

30-015-43877

Mewbourne Oil Company

Eddy County, New Mexico

Devon 12/1 W2PI Fee Com #1H

Sec 13, T25S, R27E

SL: 200' FNL & 450' FEL, Sec 13

BHL: 2310' FSL & 450' FEL, Sec 1

Plan: Design #1

Standard Planning Report

08 September, 2016

NM OIL CONSERVATION
ARTESIA DISTRICT
SEP 13 2016
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Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Devon 12/1 W2PI Fee Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3087.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 3087.0usft (Original Well Elev)
Site:	Devon 12/1 W2PI Fee Com #1H	North Reference:	Grd
Well:	Sec 13, T25S, R27E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 2310' FSL & 450' FEL, Sec 1		
Design:	Design #1		

Project	Eddy County, New Mexico		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Devon 12/1 W2PI Fee Com #1H		
Site Position:		Northing:	413,498.00 usft
From:	Map	Easting:	560,957.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 8' 12.010 N
		Longitude:	104° 8' 11.047 W
		Grid Convergence:	0.10 °

Well	Sec 13, T25S, R27E		
Well Position	+N-S	0.0 usft	Northing: 413,498.00 usft
	+E-W	0.0 usft	Easting: 560,957.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	3,087.0 usft
		Latitude:	32° 8' 12.010 N
		Longitude:	104° 8' 11.047 W
		Ground Level:	3,060.0 usft

Wellbore	BHL: 2310' FSL & 450' FEL, Sec 1		
Magnetics	Model Name	Sample Date	Declination
	IGRF200510	12/31/2009	8.00
			Dip Angle
			60.06
			Field Strength
			48,679

Design	Design #1		
Audit Notes:			
Version:	Phase:	PROTOTYPE	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N-S	+E-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			359.73

Plan Sections										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N-S	+E-W	Dogleg Rate	Build Rate	Turn Rate	TFO	Target
(usft)	(°)	(°)	(usft)	(usft)	(usft)	(°/100usft)	(°/100usft)	(°/100usft)	(°)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
9,693.0	0.00	0.00	9,693.0	0.0	0.0	0.00	0.00	0.00	0.00	KOP @ 9693'
10,589.0	89.59	359.73	10,266.0	588.9	-2.7	10.00	10.00	0.00	-0.27	
17,842.4	89.59	359.73	10,318.0	7,822.0	-37.0	0.00	0.00	0.00	0.00	BHL: 2310' FSL & 450'

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Project:	Eddy County, New Mexico	MD Reference:	WELL @ 3087.0usft (Original Well Elev)
Site:	Devon 12/1 W2PI Fee Com #1H	North Reference:	Grid
Well:	Sec 13, T25S, R27E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 2310' FSL & 450' FEL, Sec 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)	Bulld 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
SL: 200' FNL & 450' FEL, Sec 13									
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
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
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
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00

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Wellbore:	BHL: 2310' FSL & 450' FEL, Sec 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	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00
7,500.0	0.00	0.00	7,500.0	0.0	0.0	0.0	0.00	0.00	0.00
7,600.0	0.00	0.00	7,600.0	0.0	0.0	0.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,700.0	0.0	0.0	0.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,800.0	0.0	0.0	0.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,900.0	0.0	0.0	0.0	0.00	0.00	0.00
8,000.0	0.00	0.00	8,000.0	0.0	0.0	0.0	0.00	0.00	0.00
8,100.0	0.00	0.00	8,100.0	0.0	0.0	0.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,200.0	0.0	0.0	0.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,300.0	0.0	0.0	0.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,400.0	0.0	0.0	0.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,500.0	0.0	0.0	0.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,600.0	0.0	0.0	0.0	0.00	0.00	0.00
8,700.0	0.00	0.00	8,700.0	0.0	0.0	0.0	0.00	0.00	0.00
8,800.0	0.00	0.00	8,800.0	0.0	0.0	0.0	0.00	0.00	0.00
8,900.0	0.00	0.00	8,900.0	0.0	0.0	0.0	0.00	0.00	0.00
9,000.0	0.00	0.00	9,000.0	0.0	0.0	0.0	0.00	0.00	0.00
9,100.0	0.00	0.00	9,100.0	0.0	0.0	0.0	0.00	0.00	0.00
9,200.0	0.00	0.00	9,200.0	0.0	0.0	0.0	0.00	0.00	0.00
9,300.0	0.00	0.00	9,300.0	0.0	0.0	0.0	0.00	0.00	0.00
9,400.0	0.00	0.00	9,400.0	0.0	0.0	0.0	0.00	0.00	0.00
9,500.0	0.00	0.00	9,500.0	0.0	0.0	0.0	0.00	0.00	0.00
9,600.0	0.00	0.00	9,600.0	0.0	0.0	0.0	0.00	0.00	0.00
9,693.0	0.00	0.00	9,693.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP @ 9693'									
9,700.0	0.70	359.73	9,700.0	0.0	0.0	0.0	10.00	10.00	0.00
9,800.0	10.70	359.73	9,799.4	10.0	0.0	10.0	10.00	10.00	0.00
9,900.0	20.70	359.73	9,895.5	37.0	-0.2	37.0	10.00	10.00	0.00
10,000.0	30.70	359.73	9,985.5	80.3	-0.4	80.3	10.00	10.00	0.00
10,100.0	40.69	359.73	10,066.6	138.5	-0.7	138.5	10.00	10.00	0.00
10,200.0	50.69	359.73	10,136.4	210.0	-1.0	210.0	10.00	10.00	0.00
10,300.0	60.69	359.73	10,192.7	292.5	-1.4	292.5	10.00	10.00	0.00

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Wellbore:	BHL: 2310' FSL & 450' FEL, Sec 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)
10,400.0	70.88	359.73	10,233.8	383.5	-1.8	383.5	10.00	10.00	0.00
10,500.0	80.89	359.73	10,258.5	480.3	-2.3	480.3	10.00	10.00	0.00
10,550.1	85.70	359.73	10,264.4	530.0	-2.5	530.0	10.00	10.00	0.00
FTP: 330' FSL & 450' FEL, Sec 12									
10,589.0	89.59	359.73	10,266.0	568.9	-2.7	568.9	10.00	10.00	0.00
LP: 369' FSL & 450' FEL, Sec 12									
10,600.0	89.59	359.73	10,266.1	579.9	-2.7	579.9	0.00	0.00	0.00
10,700.0	89.59	359.73	10,266.6	679.9	-3.2	679.9	0.00	0.00	0.00
10,800.0	89.59	359.73	10,267.5	779.9	-3.7	779.9	0.00	0.00	0.00
10,900.0	89.59	359.73	10,268.2	879.9	-4.2	879.9	0.00	0.00	0.00
11,000.0	89.59	359.73	10,268.9	979.9	-4.6	979.9	0.00	0.00	0.00
11,100.0	89.59	359.73	10,269.7	1,079.9	-5.1	1,079.9	0.00	0.00	0.00
11,200.0	89.59	359.73	10,270.4	1,179.9	-5.6	1,179.9	0.00	0.00	0.00
11,300.0	89.59	359.73	10,271.1	1,279.9	-6.1	1,279.9	0.00	0.00	0.00
11,400.0	89.59	359.73	10,271.8	1,379.9	-6.5	1,379.9	0.00	0.00	0.00
11,500.0	89.59	359.73	10,272.5	1,479.9	-7.0	1,479.9	0.00	0.00	0.00
11,600.0	89.59	359.73	10,273.2	1,579.9	-7.5	1,579.9	0.00	0.00	0.00
11,700.0	89.59	359.73	10,274.0	1,679.9	-7.9	1,679.9	0.00	0.00	0.00
11,800.0	89.59	359.73	10,274.7	1,779.9	-8.4	1,779.9	0.00	0.00	0.00
11,900.0	89.59	359.73	10,275.4	1,879.9	-8.9	1,879.9	0.00	0.00	0.00
12,000.0	89.59	359.73	10,276.1	1,979.8	-9.4	1,979.9	0.00	0.00	0.00
12,100.0	89.59	359.73	10,276.8	2,079.8	-9.8	2,079.9	0.00	0.00	0.00
12,200.0	89.59	359.73	10,277.5	2,179.8	-10.3	2,179.9	0.00	0.00	0.00
12,300.0	89.59	359.73	10,278.3	2,279.8	-10.8	2,279.9	0.00	0.00	0.00
12,400.0	89.59	359.73	10,279.0	2,379.8	-11.3	2,379.9	0.00	0.00	0.00
12,500.0	89.59	359.73	10,279.7	2,479.8	-11.7	2,479.9	0.00	0.00	0.00
12,600.0	89.59	359.73	10,280.4	2,579.8	-12.2	2,579.9	0.00	0.00	0.00
12,700.0	89.59	359.73	10,281.1	2,679.8	-12.7	2,679.9	0.00	0.00	0.00
12,800.0	89.59	359.73	10,281.9	2,779.8	-13.1	2,779.9	0.00	0.00	0.00
12,900.0	89.59	359.73	10,282.6	2,879.8	-13.6	2,879.8	0.00	0.00	0.00
13,000.0	89.59	359.73	10,283.3	2,979.8	-14.1	2,979.8	0.00	0.00	0.00
13,100.0	89.59	359.73	10,284.0	3,079.8	-14.6	3,079.8	0.00	0.00	0.00
13,200.0	89.59	359.73	10,284.7	3,179.8	-15.0	3,179.8	0.00	0.00	0.00
13,300.0	89.59	359.73	10,285.4	3,279.8	-15.5	3,279.8	0.00	0.00	0.00
13,400.0	89.59	359.73	10,286.2	3,379.8	-16.0	3,379.8	0.00	0.00	0.00
13,500.0	89.59	359.73	10,286.9	3,479.8	-16.5	3,479.8	0.00	0.00	0.00
13,600.0	89.59	359.73	10,287.6	3,579.8	-16.9	3,579.8	0.00	0.00	0.00
13,700.0	89.59	359.73	10,288.3	3,679.8	-17.4	3,679.8	0.00	0.00	0.00
13,800.0	89.59	359.73	10,289.0	3,779.8	-17.9	3,779.8	0.00	0.00	0.00
13,900.0	89.59	359.73	10,289.7	3,879.8	-18.4	3,879.8	0.00	0.00	0.00
14,000.0	89.59	359.73	10,290.5	3,979.8	-18.8	3,979.8	0.00	0.00	0.00
14,100.0	89.59	359.73	10,291.2	4,079.8	-19.3	4,079.8	0.00	0.00	0.00
14,200.0	89.59	359.73	10,291.9	4,179.8	-19.8	4,179.8	0.00	0.00	0.00
14,300.0	89.59	359.73	10,292.6	4,279.8	-20.2	4,279.8	0.00	0.00	0.00
14,400.0	89.59	359.73	10,293.3	4,379.8	-20.7	4,379.8	0.00	0.00	0.00
14,500.0	89.59	359.73	10,294.0	4,479.8	-21.2	4,479.8	0.00	0.00	0.00
14,600.0	89.59	359.73	10,294.8	4,579.8	-21.7	4,579.8	0.00	0.00	0.00
14,700.0	89.59	359.73	10,295.5	4,679.8	-22.1	4,679.8	0.00	0.00	0.00
14,800.0	89.59	359.73	10,296.2	4,779.7	-22.6	4,779.8	0.00	0.00	0.00
14,900.0	89.59	359.73	10,296.9	4,879.7	-23.1	4,879.8	0.00	0.00	0.00
15,000.0	89.59	359.73	10,297.6	4,979.7	-23.6	4,979.8	0.00	0.00	0.00
15,100.0	89.59	359.73	10,298.3	5,079.7	-24.0	5,079.8	0.00	0.00	0.00
15,200.0	89.59	359.73	10,299.1	5,179.7	-24.5	5,179.8	0.00	0.00	0.00
15,300.0	89.59	359.73	10,299.8	5,279.7	-25.0	5,279.8	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Devon 12/1 W2PI Fee Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3087.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 3087.0usft (Original Well Elev)
Site:	Devon 12/1 W2PI Fee Com #1H	North Reference:	Grid
Well:	Sec 13, T25S, R27E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 2310' FSL & 450' FEL, Sec 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)
15,400.0	89.59	359.73	10,300.5	5,379.7	-25.4	5,379.8	0.00	0.00	0.00
15,500.0	89.59	359.73	10,301.2	5,479.7	-25.9	5,479.8	0.00	0.00	0.00
15,600.0	89.59	359.73	10,301.9	5,579.7	-26.4	5,579.8	0.00	0.00	0.00
15,700.0	89.59	359.73	10,302.6	5,679.7	-26.9	5,679.8	0.00	0.00	0.00
15,800.0	89.59	359.73	10,303.4	5,779.7	-27.3	5,779.8	0.00	0.00	0.00
15,900.0	89.59	359.73	10,304.1	5,879.7	-27.8	5,879.8	0.00	0.00	0.00
16,000.0	89.59	359.73	10,304.8	5,979.7	-28.3	5,979.8	0.00	0.00	0.00
16,100.0	89.59	359.73	10,305.5	6,079.7	-28.8	6,079.8	0.00	0.00	0.00
16,200.0	89.59	359.73	10,306.2	6,179.7	-29.2	6,179.8	0.00	0.00	0.00
16,300.0	89.59	359.73	10,306.9	6,279.7	-29.7	6,279.8	0.00	0.00	0.00
16,400.0	89.59	359.73	10,307.7	6,379.7	-30.2	6,379.8	0.00	0.00	0.00
16,500.0	89.59	359.73	10,308.4	6,479.7	-30.7	6,479.8	0.00	0.00	0.00
16,600.0	89.59	359.73	10,309.1	6,579.7	-31.1	6,579.8	0.00	0.00	0.00
16,700.0	89.59	359.73	10,309.8	6,679.7	-31.6	6,679.8	0.00	0.00	0.00
16,800.0	89.59	359.73	10,310.5	6,779.7	-32.1	6,779.8	0.00	0.00	0.00
16,900.0	89.59	359.73	10,311.2	6,879.7	-32.5	6,879.7	0.00	0.00	0.00
17,000.0	89.59	359.73	10,312.0	6,979.7	-33.0	6,979.7	0.00	0.00	0.00
17,100.0	89.59	359.73	10,312.7	7,079.7	-33.5	7,079.7	0.00	0.00	0.00
17,200.0	89.59	359.73	10,313.4	7,179.7	-34.0	7,179.7	0.00	0.00	0.00
17,300.0	89.59	359.73	10,314.1	7,279.7	-34.4	7,279.7	0.00	0.00	0.00
17,400.0	89.59	359.73	10,314.8	7,379.7	-34.9	7,379.7	0.00	0.00	0.00
17,500.0	89.59	359.73	10,315.5	7,479.6	-35.4	7,479.7	0.00	0.00	0.00
17,600.0	89.59	359.73	10,316.3	7,579.6	-35.9	7,579.7	0.00	0.00	0.00
17,700.0	89.59	359.73	10,317.0	7,679.6	-36.3	7,679.7	0.00	0.00	0.00
17,800.0	89.59	359.73	10,317.7	7,779.6	-36.8	7,779.7	0.00	0.00	0.00
17,842.4	89.59	359.73	10,318.0	7,822.0	-37.0	7,822.1	0.00	0.00	0.00

BHL: 2310' FSL & 450' FEL, Sec 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
SL 200' FNL & 450' FEL - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	413,498.00	560,957.00	32° 8' 12.010 N	104° 8' 11.047 W
KOP @ 9893' - plan hits target center - Point	0.00	0.00	9,893.0	0.0	0.0	413,498.00	560,957.00	32° 8' 12.010 N	104° 8' 11.047 W
FTP: 330' FSL & 450' FE - plan hits target center - Point	0.00	0.00	10,264.4	530.0	-2.5	414,028.00	560,954.50	32° 8' 17.255 N	104° 8' 11.065 W
LP: 369' FSL & 450' FEL - plan hits target center - Point	0.00	0.00	10,266.0	568.9	-2.7	414,066.90	560,954.30	32° 8' 17.640 N	104° 8' 11.066 W
BHL: 2310' FSL & 450' F - plan hits target center - Point	0.00	0.00	10,318.0	7,822.0	-37.0	421,320.00	560,920.00	32° 9' 29.421 N	104° 8' 11.311 W

