



Fifth Creek Energy

State Line

Critter Creek 17-4 Pad

Critter Creek 241-1708H

Wellbore #1

Plan: Design #1

Standard Planning Report

05 September, 2017

Database:	EDM	Local Co-ordinate Reference:	Well Critter Creek 241-1708H
Company:	Fifth Creek Energy	TVD Reference:	KB @ 5338.0usft (Original Well Elev)
Project:	State Line	MD Reference:	KB @ 5338.0usft (Original Well Elev)
Site:	Critter Creek 17-4 Pad	North Reference:	True
Well:	Critter Creek 241-1708H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	State Line		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site						Critter Creek 17-4 Pad											
Site Position:						Northing:			1,578,127.82 usft			Latitude:			40° 54' 56.632 N		
From:			Lat/Long			Easting:			3,286,542.33 usft			Longitude:			104° 27' 47.700 W		
Position Uncertainty:			0.0 usft			Slot Radius:			13-3/16 "			Grid Convergence:			0.67 °		

Well	Critter Creek 241-1708H					
Well Position	+N/-S	0.0 usft	Northing:	1,578,127.53 usft	Latitude:	40° 54' 56.632 N
	+E/-W	-24.6 usft	Easting:	3,286,517.73 usft	Longitude:	104° 27' 48.020 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	5,323.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	9/5/2017	8.07	67.30	52,659.93732306

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	4.68

Plan Survey Tool Program	Date	9/5/2017		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	17,949.1	Design #1 (Wellbore #1)	

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	
446.8	8.94	122.84	445.0	-18.9	29.2	2.00	2.00	0.00	122.84	
6,131.9	8.94	122.84	6,061.0	-497.7	771.2	0.00	0.00	0.00	0.00	
6,578.7	0.00	0.11	6,506.0	-516.5	800.4	2.00	-2.00	0.00	180.00	
7,078.7	0.00	0.11	7,006.0	-516.5	800.4	0.00	0.00	0.00	0.00	
7,981.7	90.30	0.11	7,579.0	59.4	801.5	10.00	10.00	0.00	0.00	CC 241-1708H LP
17,949.1	90.30	0.11	7,527.0	10,026.7	820.5	0.00	0.00	0.00	0.00	CC 241-1708H PB

Database:	EDM	Local Co-ordinate Reference:	Well Critter Creek 241-1708H
Company:	Fifth Creek Energy	TVD Reference:	KB @ 5338.0usft (Original Well Elev)
Project:	State Line	MD Reference:	KB @ 5338.0usft (Original Well Elev)
Site:	Critter Creek 17-4 Pad	North Reference:	True
Well:	Critter Creek 241-1708H	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	2.00	122.84	100.0	-0.9	1.5	-0.8	2.00	2.00	0.00
200.0	4.00	122.84	199.8	-3.8	5.9	-3.3	2.00	2.00	0.00
300.0	6.00	122.84	299.5	-8.5	13.2	-7.4	2.00	2.00	0.00
400.0	8.00	122.84	398.7	-15.1	23.4	-13.2	2.00	2.00	0.00
446.8	8.94	122.84	445.0	-18.9	29.2	-16.4	2.00	2.00	0.00
500.0	8.94	122.84	497.5	-23.3	36.2	-20.3	0.00	0.00	0.00
600.0	8.94	122.84	596.3	-31.8	49.2	-27.6	0.00	0.00	0.00
700.0	8.94	122.84	695.1	-40.2	62.3	-35.0	0.00	0.00	0.00
800.0	8.94	122.84	793.9	-48.6	75.3	-42.3	0.00	0.00	0.00
900.0	8.94	122.84	892.7	-57.0	88.4	-49.6	0.00	0.00	0.00
1,000.0	8.94	122.84	991.5	-65.4	101.4	-57.0	0.00	0.00	0.00
1,100.0	8.94	122.84	1,090.3	-73.9	114.5	-64.3	0.00	0.00	0.00
1,200.0	8.94	122.84	1,189.0	-82.3	127.5	-71.6	0.00	0.00	0.00
1,300.0	8.94	122.84	1,287.8	-90.7	140.6	-78.9	0.00	0.00	0.00
1,400.0	8.94	122.84	1,386.6	-99.1	153.6	-86.3	0.00	0.00	0.00
1,500.0	8.94	122.84	1,485.4	-107.6	166.7	-93.6	0.00	0.00	0.00
1,600.0	8.94	122.84	1,584.2	-116.0	179.7	-100.9	0.00	0.00	0.00
1,700.0	8.94	122.84	1,683.0	-124.4	192.8	-108.3	0.00	0.00	0.00
1,800.0	8.94	122.84	1,781.8	-132.8	205.8	-115.6	0.00	0.00	0.00
1,900.0	8.94	122.84	1,880.6	-141.3	218.9	-122.9	0.00	0.00	0.00
2,000.0	8.94	122.84	1,979.3	-149.7	231.9	-130.3	0.00	0.00	0.00
2,100.0	8.94	122.84	2,078.1	-158.1	245.0	-137.6	0.00	0.00	0.00
2,200.0	8.94	122.84	2,176.9	-166.5	258.0	-144.9	0.00	0.00	0.00
2,300.0	8.94	122.84	2,275.7	-174.9	271.1	-152.2	0.00	0.00	0.00
2,400.0	8.94	122.84	2,374.5	-183.4	284.1	-159.6	0.00	0.00	0.00
2,500.0	8.94	122.84	2,473.3	-191.8	297.2	-166.9	0.00	0.00	0.00
2,600.0	8.94	122.84	2,572.1	-200.2	310.2	-174.2	0.00	0.00	0.00
2,700.0	8.94	122.84	2,670.8	-208.6	323.3	-181.6	0.00	0.00	0.00
2,800.0	8.94	122.84	2,769.6	-217.1	336.4	-188.9	0.00	0.00	0.00
2,900.0	8.94	122.84	2,868.4	-225.5	349.4	-196.2	0.00	0.00	0.00
3,000.0	8.94	122.84	2,967.2	-233.9	362.5	-203.6	0.00	0.00	0.00
3,100.0	8.94	122.84	3,066.0	-242.3	375.5	-210.9	0.00	0.00	0.00
3,200.0	8.94	122.84	3,164.8	-250.7	388.6	-218.2	0.00	0.00	0.00
3,300.0	8.94	122.84	3,263.6	-259.2	401.6	-225.5	0.00	0.00	0.00
3,400.0	8.94	122.84	3,362.3	-267.6	414.7	-232.9	0.00	0.00	0.00
3,500.0	8.94	122.84	3,461.1	-276.0	427.7	-240.2	0.00	0.00	0.00
3,600.0	8.94	122.84	3,559.9	-284.4	440.8	-247.5	0.00	0.00	0.00
3,700.0	8.94	122.84	3,658.7	-292.9	453.8	-254.9	0.00	0.00	0.00
3,800.0	8.94	122.84	3,757.5	-301.3	466.9	-262.2	0.00	0.00	0.00
3,900.0	8.94	122.84	3,856.3	-309.7	479.9	-269.5	0.00	0.00	0.00
4,000.0	8.94	122.84	3,955.1	-318.1	493.0	-276.9	0.00	0.00	0.00
4,100.0	8.94	122.84	4,053.8	-326.5	506.0	-284.2	0.00	0.00	0.00
4,200.0	8.94	122.84	4,152.6	-335.0	519.1	-291.5	0.00	0.00	0.00
4,300.0	8.94	122.84	4,251.4	-343.4	532.1	-298.8	0.00	0.00	0.00
4,400.0	8.94	122.84	4,350.2	-351.8	545.2	-306.2	0.00	0.00	0.00
4,500.0	8.94	122.84	4,449.0	-360.2	558.2	-313.5	0.00	0.00	0.00
4,600.0	8.94	122.84	4,547.8	-368.7	571.3	-320.8	0.00	0.00	0.00
4,700.0	8.94	122.84	4,646.6	-377.1	584.3	-328.2	0.00	0.00	0.00
4,800.0	8.94	122.84	4,745.4	-385.5	597.4	-335.5	0.00	0.00	0.00
4,900.0	8.94	122.84	4,844.1	-393.9	610.4	-342.8	0.00	0.00	0.00
5,000.0	8.94	122.84	4,942.9	-402.4	623.5	-350.2	0.00	0.00	0.00
5,100.0	8.94	122.84	5,041.7	-410.8	636.5	-357.5	0.00	0.00	0.00
5,200.0	8.94	122.84	5,140.5	-419.2	649.6	-364.8	0.00	0.00	0.00

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Site:	Critter Creek 17-4 Pad	North Reference:	True
Well:	Critter Creek 241-1708H	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)
5,300.0	8.94	122.84	5,239.3	-427.6	662.6	-372.1	0.00	0.00	0.00
5,400.0	8.94	122.84	5,338.1	-436.0	675.7	-379.5	0.00	0.00	0.00
5,500.0	8.94	122.84	5,436.9	-444.5	688.7	-386.8	0.00	0.00	0.00
5,600.0	8.94	122.84	5,535.6	-452.9	701.8	-394.1	0.00	0.00	0.00
5,700.0	8.94	122.84	5,634.4	-461.3	714.9	-401.5	0.00	0.00	0.00
5,800.0	8.94	122.84	5,733.2	-469.7	727.9	-408.8	0.00	0.00	0.00
5,900.0	8.94	122.84	5,832.0	-478.2	741.0	-416.1	0.00	0.00	0.00
6,000.0	8.94	122.84	5,930.8	-486.6	754.0	-423.5	0.00	0.00	0.00
6,100.0	8.94	122.84	6,029.6	-495.0	767.1	-430.8	0.00	0.00	0.00
6,131.9	8.94	122.84	6,061.0	-497.7	771.2	-433.1	0.00	0.00	0.00
6,200.0	7.57	122.84	6,128.5	-503.0	779.4	-437.7	2.00	-2.00	0.00
6,300.0	5.57	122.84	6,227.8	-509.2	789.1	-443.1	2.00	-2.00	0.00
6,400.0	3.57	122.84	6,327.5	-513.5	795.8	-446.9	2.00	-2.00	0.00
6,500.0	1.57	122.84	6,427.4	-516.0	799.5	-449.0	2.00	-2.00	0.00
6,578.7	0.00	0.11	6,506.0	-516.5	800.4	-449.5	2.00	-2.00	0.00
6,600.0	0.00	0.00	6,527.4	-516.5	800.4	-449.5	0.00	0.00	0.00
6,700.0	0.00	0.00	6,627.4	-516.5	800.4	-449.5	0.00	0.00	0.00
6,800.0	0.00	0.00	6,727.4	-516.5	800.4	-449.5	0.00	0.00	0.00
6,900.0	0.00	0.00	6,827.4	-516.5	800.4	-449.5	0.00	0.00	0.00
7,000.0	0.00	0.00	6,927.4	-516.5	800.4	-449.5	0.00	0.00	0.00
7,078.7	0.00	0.11	7,006.0	-516.5	800.4	-449.5	0.00	0.00	0.00
7,100.0	2.13	0.11	7,027.4	-516.1	800.4	-449.1	10.00	10.00	0.00
7,200.0	12.13	0.11	7,126.5	-503.7	800.5	-436.8	10.00	10.00	0.00
7,300.0	22.13	0.11	7,221.9	-474.3	800.5	-407.4	10.00	10.00	0.00
7,400.0	32.13	0.11	7,310.8	-428.8	800.6	-362.0	10.00	10.00	0.00
7,500.0	42.13	0.11	7,390.4	-368.5	800.7	-301.9	10.00	10.00	0.00
7,600.0	52.13	0.11	7,458.4	-295.3	800.9	-229.0	10.00	10.00	0.00
7,700.0	62.13	0.11	7,512.6	-211.4	801.0	-145.4	10.00	10.00	0.00
7,800.0	72.13	0.11	7,551.4	-119.4	801.2	-53.6	10.00	10.00	0.00
7,900.0	82.13	0.11	7,573.6	-22.0	801.4	43.4	10.00	10.00	0.00
7,981.7	90.30	0.11	7,579.0	59.4	801.5	124.6	10.00	10.00	0.00
8,000.0	90.30	0.11	7,578.9	77.7	801.6	142.9	0.00	0.00	0.00
8,100.0	90.30	0.11	7,578.4	177.7	801.8	242.5	0.00	0.00	0.00
8,200.0	90.30	0.11	7,577.9	277.7	801.9	342.2	0.00	0.00	0.00
8,300.0	90.30	0.11	7,577.3	377.7	802.1	441.9	0.00	0.00	0.00
8,400.0	90.30	0.11	7,576.8	477.7	802.3	541.6	0.00	0.00	0.00
8,500.0	90.30	0.11	7,576.3	577.7	802.5	641.3	0.00	0.00	0.00
8,600.0	90.30	0.11	7,575.8	677.7	802.7	740.9	0.00	0.00	0.00
8,700.0	90.30	0.11	7,575.3	777.7	802.9	840.6	0.00	0.00	0.00
8,800.0	90.30	0.11	7,574.7	877.7	803.1	940.3	0.00	0.00	0.00
8,900.0	90.30	0.11	7,574.2	977.7	803.3	1,040.0	0.00	0.00	0.00
9,000.0	90.30	0.11	7,573.7	1,077.7	803.5	1,139.7	0.00	0.00	0.00
9,100.0	90.30	0.11	7,573.2	1,177.7	803.7	1,239.4	0.00	0.00	0.00
9,200.0	90.30	0.11	7,572.6	1,277.7	803.9	1,339.0	0.00	0.00	0.00
9,300.0	90.30	0.11	7,572.1	1,377.7	804.0	1,438.7	0.00	0.00	0.00
9,400.0	90.30	0.11	7,571.6	1,477.7	804.2	1,538.4	0.00	0.00	0.00
9,500.0	90.30	0.11	7,571.1	1,577.7	804.4	1,638.1	0.00	0.00	0.00
9,600.0	90.30	0.11	7,570.6	1,677.7	804.6	1,737.8	0.00	0.00	0.00
9,700.0	90.30	0.11	7,570.0	1,777.7	804.8	1,837.4	0.00	0.00	0.00
9,800.0	90.30	0.11	7,569.5	1,877.7	805.0	1,937.1	0.00	0.00	0.00
9,900.0	90.30	0.11	7,569.0	1,977.7	805.2	2,036.8	0.00	0.00	0.00
10,000.0	90.30	0.11	7,568.5	2,077.7	805.4	2,136.5	0.00	0.00	0.00
10,100.0	90.30	0.11	7,567.9	2,177.7	805.6	2,236.2	0.00	0.00	0.00
10,200.0	90.30	0.11	7,567.4	2,277.7	805.8	2,335.8	0.00	0.00	0.00

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Well:	Critter Creek 241-1708H	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)
10,300.0	90.30	0.11	7,566.9	2,377.7	806.0	2,435.5	0.00	0.00	0.00
10,400.0	90.30	0.11	7,566.4	2,477.7	806.1	2,535.2	0.00	0.00	0.00
10,500.0	90.30	0.11	7,565.9	2,577.7	806.3	2,634.9	0.00	0.00	0.00
10,600.0	90.30	0.11	7,565.3	2,677.7	806.5	2,734.6	0.00	0.00	0.00
10,700.0	90.30	0.11	7,564.8	2,777.7	806.7	2,834.2	0.00	0.00	0.00
10,800.0	90.30	0.11	7,564.3	2,877.7	806.9	2,933.9	0.00	0.00	0.00
10,900.0	90.30	0.11	7,563.8	2,977.7	807.1	3,033.6	0.00	0.00	0.00
11,000.0	90.30	0.11	7,563.3	3,077.7	807.3	3,133.3	0.00	0.00	0.00
11,100.0	90.30	0.11	7,562.7	3,177.7	807.5	3,233.0	0.00	0.00	0.00
11,200.0	90.30	0.11	7,562.2	3,277.7	807.7	3,332.6	0.00	0.00	0.00
11,300.0	90.30	0.11	7,561.7	3,377.7	807.9	3,432.3	0.00	0.00	0.00
11,400.0	90.30	0.11	7,561.2	3,477.7	808.1	3,532.0	0.00	0.00	0.00
11,500.0	90.30	0.11	7,560.6	3,577.7	808.2	3,631.7	0.00	0.00	0.00
11,600.0	90.30	0.11	7,560.1	3,677.7	808.4	3,731.4	0.00	0.00	0.00
11,700.0	90.30	0.11	7,559.6	3,777.7	808.6	3,831.1	0.00	0.00	0.00
11,800.0	90.30	0.11	7,559.1	3,877.7	808.8	3,930.7	0.00	0.00	0.00
11,900.0	90.30	0.11	7,558.6	3,977.7	809.0	4,030.4	0.00	0.00	0.00
12,000.0	90.30	0.11	7,558.0	4,077.7	809.2	4,130.1	0.00	0.00	0.00
12,100.0	90.30	0.11	7,557.5	4,177.7	809.4	4,229.8	0.00	0.00	0.00
12,200.0	90.30	0.11	7,557.0	4,277.7	809.6	4,329.5	0.00	0.00	0.00
12,300.0	90.30	0.11	7,556.5	4,377.7	809.8	4,429.1	0.00	0.00	0.00
12,400.0	90.30	0.11	7,555.9	4,477.7	810.0	4,528.8	0.00	0.00	0.00
12,500.0	90.30	0.11	7,555.4	4,577.7	810.2	4,628.5	0.00	0.00	0.00
12,600.0	90.30	0.11	7,554.9	4,677.7	810.3	4,728.2	0.00	0.00	0.00
12,700.0	90.30	0.11	7,554.4	4,777.7	810.5	4,827.9	0.00	0.00	0.00
12,800.0	90.30	0.11	7,553.9	4,877.7	810.7	4,927.5	0.00	0.00	0.00
12,900.0	90.30	0.11	7,553.3	4,977.7	810.9	5,027.2	0.00	0.00	0.00
13,000.0	90.30	0.11	7,552.8	5,077.7	811.1	5,126.9	0.00	0.00	0.00
13,100.0	90.30	0.11	7,552.3	5,177.7	811.3	5,226.6	0.00	0.00	0.00
13,200.0	90.30	0.11	7,551.8	5,277.7	811.5	5,326.3	0.00	0.00	0.00
13,300.0	90.30	0.11	7,551.3	5,377.7	811.7	5,425.9	0.00	0.00	0.00
13,400.0	90.30	0.11	7,550.7	5,477.7	811.9	5,525.6	0.00	0.00	0.00
13,500.0	90.30	0.11	7,550.2	5,577.7	812.1	5,625.3	0.00	0.00	0.00
13,600.0	90.30	0.11	7,549.7	5,677.7	812.3	5,725.0	0.00	0.00	0.00
13,700.0	90.30	0.11	7,549.2	5,777.7	812.4	5,824.7	0.00	0.00	0.00
13,800.0	90.30	0.11	7,548.6	5,877.7	812.6	5,924.4	0.00	0.00	0.00
13,900.0	90.30	0.11	7,548.1	5,977.7	812.8	6,024.0	0.00	0.00	0.00
14,000.0	90.30	0.11	7,547.6	6,077.7	813.0	6,123.7	0.00	0.00	0.00
14,100.0	90.30	0.11	7,547.1	6,177.6	813.2	6,223.4	0.00	0.00	0.00
14,200.0	90.30	0.11	7,546.6	6,277.6	813.4	6,323.1	0.00	0.00	0.00
14,300.0	90.30	0.11	7,546.0	6,377.6	813.6	6,422.8	0.00	0.00	0.00
14,400.0	90.30	0.11	7,545.5	6,477.6	813.8	6,522.4	0.00	0.00	0.00
14,500.0	90.30	0.11	7,545.0	6,577.6	814.0	6,622.1	0.00	0.00	0.00
14,600.0	90.30	0.11	7,544.5	6,677.6	814.2	6,721.8	0.00	0.00	0.00
14,700.0	90.30	0.11	7,544.0	6,777.6	814.3	6,821.5	0.00	0.00	0.00
14,800.0	90.30	0.11	7,543.4	6,877.6	814.5	6,921.2	0.00	0.00	0.00
14,900.0	90.30	0.11	7,542.9	6,977.6	814.7	7,020.8	0.00	0.00	0.00
15,000.0	90.30	0.11	7,542.4	7,077.6	814.9	7,120.5	0.00	0.00	0.00
15,100.0	90.30	0.11	7,541.9	7,177.6	815.1	7,220.2	0.00	0.00	0.00
15,200.0	90.30	0.11	7,541.3	7,277.6	815.3	7,319.9	0.00	0.00	0.00
15,300.0	90.30	0.11	7,540.8	7,377.6	815.5	7,419.6	0.00	0.00	0.00
15,400.0	90.30	0.11	7,540.3	7,477.6	815.7	7,519.2	0.00	0.00	0.00
15,500.0	90.30	0.11	7,539.8	7,577.6	815.9	7,618.9	0.00	0.00	0.00
15,600.0	90.30	0.11	7,539.3	7,677.6	816.1	7,718.6	0.00	0.00	0.00

Database:	EDM	Local Co-ordinate Reference:	Well Critter Creek 241-1708H
Company:	Fifth Creek Energy	TVD Reference:	KB @ 5338.0usft (Original Well Elev)
Project:	State Line	MD Reference:	KB @ 5338.0usft (Original Well Elev)
Site:	Critter Creek 17-4 Pad	North Reference:	True
Well:	Critter Creek 241-1708H	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)	
15,700.0	90.30	0.11	7,538.7	7,777.6	816.3	7,818.3	0.00	0.00	0.00	
15,800.0	90.30	0.11	7,538.2	7,877.6	816.4	7,918.0	0.00	0.00	0.00	
15,900.0	90.30	0.11	7,537.7	7,977.6	816.6	8,017.6	0.00	0.00	0.00	
16,000.0	90.30	0.11	7,537.2	8,077.6	816.8	8,117.3	0.00	0.00	0.00	
16,100.0	90.30	0.11	7,536.6	8,177.6	817.0	8,217.0	0.00	0.00	0.00	
16,200.0	90.30	0.11	7,536.1	8,277.6	817.2	8,316.7	0.00	0.00	0.00	
16,300.0	90.30	0.11	7,535.6	8,377.6	817.4	8,416.4	0.00	0.00	0.00	
16,400.0	90.30	0.11	7,535.1	8,477.6	817.6	8,516.1	0.00	0.00	0.00	
16,500.0	90.30	0.11	7,534.6	8,577.6	817.8	8,615.7	0.00	0.00	0.00	
16,600.0	90.30	0.11	7,534.0	8,677.6	818.0	8,715.4	0.00	0.00	0.00	
16,700.0	90.30	0.11	7,533.5	8,777.6	818.2	8,815.1	0.00	0.00	0.00	
16,800.0	90.30	0.11	7,533.0	8,877.6	818.4	8,914.8	0.00	0.00	0.00	
16,900.0	90.30	0.11	7,532.5	8,977.6	818.5	9,014.5	0.00	0.00	0.00	
17,000.0	90.30	0.11	7,532.0	9,077.6	818.7	9,114.1	0.00	0.00	0.00	
17,100.0	90.30	0.11	7,531.4	9,177.6	818.9	9,213.8	0.00	0.00	0.00	
17,200.0	90.30	0.11	7,530.9	9,277.6	819.1	9,313.5	0.00	0.00	0.00	
17,300.0	90.30	0.11	7,530.4	9,377.6	819.3	9,413.2	0.00	0.00	0.00	
17,400.0	90.30	0.11	7,529.9	9,477.6	819.5	9,512.9	0.00	0.00	0.00	
17,500.0	90.30	0.11	7,529.3	9,577.6	819.7	9,612.5	0.00	0.00	0.00	
17,600.0	90.30	0.11	7,528.8	9,677.6	819.9	9,712.2	0.00	0.00	0.00	
17,700.0	90.30	0.11	7,528.3	9,777.6	820.1	9,811.9	0.00	0.00	0.00	
17,800.0	90.30	0.11	7,527.8	9,877.6	820.3	9,911.6	0.00	0.00	0.00	
17,900.0	90.30	0.11	7,527.3	9,977.6	820.5	10,011.3	0.00	0.00	0.00	
17,949.1	90.30	0.11	7,527.0	10,026.7	820.5	10,060.2	0.00	0.00	0.00	

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										
CC 241-1708H PBHL	0.00	0.00	7,527.0	10,026.7	820.5	1,588,163.13	3,287,221.01	40° 56' 35.700 N	104° 27' 37.328 W	
- plan hits target center										
- Point										
CC 241-1708H LP	0.00	0.00	7,579.0	59.4	801.5	1,578,196.30	3,287,318.51	40° 54' 57.218 N	104° 27' 37.580 W	
- plan hits target center										
- Point										