

Mewbourne Oil Company

Eddy County, New Mexico

Foreigner 33/4 W2JO Fee Com #1H

Sec 33, T23S, R28E

SL: 2450' FSL & 2310' FEL, Sec 33

BHL: 330' FSL & 2310' FEL, Sec 4

Plan: Design #1

Standard Planning Report

26 April, 2016

EXHIBIT 12

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Foreigner 33/4 W2JO Fee Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3108.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 3108.0usft (Original Well Elev)
Site:	Foreigner 33/4 W2JO Fee Com #1H	North Reference:	Grid
Well:	Sec 33, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 2310' FEL, Sec 4		
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		Foreigner 33/4 W2JO Fee Com #1H			
Site Position:		Northing:	458,701.00 usft	Latitude:	32° 15' 39.071 N
From:	Map	Easting:	574,989.00 usft	Longitude:	104° 5' 26.665 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.13

Well	Sec 33, T23S, R28E					
Well Position	+N/-S	0.0 usft	Northing:	458,701.00 usft	Latitude:	32° 15' 39.071 N
	+E/-W	0.0 usft	Easting:	574,989.00 usft	Longitude:	104° 5' 26.665 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	3,108.0 usft	Ground Level:	3,081.0 usft

Wellbore	BHL: 330' FSL & 2310' FEL, Sec 4				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	7.99	60.18	48,759

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	180.76

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	
9,981.0	0.00	0.00	9,981.0	0.0	0.0	0.00	0.00	0.00	0.00	
10,882.4	90.14	180.76	10,554.0	-574.3	-7.6	10.00	10.00	0.00	-179.24	
17,665.8	90.14	180.76	10,538.0	-7,357.0	-98.0	0.00	0.00	0.00	0.00	BHL: 330' FSL & 2310'

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Site:	Foreigner 33/4 W2JO Fee Com #1H	North Reference:	Grid
Well:	Sec 33, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 2310' FEL, Sec 4		
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
SL: 2450' FSL & 2310' FEL, Sec 33									
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: 330' FSL & 2310' FEL, Sec 4		
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	
9,700.0	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	
9,981.0	0.00	0.00	9,981.0	0.0	0.0	0.0	0.00	0.00	0.00	
KOP @ 9981'										
10,000.0	1.90	180.76	10,000.0	-0.3	0.0	0.3	9.98	9.98	0.00	
10,100.0	11.90	180.76	10,099.1	-12.3	-0.2	12.3	10.00	10.00	0.00	
10,200.0	21.90	180.76	10,194.7	-41.3	-0.6	41.3	10.00	10.00	0.00	
10,300.0	31.90	180.76	10,283.8	-86.5	-1.2	86.5	10.00	10.00	0.00	

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Wellbore:	BHL: 330' FSL & 2310' FEL, Sec 4		
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)
10,390.3	40.92	180.76	10,356.3	-140.0	-1.9	140.0	10.00	10.00	0.00
FTP: 2310' FSL & 2310' FEL, Sec 33									
10,400.0	41.90	180.76	10,363.7	-146.5	-2.0	146.5	10.00	10.00	0.00
10,500.0	51.90	180.76	10,431.9	-219.4	-2.9	219.4	10.00	10.00	0.00
10,600.0	61.90	180.76	10,486.4	-303.0	-4.0	303.1	10.00	10.00	0.00
10,700.0	71.90	180.76	10,525.6	-394.9	-5.3	394.9	10.00	10.00	0.00
10,800.0	81.90	180.76	10,548.3	-492.1	-6.6	492.2	10.00	10.00	0.00
10,882.4	90.14	180.76	10,554.0	-574.3	-7.7	574.4	10.00	10.00	0.00
LP: 1875' FSL & 2310' FEL, Sec 33									
10,900.0	90.14	180.76	10,554.0	-591.9	-7.9	591.9	0.00	0.00	0.00
11,000.0	90.14	180.76	10,553.7	-691.9	-9.2	691.9	0.00	0.00	0.00
11,100.0	90.14	180.76	10,553.5	-791.8	-10.5	791.9	0.00	0.00	0.00
11,200.0	90.14	180.76	10,553.3	-891.8	-11.9	891.9	0.00	0.00	0.00
11,300.0	90.14	180.76	10,553.0	-991.8	-13.2	991.9	0.00	0.00	0.00
11,400.0	90.14	180.76	10,552.8	-1,091.8	-14.5	1,091.9	0.00	0.00	0.00
11,500.0	90.14	180.76	10,552.5	-1,191.8	-15.9	1,191.9	0.00	0.00	0.00
11,600.0	90.14	180.76	10,552.3	-1,291.8	-17.2	1,291.9	0.00	0.00	0.00
11,700.0	90.14	180.76	10,552.1	-1,391.8	-18.5	1,391.9	0.00	0.00	0.00
11,800.0	90.14	180.76	10,551.8	-1,491.8	-19.9	1,491.9	0.00	0.00	0.00
11,900.0	90.14	180.76	10,551.6	-1,591.8	-21.2	1,591.9	0.00	0.00	0.00
12,000.0	90.14	180.76	10,551.4	-1,691.8	-22.5	1,691.9	0.00	0.00	0.00
12,100.0	90.14	180.76	10,551.1	-1,791.8	-23.9	1,791.9	0.00	0.00	0.00
12,200.0	90.14	180.76	10,550.9	-1,891.7	-25.2	1,891.9	0.00	0.00	0.00
12,300.0	90.14	180.76	10,550.7	-1,991.7	-26.5	1,991.9	0.00	0.00	0.00
12,400.0	90.14	180.76	10,550.4	-2,091.7	-27.9	2,091.9	0.00	0.00	0.00
12,500.0	90.14	180.76	10,550.2	-2,191.7	-29.2	2,191.9	0.00	0.00	0.00
12,600.0	90.14	180.76	10,549.9	-2,291.7	-30.5	2,291.9	0.00	0.00	0.00
12,700.0	90.14	180.76	10,549.7	-2,391.7	-31.9	2,391.9	0.00	0.00	0.00
12,800.0	90.14	180.76	10,549.5	-2,491.7	-33.2	2,491.9	0.00	0.00	0.00
12,900.0	90.14	180.76	10,549.2	-2,591.7	-34.5	2,591.9	0.00	0.00	0.00
13,000.0	90.14	180.76	10,549.0	-2,691.7	-35.9	2,691.9	0.00	0.00	0.00
13,100.0	90.14	180.76	10,548.8	-2,791.7	-37.2	2,791.9	0.00	0.00	0.00
13,200.0	90.14	180.76	10,548.5	-2,891.7	-38.5	2,891.9	0.00	0.00	0.00
13,300.0	90.14	180.76	10,548.3	-2,991.6	-39.9	2,991.9	0.00	0.00	0.00
13,400.0	90.14	180.76	10,548.1	-3,091.6	-41.2	3,091.9	0.00	0.00	0.00
13,500.0	90.14	180.76	10,547.8	-3,191.6	-42.5	3,191.9	0.00	0.00	0.00
13,600.0	90.14	180.76	10,547.6	-3,291.6	-43.8	3,291.9	0.00	0.00	0.00
13,700.0	90.14	180.76	10,547.4	-3,391.6	-45.2	3,391.9	0.00	0.00	0.00
13,800.0	90.14	180.76	10,547.1	-3,491.6	-46.5	3,491.9	0.00	0.00	0.00
13,900.0	90.14	180.76	10,546.9	-3,591.6	-47.8	3,591.9	0.00	0.00	0.00
14,000.0	90.14	180.76	10,546.6	-3,691.6	-49.2	3,691.9	0.00	0.00	0.00
14,100.0	90.14	180.76	10,546.4	-3,791.6	-50.5	3,791.9	0.00	0.00	0.00
14,200.0	90.14	180.76	10,546.2	-3,891.6	-51.8	3,891.9	0.00	0.00	0.00
14,300.0	90.14	180.76	10,545.9	-3,991.6	-53.2	3,991.9	0.00	0.00	0.00
14,400.0	90.14	180.76	10,545.7	-4,091.5	-54.5	4,091.9	0.00	0.00	0.00
14,500.0	90.14	180.76	10,545.5	-4,191.5	-55.8	4,191.9	0.00	0.00	0.00
14,600.0	90.14	180.76	10,545.2	-4,291.5	-57.2	4,291.9	0.00	0.00	0.00
14,700.0	90.14	180.76	10,545.0	-4,391.5	-58.5	4,391.9	0.00	0.00	0.00
14,800.0	90.14	180.76	10,544.8	-4,491.5	-59.8	4,491.9	0.00	0.00	0.00
14,900.0	90.14	180.76	10,544.5	-4,591.5	-61.2	4,591.9	0.00	0.00	0.00
15,000.0	90.14	180.76	10,544.3	-4,691.5	-62.5	4,691.9	0.00	0.00	0.00
15,100.0	90.14	180.76	10,544.1	-4,791.5	-63.8	4,791.9	0.00	0.00	0.00
15,200.0	90.14	180.76	10,543.8	-4,891.5	-65.2	4,891.9	0.00	0.00	0.00
15,300.0	90.14	180.76	10,543.6	-4,991.5	-66.5	4,991.9	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Foreigner 33/4 W2JO Fee Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3108.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 3108.0usft (Original Well Elev)
Site:	Foreigner 33/4 W2JO Fee Com #1H	North Reference:	Grid
Well:	Sec 33, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 2310' FEL, Sec 4		
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	90.14	180.76	10,543.3	-5,091.5	-67.8	5,091.9	0.00	0.00	0.00
15,500.0	90.14	180.76	10,543.1	-5,191.4	-69.2	5,191.9	0.00	0.00	0.00
15,600.0	90.14	180.76	10,542.9	-5,291.4	-70.5	5,291.9	0.00	0.00	0.00
15,700.0	90.14	180.76	10,542.6	-5,391.4	-71.8	5,391.9	0.00	0.00	0.00
15,800.0	90.14	180.76	10,542.4	-5,491.4	-73.1	5,491.9	0.00	0.00	0.00
15,900.0	90.14	180.76	10,542.2	-5,591.4	-74.5	5,591.9	0.00	0.00	0.00
16,000.0	90.14	180.76	10,541.9	-5,691.4	-75.8	5,691.9	0.00	0.00	0.00
16,100.0	90.14	180.76	10,541.7	-5,791.4	-77.1	5,791.9	0.00	0.00	0.00
16,200.0	90.14	180.76	10,541.5	-5,891.4	-78.5	5,891.9	0.00	0.00	0.00
16,300.0	90.14	180.76	10,541.2	-5,991.4	-79.8	5,991.9	0.00	0.00	0.00
16,400.0	90.14	180.76	10,541.0	-6,091.4	-81.1	6,091.9	0.00	0.00	0.00
16,500.0	90.14	180.76	10,540.7	-6,191.4	-82.5	6,191.9	0.00	0.00	0.00
16,600.0	90.14	180.76	10,540.5	-6,291.3	-83.8	6,291.9	0.00	0.00	0.00
16,700.0	90.14	180.76	10,540.3	-6,391.3	-85.1	6,391.9	0.00	0.00	0.00
16,800.0	90.14	180.76	10,540.0	-6,491.3	-86.5	6,491.9	0.00	0.00	0.00
16,900.0	90.14	180.76	10,539.8	-6,591.3	-87.8	6,591.9	0.00	0.00	0.00
17,000.0	90.14	180.76	10,539.6	-6,691.3	-89.1	6,691.9	0.00	0.00	0.00
17,100.0	90.14	180.76	10,539.3	-6,791.3	-90.5	6,791.9	0.00	0.00	0.00
17,200.0	90.14	180.76	10,539.1	-6,891.3	-91.8	6,891.9	0.00	0.00	0.00
17,300.0	90.14	180.76	10,538.9	-6,991.3	-93.1	6,991.9	0.00	0.00	0.00
17,400.0	90.14	180.76	10,538.6	-7,091.3	-94.5	7,091.9	0.00	0.00	0.00
17,500.0	90.14	180.76	10,538.4	-7,191.3	-95.8	7,191.9	0.00	0.00	0.00
17,600.0	90.14	180.76	10,538.2	-7,291.2	-97.1	7,291.9	0.00	0.00	0.00
17,665.8	90.14	180.76	10,538.0	-7,357.0	-98.0	7,357.7	0.00	0.00	0.00

BHL: 330' FSL & 2310' FEL, Sec 4

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SL: 2450' FSL & 2310' F - hit/miss target - Shape - Point	0.00	0.00	0.0	0.0	0.0	458,701.00	574,989.00	32° 15' 39.071 N	104° 5' 26.665 W
KOP @ 9981' - plan hits target center - Point	0.00	0.00	9,981.0	0.0	0.0	458,701.00	574,989.00	32° 15' 39.071 N	104° 5' 26.665 W
FTP: 2310' FSL & 2310' - plan hits target center - Point	0.00	0.00	10,356.3	-140.0	-1.9	458,561.00	574,987.14	32° 15' 37.685 N	104° 5' 26.690 W
BHL: 330' FSL & 2310' F - plan hits target center - Point	0.00	0.00	10,538.0	-7,357.0	-98.0	451,344.00	574,891.00	32° 14' 26.266 N	104° 5' 27.999 W
LP: 1875' FSL & 2310' F - plan misses target center by 0.1usft at 10882.4usft MD (10554.0 TVD, -574.3 N, -7.7 E) - Point	0.00	0.00	10,554.0	-574.3	-7.6	458,126.70	574,981.40	32° 15' 33.388 N	104° 5' 26.768 W

Foreigner 33/4 W2JO Fee Com #1H

