0	0.00	0.00	6,050.5	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
7,300.0	0.00	0.00	6,150.5	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
7,400.0	0.00	0.00	6,250.5	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
7,500.0	0.00	0.00	6,350.5	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
7,600.0	0.00	0.00	6,450.5	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
7,700.0	0.00	0.00	6,550.5	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
7,800.0	0.00	0.00	6,650.5	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
7,833.3	0.00	0.00	6,683.8	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
<b>Rollins</b>									
7,900.0	0.00	0.00	6,750.5	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
8,000.0	0.00	0.00	6,850.5	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
8,100.0	0.00	0.00	6,950.5	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
8,133.2	0.00	0.00	6,983.7	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00
<b>BHL: 39.4454591, -108.023497</b>									
8,133.3	0.00	0.00	6,983.8	-794.4	-3,168.7	3,266.8	0.00	0.00	0.00

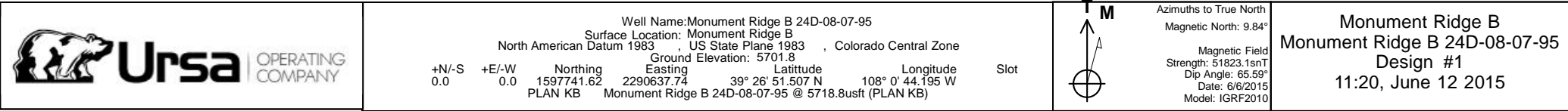
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<b>Well:</b>	Monument Ridge B 24D-08-07-95	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		



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)
TD at 8133.3									

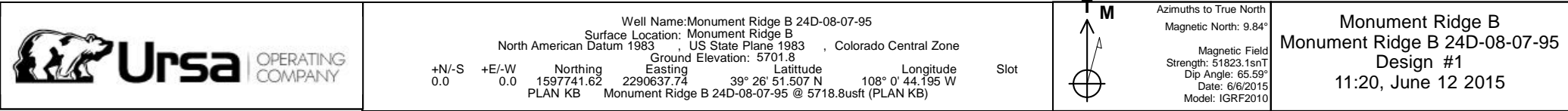
Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
Monument Ridge B-24D	0.00	0.00	4,681.8	-794.4	-3,168.7	1,597,035.11	2,287,448.25	39° 26' 43.653 N	108° 1' 24.589 W
- plan misses target center by 95.8usft at 5852.2usft MD (4712.8 TVD, -772.4 N, -3080.8 E)									
- Rectangle (sides W100.0 H40.0 D2,302.0)									



Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,453.9	3,603.8	Williams Fork		0.00		
5,819.2	4,681.8	Top of Gas		0.00		
7,133.3	5,983.8	Cameo		0.00		
7,833.3	6,683.8	Rollins		0.00		
8,133.3	6,983.8	TD		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: 39.447640707, -108.012276376
400.0	400.0	0.0	0.0	Start Build 3.50
1,610.7	1,503.3	-104.0	-414.8	Start 3578.2 hold at 1610.7 MD
1,876.9	1,700.0	-147.6	-588.9	Surface Casing
5,188.8	4,146.7	-690.4	-2,753.9	Start Drop -3.50
6,399.5	5,250.0	-794.4	-3,168.7	Start 1733.8 hold at 6399.5 MD
6,399.5	5,250.0	-794.4	-3,168.7	Back to Vertical
8,133.2	6,983.7	-794.4	-3,168.7	BHL: 39.4454591, -108.023497
8,133.3	6,983.8	-794.4	-3,168.7	TD at 8133.3



	Well Name: Monument Ridge B 24D-08-07-95 Surface Location: Monument Ridge B North American Datum 1983, US State Plane 1983, Colorado Central Zone Ground Elevation: 5701.8 Easting                      Latitude                      Longitude                      Slot 0.0                      0.0                      1597741.62                      2290637.74                      39° 26' 51.507 N                      108° 0' 44.195 W PLAN KB                      Monument Ridge B 24D-08-07-95 @ 5718.8usft (PLAN KB)					Azimuths to True North Magnetic North: 9.84° Magnetic Field Strength: 51823.1snT Dip Angle: 65.59° Date: 6/6/2015 Model: IGRF2010	Monument Ridge B Monument Ridge B 24D-08-07-95 Design #1 11:20, June 12 2015
	+N/-S 0.0 +E/-W 0.0 Northing 1597741.62 PLAN KB	+E/-W 0.0 Easting 2290637.74 PLAN KB	+E/-W 0.0 Easting 2290637.74 PLAN KB	+E/-W 0.0 Easting 2290637.74 PLAN KB			



	Well Name: Monument Ridge B 24D-08-07-95 Surface Location: Monument Ridge B North American Datum 1983, US State Plane 1983, Colorado Central Zone Ground Elevation: 5701.8 Easting                      Latitude                      Longitude                      Slot 0.0                      0.0                      1597741.62                      2290637.74                      39° 26' 51.507 N                      108° 0' 44.195 W PLAN KB                      Monument Ridge B 24D-08-07-95 @ 5718.8usft (PLAN KB)					Azimuths to True North Magnetic North: 9.84° Magnetic Field Strength: 51823.1snT Dip Angle: 65.59° Date: 6/6/2015 Model: IGRF2010	Monument Ridge B Monument Ridge B 24D-08-07-95 Design #1 11:20, June 12 2015
	+N/-S 0.0 +E/-W 0.0 Northing 1597741.62 PLAN KB	+E/-W 0.0 Easting 2290637.74 PLAN KB	+N/-S 0.0 +E/-W 0.0 Northing 1597741.62 PLAN KB	+E/-W 0.0 Easting 2290637.74 PLAN KB			

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	+N/-S 0.0 +E/-W 0.0 Northing 1597741.62 PLAN KB	+E/-W 0.0 Easting 2290637.74 PLAN KB	+E/-W 0.0 Easting 2290637.74 PLAN KB	+E/-W 0.0 Easting 2290637.74 PLAN KB			

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)									
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape	
Monument Ridge B-24D-08-07-95 TGT	4681.8	-794.4	-3168.7	1597035.12	2287448.249	26° 43.653' N	080° 1' 24.589' W	Rectangle	(Sides: L40.0 W100.0)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)									
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape	
Monument Ridge B-24D-08-07-95 TGT	4681.8	-794.4	-3168.7	1597035.12	2287448.249	26° 43.653' N	080° 1' 24.589' W	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	400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.0	
3	1610.7	42.37	255.93	1503.3	-104.0	-414.8	3.50	255.93	427.6	
4	5188.8	42.37	255.93	4146.7	-690.4	-2753.9	0.00	0.00	2839.2	
5	6399.5	0.00	0.00	5250.0	-794.4	-3168.7	3.50	180.00	3266.8	
6	8133.3	0.00	0.00	6983.8	-794.4	-3168.7	0.00	0.00	3266.8	

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	400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.0	
3	1610.7	42.37	255.93	1503.3	-104.0	-414.8	3.50	255.93	427.6	
4	5188.8	42.37	255.93	4146.7	-690.4	-2753.9	0.00	0.00	2839.2	
5	6399.5	0.00	0.00	5250.0	-794.4	-3168.7	3.50	180.00	3266.8	
6	8133.3	0.00	0.00	6983.8	-794.4	-3168.7	0.00	0.00	3266.8	

ANNOTATIONS		
TVD	MD	Annotation
0.1	0.1	SHL: 39.447640707, -108.012276376
400.0	400.0	Start Build 3.50
1503.3	1610.7	Start 3578.2 hold at 1610.7 MD
1700.0	1876.9	Surface Casing
4146.7	5188.8	Start Drop -3.50
5250.0	6399.5	Start 1733.8 hold at 6399.5 MD
5250.0	6399.5	Back to Vertical
6983.7	8133.2	BHL: 39.4454591, -108.023497
6983.8	8133.3	TD at 8133.3

ANNOTATIONS		
TVD	MD	Annotation
0.1	0.1	SHL: 39.447640707, -108.012276376
400.0	400.0	Start Build 3.50
1503.3	1610.7	Start 3578.2 hold at 1610.7 MD
1700.0	1876.9	Surface Casing
4146.7	5188.8	Start Drop -3.50
5250.0	6399.5	Start 1733.8 hold at 6399.5 MD
5250.0	6399.5	Back to Vertical
6983.7	8133.2	BHL: 39.4454591, -108.023497
6983.8	8133.3	TD at 8133.3

FORMATION TOP DETAILS					
	TVDPath	MDPath	Formation	DipAngle	DipDir
	3603.8	4453.9	Williams Fork	0.00	
	4681.8	5819.2	Top of Gas	0.00	
	5983.8	7133.3	Cameo	0.00	
	6683.8	7833.3	Rollins	0.00	
	6983.8	8133.3	TD	0.00	

FORMATION TOP DETAILS					
	TVDPath	MDPath	Formation	DipAngle	DipDir
	3603.8	4453.9	Williams Fork	0.00	
	4681.8	5819.2	Top of Gas	0.00	
	5983.8	7133.3	Cameo	0.00	
	6683.8	7833.3	Rollins	0.00	
	6983.8	8133.3	TD	0.00	

