

HOBBS OGD

APR 29 2016

RECEIVED

Mewbourne Oil Company

Lea County, New Mexico

Pepper Ridge 15 W1CN Fed Com #2H

Sec 15, T26S, R33E

SL: 185' FNL & 2310' FWL

BHL: 330' FSL & 2310' FWL

Plan: Design #1

Standard Planning Report

04 January, 2016

MAY 03 2016

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Pepper Ridge 15 W1CN Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3328.0usft (Original Well Elev)
Project:	Lea County, New Mexico	MD Reference:	WELL @ 3328.0usft (Original Well Elev)
Site:	Pepper Ridge 15 W1CN Fed Com #2H	North Reference:	Grid
Well:	Sec 15, T26S, R33E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 2310' 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	Pepper Ridge 15 W1CN Fed Com #2H		
Site Position:		Northing:	382,809.00 usft
From:	Map	Easting:	739,352.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16"
		Latitude:	32° 3' 0.370 N
		Longitude:	103° 33' 38.904 W
		Grid Convergence:	0.41°

Well	Sec 15, T26S, R33E		
Well Position	+N/-S	0.0 usft	Northing: 382,809.00 usft
	+E/-W	0.0 usft	Easting: 739,352.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	3,328.0 usft
		Latitude:	32° 3' 0.370 N
		Longitude:	103° 33' 38.904 W
		Ground Level:	3,301.0 usft

Wellbore:	BHL: 330' FSL & 2310' FWL		
Magnetics	Model Name	Sample Date	Declination
	IGRF2010	1/4/2016	7.01
			Dip Angle
			59.91
			Field Strength
			48,058 (nT)

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
			179.54

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	
11,815.0	0.00	0.00	11,815.0	0.0	0.0	0.00	0.00	0.00	0.00	
12,706.6	89.14	179.54	12,388.0	-564.4	4.5	10.00	10.00	0.00	179.54	
16,910.7	89.14	179.54	12,451.0	-4,768.0	38.0	0.00	0.00	0.00	0.00	BHL: 330' FSL & 2310'

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Wellbore:	BHL: 330' FSL & 2310' FWL		
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: 185' FNL & 2310' 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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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	

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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	
11,815.0	0.00	0.00	11,815.0	0.0	0.0	0.0	0.00	0.00	0.00	
KOP @ 11815'										
11,900.0	8.50	179.54	11,899.7	-6.3	0.1	6.3	10.00	10.00	0.00	
12,000.0	18.49	179.54	11,996.8	-29.6	0.2	29.6	10.00	10.00	0.00	
12,100.0	28.49	179.54	12,088.4	-69.4	0.6	69.4	10.00	10.00	0.00	
12,200.0	38.49	179.54	12,171.7	-124.5	1.0	124.5	10.00	10.00	0.00	
12,231.8	41.67	179.54	12,196.0	-145.0	1.2	145.0	10.00	10.00	0.00	
First Take Point: 330' FNL & 2310' FWL										
12,300.0	48.49	179.54	12,244.1	-193.2	1.5	193.3	10.00	10.00	0.00	
12,400.0	58.49	179.54	12,303.6	-273.5	2.2	273.5	10.00	10.00	0.00	
12,500.0	68.49	179.54	12,348.1	-362.9	2.9	362.9	10.00	10.00	0.00	
12,600.0	78.49	179.54	12,376.5	-458.6	3.7	458.7	10.00	10.00	0.00	
12,700.0	88.49	179.54	12,387.9	-557.9	4.4	557.9	10.00	10.00	0.00	
12,706.5	89.14	179.54	12,388.0	-564.4	4.5	564.4	10.00	10.00	0.00	
LP: 750' FNL & 2310' FWL										
12,800.0	89.14	179.54	12,389.4	-657.8	5.2	657.9	0.00	0.00	0.00	
12,900.0	89.14	179.54	12,390.9	-757.8	6.0	757.9	0.00	0.00	0.00	
13,000.0	89.14	179.54	12,392.4	-857.8	6.8	857.8	0.00	0.00	0.00	
13,100.0	89.14	179.54	12,393.9	-957.8	7.6	957.8	0.00	0.00	0.00	
13,200.0	89.14	179.54	12,395.4	-1,057.8	8.4	1,057.8	0.00	0.00	0.00	
13,300.0	89.14	179.54	12,396.9	-1,157.8	9.2	1,157.8	0.00	0.00	0.00	
13,400.0	89.14	179.54	12,398.4	-1,257.8	10.0	1,257.8	0.00	0.00	0.00	
13,500.0	89.14	179.54	12,399.9	-1,357.7	10.8	1,357.8	0.00	0.00	0.00	
13,600.0	89.14	179.54	12,401.4	-1,457.7	11.6	1,457.8	0.00	0.00	0.00	
13,700.0	89.14	179.54	12,402.9	-1,557.7	12.4	1,557.8	0.00	0.00	0.00	
13,800.0	89.14	179.54	12,404.4	-1,657.7	13.2	1,657.8	0.00	0.00	0.00	
13,900.0	89.14	179.54	12,405.9	-1,757.7	14.0	1,757.7	0.00	0.00	0.00	
14,000.0	89.14	179.54	12,407.4	-1,857.7	14.8	1,857.7	0.00	0.00	0.00	
14,100.0	89.14	179.54	12,408.9	-1,957.7	15.6	1,957.7	0.00	0.00	0.00	
14,200.0	89.14	179.54	12,410.4	-2,057.6	16.4	2,057.7	0.00	0.00	0.00	
14,300.0	89.14	179.54	12,411.9	-2,157.6	17.2	2,157.7	0.00	0.00	0.00	
14,400.0	89.14	179.54	12,413.4	-2,257.6	18.0	2,257.7	0.00	0.00	0.00	
14,500.0	89.14	179.54	12,414.9	-2,357.6	18.8	2,357.7	0.00	0.00	0.00	
14,600.0	89.14	179.54	12,416.4	-2,457.6	19.6	2,457.7	0.00	0.00	0.00	
14,700.0	89.14	179.54	12,417.9	-2,557.6	20.4	2,557.7	0.00	0.00	0.00	
14,800.0	89.14	179.54	12,419.4	-2,657.6	21.2	2,657.6	0.00	0.00	0.00	
14,900.0	89.14	179.54	12,420.9	-2,757.5	22.0	2,757.6	0.00	0.00	0.00	
15,000.0	89.14	179.54	12,422.4	-2,857.5	22.8	2,857.6	0.00	0.00	0.00	
15,100.0	89.14	179.54	12,423.9	-2,957.5	23.6	2,957.6	0.00	0.00	0.00	
15,200.0	89.14	179.54	12,425.4	-3,057.5	24.4	3,057.6	0.00	0.00	0.00	
15,300.0	89.14	179.54	12,426.9	-3,157.5	25.2	3,157.6	0.00	0.00	0.00	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Pepper Ridge 15 W1CN Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3328.0usft (Original Well Elev)
Project:	Lea County, New Mexico	MD Reference:	WELL @ 3328.0usft (Original Well Elev)
Site:	Pepper Ridge 15 W1CN Fed Com #2H	North Reference:	Grid
Well:	Sec 15, T26S, R33E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 2310' FWL		
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	89.14	179.54	12,428.4	-3,257.5	26.0	3,257.6	0.00	0.00	0.00
15,500.0	89.14	179.54	12,429.9	-3,357.5	26.8	3,357.6	0.00	0.00	0.00
15,600.0	89.14	179.54	12,431.4	-3,457.4	27.6	3,457.6	0.00	0.00	0.00
15,700.0	89.14	179.54	12,432.9	-3,557.4	28.4	3,557.5	0.00	0.00	0.00
15,800.0	89.14	179.54	12,434.4	-3,657.4	29.1	3,657.5	0.00	0.00	0.00
15,900.0	89.14	179.54	12,435.9	-3,757.4	29.9	3,757.5	0.00	0.00	0.00
16,000.0	89.14	179.54	12,437.4	-3,857.4	30.7	3,857.5	0.00	0.00	0.00
16,100.0	89.14	179.54	12,438.9	-3,957.4	31.5	3,957.5	0.00	0.00	0.00
16,200.0	89.14	179.54	12,440.3	-4,057.4	32.3	4,057.5	0.00	0.00	0.00
16,300.0	89.14	179.54	12,441.8	-4,157.3	33.1	4,157.5	0.00	0.00	0.00
16,400.0	89.14	179.54	12,443.3	-4,257.3	33.9	4,257.5	0.00	0.00	0.00
16,500.0	89.14	179.54	12,444.8	-4,357.3	34.7	4,357.5	0.00	0.00	0.00
16,600.0	89.14	179.54	12,446.3	-4,457.3	35.5	4,457.4	0.00	0.00	0.00
16,700.0	89.14	179.54	12,447.8	-4,557.3	36.3	4,557.4	0.00	0.00	0.00
16,800.0	89.14	179.54	12,449.3	-4,657.3	37.1	4,657.4	0.00	0.00	0.00
16,900.0	89.14	179.54	12,450.8	-4,757.3	37.9	4,757.4	0.00	0.00	0.00
16,910.7	89.14	179.54	12,451.0	-4,768.0	38.0	4,768.2	0.00	0.00	0.00
BHL: 330' FSL & 2310' FWL, Sec 15									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SL: 185' FNL & 2310' FV - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	382,809.00	739,352.00	32° 3' 0.370 N	103° 33' 38.904 W
KOP @ 11815' - plan hits target center - Point	0.00	0.00	11,815.0	0.0	0.0	382,809.00	739,352.00	32° 3' 0.370 N	103° 33' 38.904 W
First Take Point: 330' FN - plan hits target center - Point	0.00	0.00	12,196.0	-145.0	1.2	382,664.00	739,353.15	32° 2' 58.935 N	103° 33' 38.903 W
LP: 750' FNL & 2310' FV - plan hits target center - Point	0.00	0.00	12,388.0	-564.4	4.5	382,244.60	739,356.50	32° 2' 54.785 N	103° 33' 38.899 W
BHL: 330' FSL & 2310' F - plan hits target center - Point	0.00	0.00	12,451.0	-4,768.0	38.0	378,041.00	739,390.00	32° 2' 13.185 N	103° 33' 38.859 W

Notes Regarding Blowout Preventer

Mewbourne Oil Company

Pepper Ridge 15 W1CN Fed Com #2H

185' FNL & 2310' FWL (SHL)

Sec 15-T26S-R33E

Lea County, New Mexico

- I. Drilling nipple (bell nipple) to be constructed so that it can be removed without the use of a welder through the opening of the rotary table, with minimum internal diameter equal to blowout preventer bore.
- II. Blowout preventer and all fittings must be in good condition with a minimum 2000 psi working pressure on 13 3/8" casing and 3000 psi working pressure on 9 5/8" & 7" casing.
- III. Safety valve must be available on the rig floor at all times with proper connections to install in the drill string. Valve must be full bore with minimum 3000 psi working pressure.
- IV. Equipment through which bit must pass shall be at least as large as internal diameter of the casing.
- V. A kelly cock shall be installed on the kelly at all times.

Blowout preventer closing equipment to include an accumulator of at least 40 gallon capacity, two independent sources of pressure on closing unit, and meet all other API specifications.