

HOBBS OCD

JUL 20 2016

RECEIVED

Mewbourne Oil Company

Lea County, New Mexico

Salado Draw 9 W1DM Fed Com #2H

Sec 9, T26S, R33E

SL: 320' FNL & 500' FWL

BHL: 330' FSL & 500' FWL

Plan: Design #1

Standard Planning Report

07 January, 2015

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Salado Draw 9 W1DM Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3345.0usft (Original Well Elev)
Project:	Lea County, New Mexico	MD Reference:	WELL @ 3345.0usft (Original Well Elev)
Site:	Salado Draw 9 W1DM Fed Com #2H	North Reference:	Grid
Well:	Sec 9, T26S, R33E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 500' FWL		
Design:	Design #1		

Project	Lea 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	Salado Draw 9 W1DM Fed Com #2H				
Site Position:		Northing:	387,916.70 usft	Latitude:	32° 3' 51.412 N
From:	Map	Easting:	732,225.50 usft	Longitude:	103° 35' 1.291 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.40 °

Well	Sec 9, T26S, R33E					
Well Position	+N/-S	0.0 usft	Northing:	387,916.70 usft	Latitude:	32° 3' 51.412 N
	+E/-W	0.0 usft	Easting:	732,225.50 usft	Longitude:	103° 35' 1.291 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	3,345.0 usft	Ground Level:	3,325.0 usft	

Wellbore	BHL: 330' FSL & 500' FWL				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	1/7/2015	7.14	59.95	48,163

Design	Design #1			
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	179.58

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	
11,922.0	0.00	0.00	11,922.0	0.0	0.0	0.00	0.00	0.00	0.00	
12,822.1	90.00	179.58	12,495.0	-573.0	4.2	10.00	10.00	0.00	179.58	
16,876.4	90.00	179.58	12,495.0	-4,627.2	33.9	0.00	0.00	0.00	0.00	BHL: 330 FSL & 500 I

Planning Report

Database: Hobbs
 Company: Mewbourne Oil Company
 Project: Lea County, New Mexico
 Site: Salado Draw 9 W1DM Fed Com #2H
 Well: Sec 9, T26S, R33E
 Wellbore: BHL: 330' FSL & 500' FWL
 Design: Design #1

Local Co-ordinate Reference: Site Salado Draw 9 W1DM Fed Com #2H
 TVD Reference: WELL @ 3345.0usft (Original Well Elev)
 MD Reference: WELL @ 3345.0usft (Original Well Elev)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

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
SL: 320 FNL & 500 FWL									
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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 Project: Lea County, New Mexico
 Site: Salado Draw 9 W1DM Fed Com #2H
 Well: Sec 9, T26S, R33E
 Wellbore: BHL: 330' FSL & 500' FWL
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Local Co-ordinate Reference:
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Site Salado Draw 9 W1DM Fed Com #2H
 WELL @ 3345.0usft (Original Well Elev)
 WELL @ 3345.0usft (Original Well Elev)
 Grid
 Minimum Curvature

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
9,700.0	0.00	0.00	9,700.0	0.0	0.0	0.0	0.00	0.00	0.00
9,800.0	0.00	0.00	9,800.0	0.0	0.0	0.0	0.00	0.00	0.00
9,900.0	0.00	0.00	9,900.0	0.0	0.0	0.0	0.00	0.00	0.00
10,000.0	0.00	0.00	10,000.0	0.0	0.0	0.0	0.00	0.00	0.00
10,100.0	0.00	0.00	10,100.0	0.0	0.0	0.0	0.00	0.00	0.00
10,200.0	0.00	0.00	10,200.0	0.0	0.0	0.0	0.00	0.00	0.00
10,300.0	0.00	0.00	10,300.0	0.0	0.0	0.0	0.00	0.00	0.00
10,400.0	0.00	0.00	10,400.0	0.0	0.0	0.0	0.00	0.00	0.00
10,500.0	0.00	0.00	10,500.0	0.0	0.0	0.0	0.00	0.00	0.00
10,600.0	0.00	0.00	10,600.0	0.0	0.0	0.0	0.00	0.00	0.00

Planning Report

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 Company: Mewbourne Oil Company
 Project: Lea County, New Mexico
 Site: Salado Draw 9 W1DM Fed Com #2H
 Well: Sec 9, T26S, R33E
 Wellbore: BHL: 330' FSL & 500' FWL
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Site Salado Draw 9 W1DM Fed Com #2H
 WELL @ 3345.0usft (Original Well Elev)
 WELL @ 3345.0usft (Original Well Elev)
 Grid
 Minimum Curvature

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)
10,700.0	0.00	0.00	10,700.0	0.0	0.0	0.0	0.00	0.00	0.00
10,800.0	0.00	0.00	10,800.0	0.0	0.0	0.0	0.00	0.00	0.00
10,900.0	0.00	0.00	10,900.0	0.0	0.0	0.0	0.00	0.00	0.00
11,000.0	0.00	0.00	11,000.0	0.0	0.0	0.0	0.00	0.00	0.00
11,100.0	0.00	0.00	11,100.0	0.0	0.0	0.0	0.00	0.00	0.00
11,200.0	0.00	0.00	11,200.0	0.0	0.0	0.0	0.00	0.00	0.00
11,300.0	0.00	0.00	11,300.0	0.0	0.0	0.0	0.00	0.00	0.00
11,400.0	0.00	0.00	11,400.0	0.0	0.0	0.0	0.00	0.00	0.00
11,500.0	0.00	0.00	11,500.0	0.0	0.0	0.0	0.00	0.00	0.00
11,600.0	0.00	0.00	11,600.0	0.0	0.0	0.0	0.00	0.00	0.00
11,700.0	0.00	0.00	11,700.0	0.0	0.0	0.0	0.00	0.00	0.00
11,800.0	0.00	0.00	11,800.0	0.0	0.0	0.0	0.00	0.00	0.00
11,900.0	0.00	0.00	11,900.0	0.0	0.0	0.0	0.00	0.00	0.00
11,922.0	0.00	0.00	11,922.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP @ 11922									
11,950.6	2.86	179.58	11,950.6	-0.7	0.0	0.7	10.00	10.00	0.00
First Take Point: 330 FNL & 500 FWL									
12,000.0	7.80	179.58	11,999.8	-5.3	0.0	5.3	10.00	10.00	0.00
12,100.0	17.80	179.58	12,097.2	-27.4	0.2	27.4	10.00	10.00	0.00
12,200.0	27.80	179.58	12,189.2	-66.1	0.5	66.1	10.00	10.00	0.00
12,300.0	37.80	179.58	12,273.2	-120.2	0.9	120.2	10.00	10.00	0.00
12,400.0	47.80	179.58	12,346.5	-188.1	1.4	188.1	10.00	10.00	0.00
12,500.0	57.80	179.58	12,406.8	-267.6	2.0	267.6	10.00	10.00	0.00
12,600.0	67.80	179.58	12,452.5	-356.4	2.6	356.5	10.00	10.00	0.00
12,700.0	77.79	179.58	12,482.0	-451.8	3.3	451.9	10.00	10.00	0.00
12,800.0	87.79	179.58	12,494.6	-550.9	4.0	550.9	10.00	10.00	0.00
12,822.1	90.00	179.58	12,495.0	-573.0	4.2	573.0	9.99	9.99	0.00
LP: 891 FNL & 500 FWL									
12,900.0	90.00	179.58	12,495.0	-650.9	4.8	650.9	0.00	0.00	0.00
13,000.0	90.00	179.58	12,495.0	-750.9	5.5	750.9	0.00	0.00	0.00
13,100.0	90.00	179.58	12,495.0	-850.9	6.2	850.9	0.00	0.00	0.00
13,200.0	90.00	179.58	12,495.0	-950.9	7.0	950.9	0.00	0.00	0.00
13,300.0	90.00	179.58	12,495.0	-1,050.9	7.7	1,050.9	0.00	0.00	0.00
13,400.0	90.00	179.58	12,495.0	-1,150.9	8.4	1,150.9	0.00	0.00	0.00
13,500.0	90.00	179.58	12,495.0	-1,250.9	9.2	1,250.9	0.00	0.00	0.00
13,600.0	90.00	179.58	12,495.0	-1,350.9	9.9	1,350.9	0.00	0.00	0.00
13,700.0	90.00	179.58	12,495.0	-1,450.9	10.6	1,450.9	0.00	0.00	0.00
13,800.0	90.00	179.58	12,495.0	-1,550.9	11.4	1,550.9	0.00	0.00	0.00
13,900.0	90.00	179.58	12,495.0	-1,650.9	12.1	1,650.9	0.00	0.00	0.00
14,000.0	90.00	179.58	12,495.0	-1,750.9	12.8	1,750.9	0.00	0.00	0.00
14,100.0	90.00	179.58	12,495.0	-1,850.9	13.6	1,850.9	0.00	0.00	0.00
14,200.0	90.00	179.58	12,495.0	-1,950.9	14.3	1,950.9	0.00	0.00	0.00
14,300.0	90.00	179.58	12,495.0	-2,050.9	15.0	2,050.9	0.00	0.00	0.00
14,400.0	90.00	179.58	12,495.0	-2,150.9	15.8	2,150.9	0.00	0.00	0.00
14,500.0	90.00	179.58	12,495.0	-2,250.9	16.5	2,250.9	0.00	0.00	0.00
14,600.0	90.00	179.58	12,495.0	-2,350.9	17.2	2,350.9	0.00	0.00	0.00
14,700.0	90.00	179.58	12,495.0	-2,450.9	18.0	2,450.9	0.00	0.00	0.00
14,800.0	90.00	179.58	12,495.0	-2,550.9	18.7	2,550.9	0.00	0.00	0.00
14,900.0	90.00	179.58	12,495.0	-2,650.9	19.4	2,650.9	0.00	0.00	0.00
15,000.0	90.00	179.58	12,495.0	-2,750.9	20.2	2,750.9	0.00	0.00	0.00
15,100.0	90.00	179.58	12,495.0	-2,850.9	20.9	2,850.9	0.00	0.00	0.00
15,200.0	90.00	179.58	12,495.0	-2,950.9	21.6	2,950.9	0.00	0.00	0.00
15,300.0	90.00	179.58	12,495.0	-3,050.9	22.4	3,050.9	0.00	0.00	0.00

Planning Report

Database: Hobbs
Company: Mewbourne Oil Company
Project: Lea County, New Mexico
Site: Salado Draw 9 W1DM Fed Com #2H
Well: Sec 9, T26S, R33E
Wellbore: BHL: 330' FSL & 500' FWL
Design: Design #1

Local Co-ordinate Reference: Site Salado Draw 9 W1DM Fed Com #2H
TVD Reference: WELL @ 3345.0usft (Original Well Elev)
MD Reference: WELL @ 3345.0usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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	90.00	179.58	12,495.0	-3,150.8	23.1	3,150.9	0.00	0.00	0.00	
15,500.0	90.00	179.58	12,495.0	-3,250.8	23.8	3,250.9	0.00	0.00	0.00	
15,600.0	90.00	179.58	12,495.0	-3,350.8	24.5	3,350.9	0.00	0.00	0.00	
15,700.0	90.00	179.58	12,495.0	-3,450.8	25.3	3,450.9	0.00	0.00	0.00	
15,800.0	90.00	179.58	12,495.0	-3,550.8	26.0	3,550.9	0.00	0.00	0.00	
15,900.0	90.00	179.58	12,495.0	-3,650.8	26.7	3,650.9	0.00	0.00	0.00	
16,000.0	90.00	179.58	12,495.0	-3,750.8	27.5	3,750.9	0.00	0.00	0.00	
16,100.0	90.00	179.58	12,495.0	-3,850.8	28.2	3,850.9	0.00	0.00	0.00	
16,200.0	90.00	179.58	12,495.0	-3,950.8	28.9	3,950.9	0.00	0.00	0.00	
16,300.0	90.00	179.58	12,495.0	-4,050.8	29.7	4,050.9	0.00	0.00	0.00	
16,400.0	90.00	179.58	12,495.0	-4,150.8	30.4	4,150.9	0.00	0.00	0.00	
16,500.0	90.00	179.58	12,495.0	-4,250.8	31.1	4,250.9	0.00	0.00	0.00	
16,600.0	90.00	179.58	12,495.0	-4,350.8	31.9	4,350.9	0.00	0.00	0.00	
16,700.0	90.00	179.58	12,495.0	-4,450.8	32.6	4,450.9	0.00	0.00	0.00	
16,800.0	90.00	179.58	12,495.0	-4,550.8	33.3	4,550.9	0.00	0.00	0.00	
16,876.4	90.00	179.58	12,495.0	-4,627.2	33.9	4,627.3	0.00	0.00	0.00	
BHL: 330 FSL & 500 FWL										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
SL: 320 FNL & 500 FWL - hit/miss target - Shape - Point	0.00	0.00	0.0	0.0	0.0	387,916.70	732,225.50	32° 3' 51.412 N	103° 35' 1.291 W	
KOP @ 11922 - plan hits target center - Point	0.00	0.00	11,922.0	0.0	0.0	387,916.70	732,225.50	32° 3' 51.412 N	103° 35' 1.291 W	
First Take Point: 330 FN - plan misses target center by 9.4usft at 11950.2usft MD (11950.2 TVD, -0.7 N, 0.0 E) - Point	0.00	0.00	11,950.0	-10.1	0.2	387,906.60	732,225.70	32° 3' 51.312 N	103° 35' 1.289 W	
BHL: 330 FSL & 500 FW - plan hits target center - Point	0.00	0.00	12,495.0	-4,627.2	33.9	383,289.50	732,259.40	32° 3' 5.620 N	103° 35' 1.270 W	
LP: 891 FNL & 500 FWL - plan hits target center - Point	0.00	0.00	12,495.0	-573.0	4.2	387,343.70	732,229.70	32° 3' 45.742 N	103° 35' 1.288 W	