

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Mewbourne Oil Company

Lea County, New Mexico NAD 83

North Wilson Deep Unit #3H

Sec. 17, T21S, R35E

SHL: 2360' FNL & 1511' FWL, Sec. 17

BHL: 2540' FNL & 440' FWL, Sec. 29

Plan: Design #1

Standard Planning Report

28 September, 2021

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site North Wilson Deep Unit #3H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3690.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3690.0usft (Original Well Elev)
Site:	North Wilson Deep Unit #3H	North Reference:	Grid
Well:	Sec. 17, T21S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 2540' FNL & 440' FWL, Sec. 29		
Design:	Design #1		

Project	Lea County, New Mexico NAD 83		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	North Wilson Deep Unit #3H					
Site Position:		Northing:	539,558.00	usft	Latitude:	32.4797973
From:	Map	Easting:	831,202.00	usft	Longitude:	-103.3933406
Position Uncertainty:	0.0	usft	Slot Radius:	13-3/16	"	

Well	Sec. 17, T21S, R35E					
Well Position	+N/-S	0.0 usft	Northing:	539,558.00 usft	Latitude:	32.4797973
	+E/-W	0.0 usft	Easting:	831,202.00 usft	Longitude:	-103.3933406
Position Uncertainty		0.0 usft	Wellhead Elevation:	3,690.0 usft	Ground Level:	3,662.0 usft
Grid Convergence:		0.50 °				

Wellbore	BHL: 2540' FNL & 440' FWL, Sec. 29				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/31/2014	7.08	60.36	48,432.53911991

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	185.20	

Plan Survey Tool Program	Date	9/27/2021			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	20,724.4	Design #1 (BHL: 2540' FNL & 440		

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	
1,790.0	0.00	0.00	1,790.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,221.9	8.64	279.69	2,220.2	5.5	-32.0	2.00	2.00	0.00	279.69	
9,030.6	8.64	279.69	8,951.8	177.5	-1,040.0	0.00	0.00	0.00	0.00	
9,462.5	0.00	0.01	9,382.0	183.0	-1,072.0	2.00	-2.00	0.00	180.00	KOP: 2167' FNL & 44
10,353.4	89.07	179.51	9,955.0	-380.8	-1,067.2	10.00	10.00	0.00	179.51	
20,724.4	89.07	179.51	10,123.0	-10,750.0	-979.0	0.00	0.00	0.00	0.00	BHL: 2540' FNL & 44

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site North Wilson Deep Unit #3H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3690.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3690.0usft (Original Well Elev)
Site:	North Wilson Deep Unit #3H	North Reference:	Grid
Well:	Sec. 17, T21S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 2540' FNL & 440' FWL, Sec. 29		
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
SHL: 2360' FNL & 1511' FWL (17)									
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
1,790.0	0.00	0.00	1,790.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.20	279.69	1,800.0	0.0	0.0	0.0	2.00	2.00	0.00
1,900.0	2.20	279.69	1,900.0	0.4	-2.1	-0.2	2.00	2.00	0.00
2,000.0	4.20	279.69	1,999.8	1.3	-7.6	-0.6	2.00	2.00	0.00
2,100.0	6.20	279.69	2,099.4	2.8	-16.5	-1.3	2.00	2.00	0.00
2,200.0	8.20	279.69	2,198.6	4.9	-28.9	-2.3	2.00	2.00	0.00
2,221.9	8.64	279.69	2,220.2	5.5	-32.0	-2.5	2.00	2.00	0.00
2,300.0	8.64	279.69	2,297.5	7.4	-43.6	-3.5	0.00	0.00	0.00
2,400.0	8.64	279.69	2,396.3	10.0	-58.4	-4.6	0.00	0.00	0.00
2,500.0	8.64	279.69	2,495.2	12.5	-73.2	-5.8	0.00	0.00	0.00
2,600.0	8.64	279.69	2,594.1	15.0	-88.0	-7.0	0.00	0.00	0.00
2,700.0	8.64	279.69	2,692.9	17.6	-102.8	-8.2	0.00	0.00	0.00
2,800.0	8.64	279.69	2,791.8	20.1	-117.6	-9.3	0.00	0.00	0.00
2,900.0	8.64	279.69	2,890.7	22.6	-132.4	-10.5	0.00	0.00	0.00
3,000.0	8.64	279.69	2,989.5	25.1	-147.2	-11.7	0.00	0.00	0.00
3,100.0	8.64	279.69	3,088.4	27.7	-162.0	-12.9	0.00	0.00	0.00
3,200.0	8.64	279.69	3,187.3	30.2	-176.8	-14.0	0.00	0.00	0.00
3,300.0	8.64	279.69	3,286.1	32.7	-191.6	-15.2	0.00	0.00	0.00
3,400.0	8.64	279.69	3,385.0	35.2	-206.4	-16.4	0.00	0.00	0.00
3,500.0	8.64	279.69	3,483.9	37.8	-221.2	-17.5	0.00	0.00	0.00
3,600.0	8.64	279.69	3,582.7	40.3	-236.0	-18.7	0.00	0.00	0.00
3,700.0	8.64	279.69	3,681.6	42.8	-250.8	-19.9	0.00	0.00	0.00
3,800.0	8.64	279.69	3,780.5	45.3	-265.6	-21.1	0.00	0.00	0.00
3,900.0	8.64	279.69	3,879.3	47.9	-280.5	-22.2	0.00	0.00	0.00
4,000.0	8.64	279.69	3,978.2	50.4	-295.3	-23.4	0.00	0.00	0.00
4,100.0	8.64	279.69	4,077.1	52.9	-310.1	-24.6	0.00	0.00	0.00
4,200.0	8.64	279.69	4,175.9	55.5	-324.9	-25.8	0.00	0.00	0.00
4,300.0	8.64	279.69	4,274.8	58.0	-339.7	-26.9	0.00	0.00	0.00
4,400.0	8.64	279.69	4,373.7	60.5	-354.5	-28.1	0.00	0.00	0.00
4,500.0	8.64	279.69	4,472.5	63.0	-369.3	-29.3	0.00	0.00	0.00
4,600.0	8.64	279.69	4,571.4	65.6	-384.1	-30.5	0.00	0.00	0.00
4,700.0	8.64	279.69	4,670.3	68.1	-398.9	-31.6	0.00	0.00	0.00
4,800.0	8.64	279.69	4,769.1	70.6	-413.7	-32.8	0.00	0.00	0.00
4,900.0	8.64	279.69	4,868.0	73.1	-428.5	-34.0	0.00	0.00	0.00
5,000.0	8.64	279.69	4,966.9	75.7	-443.3	-35.2	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site North Wilson Deep Unit #3H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3690.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3690.0usft (Original Well Elev)
Site:	North Wilson Deep Unit #3H	North Reference:	Grid
Well:	Sec. 17, T21S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 2540' FNL & 440' FWL, Sec. 29		
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)
5,100.0	8.64	279.69	5,065.7	78.2	-458.1	-36.3	0.00	0.00	0.00
5,200.0	8.64	279.69	5,164.6	80.7	-472.9	-37.5	0.00	0.00	0.00
5,300.0	8.64	279.69	5,263.5	83.3	-487.7	-38.7	0.00	0.00	0.00
5,400.0	8.64	279.69	5,362.3	85.8	-502.5	-39.9	0.00	0.00	0.00
5,500.0	8.64	279.69	5,461.2	88.3	-517.3	-41.0	0.00	0.00	0.00
5,600.0	8.64	279.69	5,560.1	90.8	-532.1	-42.2	0.00	0.00	0.00
5,700.0	8.64	279.69	5,658.9	93.4	-546.9	-43.4	0.00	0.00	0.00
5,800.0	8.64	279.69	5,757.8	95.9	-561.7	-44.6	0.00	0.00	0.00
5,900.0	8.64	279.69	5,856.7	98.4	-576.5	-45.7	0.00	0.00	0.00
6,000.0	8.64	279.69	5,955.5	100.9	-591.3	-46.9	0.00	0.00	0.00
6,100.0	8.64	279.69	6,054.4	103.5	-606.1	-48.1	0.00	0.00	0.00
6,200.0	8.64	279.69	6,153.2	106.0	-620.9	-49.2	0.00	0.00	0.00
6,300.0	8.64	279.69	6,252.1	108.5	-635.7	-50.4	0.00	0.00	0.00
6,400.0	8.64	279.69	6,351.0	111.1	-650.5	-51.6	0.00	0.00	0.00
6,500.0	8.64	279.69	6,449.8	113.6	-665.3	-52.8	0.00	0.00	0.00
6,600.0	8.64	279.69	6,548.7	116.1	-680.2	-53.9	0.00	0.00	0.00
6,700.0	8.64	279.69	6,647.6	118.6	-695.0	-55.1	0.00	0.00	0.00
6,800.0	8.64	279.69	6,746.4	121.2	-709.8	-56.3	0.00	0.00	0.00
6,900.0	8.64	279.69	6,845.3	123.7	-724.6	-57.5	0.00	0.00	0.00
7,000.0	8.64	279.69	6,944.2	126.2	-739.4	-58.6	0.00	0.00	0.00
7,100.0	8.64	279.69	7,043.0	128.7	-754.2	-59.8	0.00	0.00	0.00
7,200.0	8.64	279.69	7,141.9	131.3	-769.0	-61.0	0.00	0.00	0.00
7,300.0	8.64	279.69	7,240.8	133.8	-783.8	-62.2	0.00	0.00	0.00
7,400.0	8.64	279.69	7,339.6	136.3	-798.6	-63.3	0.00	0.00	0.00
7,500.0	8.64	279.69	7,438.5	138.9	-813.4	-64.5	0.00	0.00	0.00
7,600.0	8.64	279.69	7,537.4	141.4	-828.2	-65.7	0.00	0.00	0.00
7,700.0	8.64	279.69	7,636.2	143.9	-843.0	-66.9	0.00	0.00	0.00
7,800.0	8.64	279.69	7,735.1	146.4	-857.8	-68.0	0.00	0.00	0.00
7,900.0	8.64	279.69	7,834.0	149.0	-872.6	-69.2	0.00	0.00	0.00
8,000.0	8.64	279.69	7,932.8	151.5	-887.4	-70.4	0.00	0.00	0.00
8,100.0	8.64	279.69	8,031.7	154.0	-902.2	-71.6	0.00	0.00	0.00
8,200.0	8.64	279.69	8,130.6	156.5	-917.0	-72.7	0.00	0.00	0.00
8,300.0	8.64	279.69	8,229.4	159.1	-931.8	-73.9	0.00	0.00	0.00
8,400.0	8.64	279.69	8,328.3	161.6	-946.6	-75.1	0.00	0.00	0.00
8,500.0	8.64	279.69	8,427.2	164.1	-961.4	-76.3	0.00	0.00	0.00
8,600.0	8.64	279.69	8,526.0	166.7	-976.2	-77.4	0.00	0.00	0.00
8,700.0	8.64	279.69	8,624.9	169.2	-991.0	-78.6	0.00	0.00	0.00
8,800.0	8.64	279.69	8,723.8	171.7	-1,005.8	-79.8	0.00	0.00	0.00
8,900.0	8.64	279.69	8,822.6	174.2	-1,020.6	-80.9	0.00	0.00	0.00
9,000.0	8.64	279.69	8,921.5	176.8	-1,035.4	-82.1	0.00	0.00	0.00
9,030.6	8.64	279.69	8,951.8	177.5	-1,040.0	-82.5	0.00	0.00	0.00
9,100.0	7.25	279.69	9,020.5	179.1	-1,049.4	-83.2	2.00	-2.00	0.00
9,200.0	5.25	279.69	9,119.9	181.0	-1,060.2	-84.1	2.00	-2.00	0.00
9,300.0	3.25	279.69	9,219.6	182.2	-1,067.5	-84.7	2.00	-2.00	0.00
9,400.0	1.25	279.69	9,319.5	182.9	-1,071.3	-85.0	2.00	-2.00	0.00
9,462.5	0.00	0.01	9,382.0	183.0	-1,072.0	-85.0	2.00	-2.00	0.00
KOP: 2167' FNL & 440' FWL (17)									
9,500.0	3.75	179.51	9,419.5	181.8	-1,072.0	-83.8	10.00	10.00	0.00
9,550.0	8.75	179.51	9,469.2	176.3	-1,071.9	-78.4	10.00	10.00	0.00
9,600.0	13.75	179.51	9,518.2	166.6	-1,071.9	-68.7	10.00	10.00	0.00
9,650.0	18.75	179.51	9,566.2	152.6	-1,071.7	-54.8	10.00	10.00	0.00
9,700.0	23.75	179.51	9,612.8	134.5	-1,071.6	-36.7	10.00	10.00	0.00
9,750.0	28.75	179.51	9,657.6	112.4	-1,071.4	-14.7	10.00	10.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site North Wilson Deep Unit #3H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3690.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3690.0usft (Original Well Elev)
Site:	North Wilson Deep Unit #3H	North Reference:	Grid
Well:	Sec. 17, T21S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 2540' FNL & 440' FWL, Sec. 29		
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)
9,800.0	33.74	179.51	9,700.3	86.5	-1,071.2	11.1	10.00	10.00	0.00
9,850.0	38.74	179.51	9,740.6	56.9	-1,070.9	40.5	10.00	10.00	0.00
9,900.0	43.74	179.51	9,778.2	24.0	-1,070.6	73.2	10.00	10.00	0.00
9,950.0	48.74	179.51	9,812.8	-12.1	-1,070.3	109.2	10.00	10.00	0.00
10,000.0	53.74	179.51	9,844.1	-51.1	-1,070.0	148.0	10.00	10.00	0.00
10,050.0	58.74	179.51	9,871.9	-92.7	-1,069.7	189.3	10.00	10.00	0.00
10,100.0	63.74	179.51	9,895.9	-136.5	-1,069.3	232.9	10.00	10.00	0.00
10,150.0	68.74	179.51	9,916.1	-182.2	-1,068.9	278.4	10.00	10.00	0.00
10,200.0	73.74	179.51	9,932.1	-229.6	-1,068.5	325.5	10.00	10.00	0.00
10,250.0	78.74	179.51	9,944.0	-278.1	-1,068.1	373.8	10.00	10.00	0.00
10,300.0	83.73	179.51	9,951.7	-327.5	-1,067.7	423.0	10.00	10.00	0.00
10,353.4	89.07	179.51	9,955.0	-380.8	-1,067.2	476.0	10.00	10.00	0.00
10,362.6	89.07	179.51	9,955.1	-390.0	-1,067.1	485.2	0.00	0.00	0.00
FTP/LP: 2541' FSL & 440' FWL (17)									
10,400.0	89.07	179.51	9,955.8	-427.4	-1,066.8	522.4	0.00	0.00	0.00
10,500.0	89.07	179.51	9,957.4	-527.4	-1,066.0	621.9	0.00	0.00	0.00
10,600.0	89.07	179.51	9,959.0	-627.3	-1,065.1	721.4	0.00	0.00	0.00
10,700.0	89.07	179.51	9,960.6	-727.3	-1,064.3	820.9	0.00	0.00	0.00
10,800.0	89.07	179.51	9,962.2	-827.3	-1,063.4	920.3	0.00	0.00	0.00
10,900.0	89.07	179.51	9,963.9	-927.3	-1,062.6	1,019.8	0.00	0.00	0.00
11,000.0	89.07	179.51	9,965.5	-1,027.3	-1,061.7	1,119.3	0.00	0.00	0.00
11,100.0	89.07	179.51	9,967.1	-1,127.3	-1,060.9	1,218.8	0.00	0.00	0.00
11,200.0	89.07	179.51	9,968.7	-1,227.2	-1,060.0	1,318.3	0.00	0.00	0.00
11,300.0	89.07	179.51	9,970.3	-1,327.2	-1,059.2	1,417.8	0.00	0.00	0.00
11,400.0	89.07	179.51	9,972.0	-1,427.2	-1,058.3	1,517.3	0.00	0.00	0.00
11,500.0	89.07	179.51	9,973.6	-1,527.2	-1,057.5	1,616.8	0.00	0.00	0.00
11,600.0	89.07	179.51	9,975.2	-1,627.2	-1,056.6	1,716.3	0.00	0.00	0.00
11,700.0	89.07	179.51	9,976.8	-1,727.2	-1,055.8	1,815.8	0.00	0.00	0.00
11,800.0	89.07	179.51	9,978.4	-1,827.1	-1,054.9	1,915.3	0.00	0.00	0.00
11,900.0	89.07	179.51	9,980.1	-1,927.1	-1,054.1	2,014.8	0.00	0.00	0.00
12,000.0	89.07	179.51	9,981.7	-2,027.1	-1,053.2	2,114.3	0.00	0.00	0.00
12,100.0	89.07	179.51	9,983.3	-2,127.1	-1,052.3	2,213.8	0.00	0.00	0.00
12,200.0	89.07	179.51	9,984.9	-2,227.1	-1,051.5	2,313.3	0.00	0.00	0.00
12,300.0	89.07	179.51	9,986.5	-2,327.1	-1,050.6	2,412.8	0.00	0.00	0.00
12,400.0	89.07	179.51	9,988.2	-2,427.0	-1,049.8	2,512.3	0.00	0.00	0.00
12,500.0	89.07	179.51	9,989.8	-2,527.0	-1,048.9	2,611.7	0.00	0.00	0.00
12,600.0	89.07	179.51	9,991.4	-2,627.0	-1,048.1	2,711.2	0.00	0.00	0.00
12,700.0	89.07	179.51	9,993.0	-2,727.0	-1,047.2	2,810.7	0.00	0.00	0.00
12,800.0	89.07	179.51	9,994.6	-2,827.0	-1,046.4	2,910.2	0.00	0.00	0.00
12,900.0	89.07	179.51	9,996.3	-2,927.0	-1,045.5	3,009.7	0.00	0.00	0.00
13,000.0	89.07	179.51	9,997.9	-3,026.9	-1,044.7	3,109.2	0.00	0.00	0.00
13,100.0	89.07	179.51	9,999.5	-3,126.9	-1,043.8	3,208.7	0.00	0.00	0.00
13,200.0	89.07	179.51	10,001.1	-3,226.9	-1,043.0	3,308.2	0.00	0.00	0.00
13,300.0	89.07	179.51	10,002.7	-3,326.9	-1,042.1	3,407.7	0.00	0.00	0.00
13,400.0	89.07	179.51	10,004.4	-3,426.9	-1,041.3	3,507.2	0.00	0.00	0.00
13,500.0	89.07	179.51	10,006.0	-3,526.9	-1,040.4	3,606.7	0.00	0.00	0.00
13,600.0	89.07	179.51	10,007.6	-3,626.8	-1,039.6	3,706.2	0.00	0.00	0.00
13,700.0	89.07	179.51	10,009.2	-3,726.8	-1,038.7	3,805.7	0.00	0.00	0.00
13,800.0	89.07	179.51	10,010.8	-3,826.8	-1,037.9	3,905.2	0.00	0.00	0.00
13,900.0	89.07	179.51	10,012.5	-3,926.8	-1,037.0	4,004.7	0.00	0.00	0.00
14,000.0	89.07	179.51	10,014.1	-4,026.8	-1,036.2	4,104.2	0.00	0.00	0.00
14,100.0	89.07	179.51	10,015.7	-4,126.8	-1,035.3	4,203.6	0.00	0.00	0.00
14,200.0	89.07	179.51	10,017.3	-4,226.7	-1,034.5	4,303.1	0.00	0.00	0.00
14,300.0	89.07	179.51	10,018.9	-4,326.7	-1,033.6	4,402.6	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site North Wilson Deep Unit #3H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3690.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3690.0usft (Original Well Elev)
Site:	North Wilson Deep Unit #3H	North Reference:	Grid
Well:	Sec. 17, T21S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 2540' FNL & 440' FWL, Sec. 29		
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)
14,400.0	89.07	179.51	10,020.6	-4,426.7	-1,032.8	4,502.1	0.00	0.00	0.00
14,500.0	89.07	179.51	10,022.2	-4,526.7	-1,031.9	4,601.6	0.00	0.00	0.00
14,600.0	89.07	179.51	10,023.8	-4,626.7	-1,031.1	4,701.1	0.00	0.00	0.00
14,700.0	89.07	179.51	10,025.4	-4,726.7	-1,030.2	4,800.6	0.00	0.00	0.00
14,800.0	89.07	179.51	10,027.0	-4,826.6	-1,029.4	4,900.1	0.00	0.00	0.00
14,900.0	89.07	179.51	10,028.7	-4,926.6	-1,028.5	4,999.6	0.00	0.00	0.00
15,000.0	89.07	179.51	10,030.3	-5,026.6	-1,027.7	5,099.1	0.00	0.00	0.00
15,100.0	89.07	179.51	10,031.9	-5,126.6	-1,026.8	5,198.6	0.00	0.00	0.00
15,200.0	89.07	179.51	10,033.5	-5,226.6	-1,026.0	5,298.1	0.00	0.00	0.00
15,300.0	89.07	179.51	10,035.1	-5,326.6	-1,025.1	5,397.6	0.00	0.00	0.00
15,400.0	89.07	179.51	10,036.8	-5,426.5	-1,024.3	5,497.1	0.00	0.00	0.00
15,500.0	89.07	179.51	10,038.4	-5,526.5	-1,023.4	5,596.6	0.00	0.00	0.00
15,600.0	89.07	179.51	10,040.0	-5,626.5	-1,022.6	5,696.1	0.00	0.00	0.00
15,700.0	89.07	179.51	10,041.6	-5,726.5	-1,021.7	5,795.6	0.00	0.00	0.00
15,800.0	89.07	179.51	10,043.2	-5,826.5	-1,020.9	5,895.0	0.00	0.00	0.00
15,900.0	89.07	179.51	10,044.8	-5,926.5	-1,020.0	5,994.5	0.00	0.00	0.00
16,000.0	89.07	179.51	10,046.5	-6,026.4	-1,019.2	6,094.0	0.00	0.00	0.00
16,100.0	89.07	179.51	10,048.1	-6,126.4	-1,018.3	6,193.5	0.00	0.00	0.00
16,200.0	89.07	179.51	10,049.7	-6,226.4	-1,017.5	6,293.0	0.00	0.00	0.00
16,300.0	89.07	179.51	10,051.3	-6,326.4	-1,016.6	6,392.5	0.00	0.00	0.00
16,400.0	89.07	179.51	10,052.9	-6,426.4	-1,015.8	6,492.0	0.00	0.00	0.00
16,500.0	89.07	179.51	10,054.6	-6,526.4	-1,014.9	6,591.5	0.00	0.00	0.00
16,600.0	89.07	179.51	10,056.2	-6,626.3	-1,014.1	6,691.0	0.00	0.00	0.00
16,700.0	89.07	179.51	10,057.8	-6,726.3	-1,013.2	6,790.5	0.00	0.00	0.00
16,800.0	89.07	179.51	10,059.4	-6,826.3	-1,012.4	6,890.0	0.00	0.00	0.00
16,900.0	89.07	179.51	10,061.0	-6,926.3	-1,011.5	6,989.5	0.00	0.00	0.00
17,000.0	89.07	179.51	10,062.7	-7,026.3	-1,010.7	7,089.0	0.00	0.00	0.00
17,100.0	89.07	179.51	10,064.3	-7,126.3	-1,009.8	7,188.5	0.00	0.00	0.00
17,200.0	89.07	179.51	10,065.9	-7,226.2	-1,009.0	7,288.0	0.00	0.00	0.00
17,300.0	89.07	179.51	10,067.5	-7,326.2	-1,008.1	7,387.5	0.00	0.00	0.00
17,400.0	89.07	179.51	10,069.1	-7,426.2	-1,007.3	7,487.0	0.00	0.00	0.00
17,500.0	89.07	179.51	10,070.8	-7,526.2	-1,006.4	7,586.4	0.00	0.00	0.00
17,600.0	89.07	179.51	10,072.4	-7,626.2	-1,005.6	7,685.9	0.00	0.00	0.00
17,700.0	89.07	179.51	10,074.0	-7,726.2	-1,004.7	7,785.4	0.00	0.00	0.00
17,800.0	89.07	179.51	10,075.6	-7,826.1	-1,003.9	7,884.9	0.00	0.00	0.00
17,900.0	89.07	179.51	10,077.2	-7,926.1	-1,003.0	7,984.4	0.00	0.00	0.00
18,000.0	89.07	179.51	10,078.9	-8,026.1	-1,002.2	8,083.9	0.00	0.00	0.00
18,100.0	89.07	179.51	10,080.5	-8,126.1	-1,001.3	8,183.4	0.00	0.00	0.00
18,200.0	89.07	179.51	10,082.1	-8,226.1	-1,000.5	8,282.9	0.00	0.00	0.00
18,300.0	89.07	179.51	10,083.7	-8,326.1	-999.6	8,382.4	0.00	0.00	0.00
18,400.0	89.07	179.51	10,085.3	-8,426.0	-998.8	8,481.9	0.00	0.00	0.00
18,500.0	89.07	179.51	10,087.0	-8,526.0	-997.9	8,581.4	0.00	0.00	0.00
18,600.0	89.07	179.51	10,088.6	-8,626.0	-997.1	8,680.9	0.00	0.00	0.00
18,700.0	89.07	179.51	10,090.2	-8,726.0	-996.2	8,780.4	0.00	0.00	0.00
18,800.0	89.07	179.51	10,091.8	-8,826.0	-995.4	8,879.9	0.00	0.00	0.00
18,900.0	89.07	179.51	10,093.4	-8,926.0	-994.5	8,979.4	0.00	0.00	0.00
19,000.0	89.07	179.51	10,095.1	-9,025.9	-993.7	9,078.9	0.00	0.00	0.00
19,100.0	89.07	179.51	10,096.7	-9,125.9	-992.8	9,178.4	0.00	0.00	0.00
19,200.0	89.07	179.51	10,098.3	-9,225.9	-992.0	9,277.8	0.00	0.00	0.00
19,300.0	89.07	179.51	10,099.9	-9,325.9	-991.1	9,377.3	0.00	0.00	0.00
19,400.0	89.07	179.51	10,101.5	-9,425.9	-990.3	9,476.8	0.00	0.00	0.00
19,500.0	89.07	179.51	10,103.2	-9,525.9	-989.4	9,576.3	0.00	0.00	0.00
19,600.0	89.07	179.51	10,104.8	-9,625.8	-988.6	9,675.8	0.00	0.00	0.00
19,700.0	89.07	179.51	10,106.4	-9,725.8	-987.7	9,775.3	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site North Wilson Deep Unit #3H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3690.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3690.0usft (Original Well Elev)
Site:	North Wilson Deep Unit #3H	North Reference:	Grid
Well:	Sec. 17, T21S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 2540' FNL & 440' FWL, Sec. 29		
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)	
19,800.0	89.07	179.51	10,108.0	-9,825.8	-986.9	9,874.8	0.00	0.00	0.00	
19,900.0	89.07	179.51	10,109.6	-9,925.8	-986.0	9,974.3	0.00	0.00	0.00	
20,000.0	89.07	179.51	10,111.3	-10,025.8	-985.2	10,073.8	0.00	0.00	0.00	
20,100.0	89.07	179.51	10,112.9	-10,125.8	-984.3	10,173.3	0.00	0.00	0.00	
20,200.0	89.07	179.51	10,114.5	-10,225.7	-983.5	10,272.8	0.00	0.00	0.00	
20,300.0	89.07	179.51	10,116.1	-10,325.7	-982.6	10,372.3	0.00	0.00	0.00	
20,400.0	89.07	179.51	10,117.7	-10,425.7	-981.8	10,471.8	0.00	0.00	0.00	
20,500.0	89.07	179.51	10,119.4	-10,525.7	-980.9	10,571.3	0.00	0.00	0.00	
20,600.0	89.07	179.51	10,121.0	-10,625.7	-980.1	10,670.8	0.00	0.00	0.00	
20,700.0	89.07	179.51	10,122.6	-10,725.7	-979.2	10,770.3	0.00	0.00	0.00	
20,724.4	89.07	179.51	10,123.0	-10,750.0	-979.0	10,794.5	0.00	0.00	0.00	
BHL: 2540' FNL & 440' FWL (29)										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
SHL: 2360' FNL & 1511' - hit/miss target - Shape	0.00	0.00	0.0	0.0	0.0	539,558.00	831,202.00	32.4797973	-103.3933406	
KOP: 2167' FNL & 440' I - plan hits target center - Point	0.00	0.01	9,382.0	183.0	-1,072.0	539,741.00	830,130.00	32.4803261	-103.3968113	
FTP/LP: 2541' FSL & 44 - plan hits target center - Point	0.00	0.00	9,955.1	-390.0	-1,067.1	539,168.00	830,134.87	32.4787512	-103.3968118	
BHL: 2540' FNL & 440' I - plan hits target center - Point	0.00	0.00	10,123.0	-10,750.0	-979.0	528,808.00	830,223.00	32.4502753	-103.3968208	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 59298

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 59298
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	11/2/2021