

Submit a Copy To Appropriate District
Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-55115	
5. Indicate Type of Lease STATE ☐ FEE ☒	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name YARDBIRDS 34/3 FEE	
8. Well Number	713H
9. OGRID Number	14744
10. Pool name or Wildcat PURPLE SAGE;WOLFCAMP (GAS)	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3043' GR	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☐

2. Name of Operator
MEWBOURNE OIL CO

3. Address of Operator
P.O. Box 5270, Hobbs, NM 82441

4. Well Location
Unit Letter K : 2400 feet from the South line and 1820 feet from the West line
Section 34 Township 23S Range 28E NMPM County Eddy

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Mewbourne Oil Company requests that the following changes be made to the approved APD for the Yardbirds 34/3 Fee #713H (API: 30-015-55115):

- Change well name from Yardbirds 34/3 Fee #713H to Yardbirds 27/3 Fee #713H.
- Change SHL from 2400' FSL & 1820' FWL (Sec 34) to 155' FNL & 720' FWL (Sec 27).
- Change BHL from 330' FSL & 1700' FWL (Sec 3) to 330' FSL & 1685 FWL (Sec 3).
- Change Surface Casing set depth from 1200' to 450'.
- Change Production Casing from 7" 26# P110 LTC to 7 5/8" 29.7# HCP110 GBCD.
- Change Liner from 4.5" 13.5# P110 LTC to 5.5" P110 Talon.

Attached is the C102, Casing Assumptions, Directional Plot and Plan that details the above changes.

Spud Date:

8/20/2024

Rig Release Date:

9/22/2024

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Conner Whitley TITLE Enginner DATE 07/25/2024

Type or print name Conner Whitley E-mail address: cwhitley@mewbourne.com PHONE: (806) 202-5974

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP GAS
⁴ Property Code	⁵ Property Name YARDBIRDS 27/3 FEE	⁶ Well Number 713H
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁹ Elevation 3036'

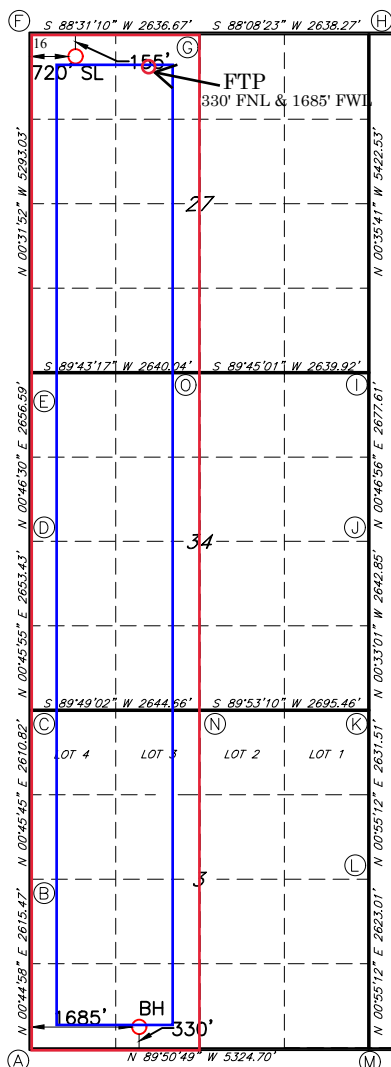
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
D	27	23S	28E		155	NORTH	720	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	3	24S	28E		330	SOUTH	1685	WEST	EDDY
¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



GEODETIC DATA
NAD 83 GRID - NM EAST

SURFACE LOCATION
N: 466781.7 - E: 619192.3

LAT: 32.2830057° N
LONG: 104.0814027° W

BOTTOM HOLE
N: 451418.8 - E: 620068.9

LAT: 32.2407696° N
LONG: 104.0786841° W

CORNER DATA
NAD 83 GRID - NM EAST

A: FOUND 1/2" REBAR I: FOUND 1/2" REBAR
N: 451093.4 - E: 618379.9 N: 461650.7 - E: 623798.9
B: FOUND BRASS CAP "1942" J: FOUND 1/2" REBAR
N: 453708.1 - E: 618414.1 N: 458974.0 - E: 623762.4
C: FOUND BRASS CAP "1942" K: FOUND BRASS CAP "1942"
N: 456318.1 - E: 618448.9 N: 456331.9 - E: 623787.8
D: FOUND 1/2" REBAR L: FOUND BRASS CAP "1942"
N: 458970.7 - E: 618484.3 N: 453701.3 - E: 623745.5
E: FOUND 1/2" REBAR M: FOUND BRASS CAP "1942"
N: 461626.4 - E: 618520.2 N: 451079.2 - E: 623703.4
F: FOUND COTTON SPINDLE N: FOUND BRASS CAP "1942"
N: 466918.0 - E: 618471.2 N: 456326.5 - E: 621092.9
G: FOUND 1/2" REBAR O: FOUND 1" SMOOTH ROD
N: 466986.1 - E: 621106.4 N: 461639.2 - E: 621159.6
H: FOUND COTTON SPINDLE
N: 467071.8 - E: 623742.7

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Conner Whitley 07/11/2024
Signature Date

Conner Whitley

Printed Name

cwhitley@mewbourne.com

E-mail Address

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

06/07/2024

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number

REV: SL MOVE

Job No: LS23030261R

Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Yardbirds 27/3 Fee #713H

Sec 27, T23S, R28E

SHL: 155' FNL & 720' FWL (Sec 27)

BHL: 330' FSL & 1685' FWL (Sec 3)

Plan: Design #1

Standard Planning Report

10 July, 2024

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Yardbirds 27/3 Fee #713H
Company:	Mewbourne Oil Company	TVD Reference:	Original Well @ 3064.0usft
Project:	Eddy County, New Mexico NAD 83	MD Reference:	Original Well @ 3064.0usft
Site:	Yardbirds 27/3 Fee #713H	North Reference:	Grid
Well:	Sec 27, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1685' FWL (Sec 3)		
Design:	Design #1		

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

Site		Yardbirds 27/3 Fee #713H			
Site Position:		Northing:	466,780.80 usft	Latitude:	32.2830033
From:	Map	Easting:	619,191.10 usft	Longitude:	-104.0814065
Position Uncertainty:		0.0 usft	Slot Radius:	13-3/16 "	

Well	Sec 27, T23S, R28E					
Well Position	+N/-S	0.0 usft	Northing:	466,780.80 usft	Latitude:	32.2830033
	+E/-W	0.0 usft	Easting:	619,191.10 usft	Longitude:	-104.0814065
Position Uncertainty		0.0 usft	Wellhead Elevation:	3,064.0 usft	Ground Level:	3,036.0 usft
Grid Convergence:		0.13 °				

Wellbore	BHL: 330' FSL & 1685' FWL (Sec 3)				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/31/2014	7.39	60.07	48,220.18332621

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	176.73	

Plan Survey Tool Program	Date	7/10/2024			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	24,952.8	Design #1 (BHL: 330' FSL & 1685		

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	
400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.00	0.00	
736.7	6.73	79.97	735.9	3.4	19.5	2.00	2.00	0.00	79.97	
8,756.2	6.73	79.97	8,700.1	167.3	945.4	0.00	0.00	0.00	0.00	
9,092.9	0.00	0.00	9,036.0	170.7	964.9	2.00	-2.00	0.00	180.00	KOP: 10' FNL & 1685'
9,994.3	90.13	180.32	9,609.0	-403.6	961.7	10.00	10.00	0.00	-179.68	
24,952.8	90.13	180.32	9,574.0	-15,361.9	878.2	0.00	0.00	0.00	0.00	BHL: 330' FSL & 1685'

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Yardbirds 27/3 Fee #713H
Company:	Mewbourne Oil Company	TVD Reference:	Original Well @ 3064.0usft
Project:	Eddy County, New Mexico NAD 83	MD Reference:	Original Well @ 3064.0usft
Site:	Yardbirds 27/3 Fee #713H	North Reference:	Grid
Well:	Sec 27, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1685' FWL (Sec 3)		
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: 155' FNL & 720' FWL (Sec 27)									
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	2.00	79.97	500.0	0.3	1.7	-0.2	2.00	2.00	0.00
600.0	4.00	79.97	599.8	1.2	6.9	-0.8	2.00	2.00	0.00
700.0	6.00	79.97	699.5	2.7	15.5	-1.8	2.00	2.00	0.00
736.7	6.73	79.97	735.9	3.4	19.5	-2.3	2.00	2.00	0.00
800.0	6.73	79.97	798.8	4.7	26.8	-3.2	0.00	0.00	0.00
900.0	6.73	79.97	898.1	6.8	38.3	-4.6	0.00	0.00	0.00
1,000.0	6.73	79.97	997.4	8.8	49.9	-6.0	0.00	0.00	0.00
1,100.0	6.73	79.97	1,096.7	10.9	61.4	-7.3	0.00	0.00	0.00
1,200.0	6.73	79.97	1,196.0	12.9	73.0	-8.7	0.00	0.00	0.00
1,300.0	6.73	79.97	1,295.3	14.9	84.5	-10.1	0.00	0.00	0.00
1,400.0	6.73	79.97	1,394.6	17.0	96.0	-11.5	0.00	0.00	0.00
1,500.0	6.73	79.97	1,494.0	19.0	107.6	-12.9	0.00	0.00	0.00
1,600.0	6.73	79.97	1,593.3	21.1	119.1	-14.2	0.00	0.00	0.00
1,700.0	6.73	79.97	1,692.6	23.1	130.7	-15.6	0.00	0.00	0.00
1,800.0	6.73	79.97	1,791.9	25.2	142.2	-17.0	0.00	0.00	0.00
1,900.0	6.73	79.97	1,891.2	27.2	153.8	-18.4	0.00	0.00	0.00
2,000.0	6.73	79.97	1,990.5	29.2	165.3	-19.8	0.00	0.00	0.00
2,100.0	6.73	79.97	2,089.8	31.3	176.9	-21.1	0.00	0.00	0.00
2,200.0	6.73	79.97	2,189.1	33.3	188.4	-22.5	0.00	0.00	0.00
2,300.0	6.73	79.97	2,288.4	35.4	200.0	-23.9	0.00	0.00	0.00
2,400.0	6.73	79.97	2,387.8	37.4	211.5	-25.3	0.00	0.00	0.00
2,500.0	6.73	79.97	2,487.1	39.5	223.1	-26.7	0.00	0.00	0.00
2,600.0	6.73	79.97	2,586.4	41.5	234.6	-28.0	0.00	0.00	0.00
2,700.0	6.73	79.97	2,685.7	43.5	246.2	-29.4	0.00	0.00	0.00
2,800.0	6.73	79.97	2,785.0	45.6	257.7	-30.8	0.00	0.00	0.00
2,900.0	6.73	79.97	2,884.3	47.6	269.2	-32.2	0.00	0.00	0.00
3,000.0	6.73	79.97	2,983.6	49.7	280.8	-33.6	0.00	0.00	0.00
3,100.0	6.73	79.97	3,082.9	51.7	292.3	-34.9	0.00	0.00	0.00
3,200.0	6.73	79.97	3,182.2	53.8	303.9	-36.3	0.00	0.00	0.00
3,300.0	6.73	79.97	3,281.5	55.8	315.4	-37.7	0.00	0.00	0.00
3,400.0	6.73	79.97	3,380.9	57.8	327.0	-39.1	0.00	0.00	0.00
3,500.0	6.73	79.97	3,480.2	59.9	338.5	-40.5	0.00	0.00	0.00
3,600.0	6.73	79.97	3,579.5	61.9	350.1	-41.9	0.00	0.00	0.00
3,700.0	6.73	79.97	3,678.8	64.0	361.6	-43.2	0.00	0.00	0.00
3,800.0	6.73	79.97	3,778.1	66.0	373.2	-44.6	0.00	0.00	0.00
3,900.0	6.73	79.97	3,877.4	68.1	384.7	-46.0	0.00	0.00	0.00
4,000.0	6.73	79.97	3,976.7	70.1	396.3	-47.4	0.00	0.00	0.00
4,100.0	6.73	79.97	4,076.0	72.1	407.8	-48.8	0.00	0.00	0.00
4,200.0	6.73	79.97	4,175.3	74.2	419.4	-50.1	0.00	0.00	0.00
4,300.0	6.73	79.97	4,274.6	76.2	430.9	-51.5	0.00	0.00	0.00
4,400.0	6.73	79.97	4,374.0	78.3	442.4	-52.9	0.00	0.00	0.00
4,500.0	6.73	79.97	4,473.3	80.3	454.0	-54.3	0.00	0.00	0.00
4,600.0	6.73	79.97	4,572.6	82.4	465.5	-55.7	0.00	0.00	0.00
4,700.0	6.73	79.97	4,671.9	84.4	477.1	-57.0	0.00	0.00	0.00
4,800.0	6.73	79.97	4,771.2	86.4	488.6	-58.4	0.00	0.00	0.00
4,900.0	6.73	79.97	4,870.5	88.5	500.2	-59.8	0.00	0.00	0.00
5,000.0	6.73	79.97	4,969.8	90.5	511.7	-61.2	0.00	0.00	0.00
5,100.0	6.73	79.97	5,069.1	92.6	523.3	-62.6	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Yardbirds 27/3 Fee #713H
Company:	Mewbourne Oil Company	TVD Reference:	Original Well @ 3064.0usft
Project:	Eddy County, New Mexico NAD 83	MD Reference:	Original Well @ 3064.0usft
Site:	Yardbirds 27/3 Fee #713H	North Reference:	Grid
Well:	Sec 27, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1685' FWL (Sec 3)		
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)
5,200.0	6.73	79.97	5,168.4	94.6	534.8	-63.9	0.00	0.00	0.00
5,300.0	6.73	79.97	5,267.7	96.7	546.4	-65.3	0.00	0.00	0.00
5,400.0	6.73	79.97	5,367.1	98.7	557.9	-66.7	0.00	0.00	0.00
5,500.0	6.73	79.97	5,466.4	100.7	569.5	-68.1	0.00	0.00	0.00
5,600.0	6.73	79.97	5,565.7	102.8	581.0	-69.5	0.00	0.00	0.00
5,700.0	6.73	79.97	5,665.0	104.8	592.6	-70.8	0.00	0.00	0.00
5,800.0	6.73	79.97	5,764.3	106.9	604.1	-72.2	0.00	0.00	0.00
5,900.0	6.73	79.97	5,863.6	108.9	615.6	-73.6	0.00	0.00	0.00
6,000.0	6.73	79.97	5,962.9	111.0	627.2	-75.0	0.00	0.00	0.00
6,100.0	6.73	79.97	6,062.2	113.0	638.7	-76.4	0.00	0.00	0.00
6,200.0	6.73	79.97	6,161.5	115.0	650.3	-77.7	0.00	0.00	0.00
6,300.0	6.73	79.97	6,260.8	117.1	661.8	-79.1	0.00	0.00	0.00
6,400.0	6.73	79.97	6,360.2	119.1	673.4	-80.5	0.00	0.00	0.00
6,500.0	6.73	79.97	6,459.5	121.2	684.9	-81.9	0.00	0.00	0.00
6,600.0	6.73	79.97	6,558.8	123.2	696.5	-83.3	0.00	0.00	0.00
6,700.0	6.73	79.97	6,658.1	125.3	708.0	-84.6	0.00	0.00	0.00
6,800.0	6.73	79.97	6,757.4	127.3	719.6	-86.0	0.00	0.00	0.00
6,900.0	6.73	79.97	6,856.7	129.3	731.1	-87.4	0.00	0.00	0.00
7,000.0	6.73	79.97	6,956.0	131.4	742.7	-88.8	0.00	0.00	0.00
7,100.0	6.73	79.97	7,055.3	133.4	754.2	-90.2	0.00	0.00	0.00
7,200.0	6.73	79.97	7,154.6	135.5	765.8	-91.5	0.00	0.00	0.00
7,300.0	6.73	79.97	7,253.9	137.5	777.3	-92.9	0.00	0.00	0.00
7,400.0	6.73	79.97	7,353.3	139.6	788.8	-94.3	0.00	0.00	0.00
7,500.0	6.73	79.97	7,452.6	141.6	800.4	-95.7	0.00	0.00	0.00
7,600.0	6.73	79.97	7,551.9	143.6	811.9	-97.1	0.00	0.00	0.00
7,700.0	6.73	79.97	7,651.2	145.7	823.5	-98.4	0.00	0.00	0.00
7,800.0	6.73	79.97	7,750.5	147.7	835.0	-99.8	0.00	0.00	0.00
7,900.0	6.73	79.97	7,849.8	149.8	846.6	-101.2	0.00	0.00	0.00
8,000.0	6.73	79.97	7,949.1	151.8	858.1	-102.6	0.00	0.00	0.00
8,100.0	6.73	79.97	8,048.4	153.9	869.7	-104.0	0.00	0.00	0.00
8,200.0	6.73	79.97	8,147.7	155.9	881.2	-105.3	0.00	0.00	0.00
8,300.0	6.73	79.97	8,247.0	157.9	892.8	-106.7	0.00	0.00	0.00
8,400.0	6.73	79.97	8,346.4	160.0	904.3	-108.1	0.00	0.00	0.00
8,500.0	6.73	79.97	8,445.7	162.0	915.9	-109.5	0.00	0.00	0.00
8,600.0	6.73	79.97	8,545.0	164.1	927.4	-110.9	0.00	0.00	0.00
8,700.0	6.73	79.97	8,644.3	166.1	939.0	-112.2	0.00	0.00	0.00
8,756.2	6.73	79.97	8,700.1	167.3	945.4	-113.0	0.00	0.00	0.00
8,800.0	5.86	79.97	8,743.6	168.1	950.2	-113.6	2.00	-2.00	0.00
8,900.0	3.86	79.97	8,843.3	169.6	958.5	-114.6	2.00	-2.00	0.00
9,000.0	1.86	79.97	8,943.1	170.4	963.4	-115.2	2.00	-2.00	0.00
9,092.9	0.00	0.00	9,036.0	170.7	964.9	-115.4	2.00	-2.00	0.00
KOP: 10' FNL & 1685' FWL (Sec 27)									
9,100.0	0.71	180.32	9,043.1	170.7	964.9	-115.3	10.00	10.00	0.00
9,150.0	5.71	180.32	9,093.0	167.9	964.9	-112.5	10.00	10.00	0.00
9,200.0	10.71	180.32	9,142.5	160.7	964.8	-105.4	10.00	10.00	0.00
9,250.0	15.71	180.32	9,191.2	149.3	964.8	-94.0	10.00	10.00	0.00
9,300.0	20.71	180.32	9,238.6	133.7	964.7	-78.4	10.00	10.00	0.00
9,350.0	25.71	180.32	9,284.6	114.0	964.6	-58.7	10.00	10.00	0.00
9,400.0	30.71	180.32	9,328.6	90.3	964.5	-35.2	10.00	10.00	0.00
9,450.0	35.71	180.32	9,370.5	63.0	964.3	-7.8	10.00	10.00	0.00
9,500.0	40.71	180.32	9,409.7	32.1	964.1	23.0	10.00	10.00	0.00
9,550.0	45.71	180.32	9,446.2	-2.2	963.9	57.2	10.00	10.00	0.00
9,600.0	50.71	180.32	9,479.5	-39.4	963.7	94.4	10.00	10.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Yardbirds 27/3 Fee #713H
Company:	Mewbourne Oil Company	TVD Reference:	Original Well @ 3064.0usft
Project:	Eddy County, New Mexico NAD 83	MD Reference:	Original Well @ 3064.0usft
Site:	Yardbirds 27/3 Fee #713H	North Reference:	Grid
Well:	Sec 27, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1685' FWL (Sec 3)		
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)	
9,650.0	55.71	180.32	9,509.4	-79.5	963.5	134.3	10.00	10.00	0.00	
9,700.0	60.71	180.32	9,535.7	-122.0	963.3	176.7	10.00	10.00	0.00	
9,731.0	63.81	180.32	9,550.2	-149.4	963.1	204.1	10.00	10.00	0.00	
FTP: 330' FNL & 1685' FWL (Sec 27)										
9,750.0	65.71	180.32	9,558.3	-166.6	963.0	221.3	10.00	10.00	0.00	
9,800.0	70.71	180.32	9,576.8	-213.0	962.8	267.6	10.00	10.00	0.00	
9,850.0	75.71	180.32	9,591.3	-260.8	962.5	315.3	10.00	10.00	0.00	
9,900.0	80.71	180.32	9,601.5	-309.8	962.2	364.2	10.00	10.00	0.00	
9,950.0	85.71	180.32	9,607.4	-359.4	961.9	413.7	10.00	10.00	0.00	
9,993.1	90.02	180.32	9,609.0	-402.5	961.7	456.7	10.00	10.00	0.00	
LP: 583' FNL & 1685' FWL (Sec 27)										
9,994.3	90.13	180.32	9,609.0	-403.6	961.7	457.9	10.00	10.00	0.00	
10,000.0	90.13	180.32	9,609.0	-409.4	961.7	463.6	0.00	0.00	0.00	
10,100.0	90.13	180.32	9,608.8	-509.3	961.1	563.4	0.00	0.00	0.00	
10,200.0	90.13	180.32	9,608.5	-609.3	960.5	663.2	0.00	0.00	0.00	
10,300.0	90.13	180.32	9,608.3	-709.3	960.0	763.0	0.00	0.00	0.00	
10,400.0	90.13	180.32	9,608.1	-809.3	959.4	862.8	0.00	0.00	0.00	
10,500.0	90.13	180.32	9,607.8	-909.3	958.9	962.6	0.00	0.00	0.00	
10,600.0	90.13	180.32	9,607.6	-1,009.3	958.3	1,062.4	0.00	0.00	0.00	
10,700.0	90.13	180.32	9,607.3	-1,109.3	957.8	1,162.2	0.00	0.00	0.00	
10,800.0	90.13	180.32	9,607.1	-1,209.3	957.2	1,262.0	0.00	0.00	0.00	
10,900.0	90.13	180.32	9,606.9	-1,309.3	956.6	1,361.8	0.00	0.00	0.00	
11,000.0	90.13	180.32	9,606.6	-1,409.3	956.1	1,461.6	0.00	0.00	0.00	
11,100.0	90.13	180.32	9,606.4	-1,509.3	955.5	1,561.4	0.00	0.00	0.00	
11,200.0	90.13	180.32	9,606.2	-1,609.3	955.0	1,661.2	0.00	0.00	0.00	
11,300.0	90.13	180.32	9,605.9	-1,709.3	954.4	1,761.0	0.00	0.00	0.00	
11,400.0	90.13	180.32	9,605.7	-1,809.3	953.8	1,860.8	0.00	0.00	0.00	
11,500.0	90.13	180.32	9,605.5	-1,909.3	953.3	1,960.6	0.00	0.00	0.00	
11,600.0	90.13	180.32	9,605.2	-2,009.3	952.7	2,060.4	0.00	0.00	0.00	
11,700.0	90.13	180.32	9,605.0	-2,109.3	952.2	2,160.2	0.00	0.00	0.00	
11,800.0	90.13	180.32	9,604.8	-2,209.3	951.6	2,260.0	0.00	0.00	0.00	
11,900.0	90.13	180.32	9,604.5	-2,309.3	951.1	2,359.8	0.00	0.00	0.00	
12,000.0	90.13	180.32	9,604.3	-2,409.3	950.5	2,459.6	0.00	0.00	0.00	
12,100.0	90.13	180.32	9,604.1	-2,509.3	949.9	2,559.4	0.00	0.00	0.00	
12,200.0	90.13	180.32	9,603.8	-2,609.3	949.4	2,659.2	0.00	0.00	0.00	
12,300.0	90.13	180.32	9,603.6	-2,709.3	948.8	2,759.0	0.00	0.00	0.00	
12,400.0	90.13	180.32	9,603.4	-2,809.3	948.3	2,858.8	0.00	0.00	0.00	
12,500.0	90.13	180.32	9,603.1	-2,909.3	947.7	2,958.7	0.00	0.00	0.00	
12,600.0	90.13	180.32	9,602.9	-3,009.3	947.1	3,058.5	0.00	0.00	0.00	
12,700.0	90.13	180.32	9,602.7	-3,109.3	946.6	3,158.3	0.00	0.00	0.00	
12,800.0	90.13	180.32	9,602.4	-3,209.3	946.0	3,258.1	0.00	0.00	0.00	
12,900.0	90.13	180.32	9,602.2	-3,309.3	945.5	3,357.9	0.00	0.00	0.00	
13,000.0	90.13	180.32	9,602.0	-3,409.3	944.9	3,457.7	0.00	0.00	0.00	
13,100.0	90.13	180.32	9,601.7	-3,509.3	944.4	3,557.5	0.00	0.00	0.00	
13,200.0	90.13	180.32	9,601.5	-3,609.3	943.8	3,657.3	0.00	0.00	0.00	
13,300.0	90.13	180.32	9,601.3	-3,709.3	943.2	3,757.1	0.00	0.00	0.00	
13,400.0	90.13	180.32	9,601.0	-3,809.3	942.7	3,856.9	0.00	0.00	0.00	
13,500.0	90.13	180.32	9,600.8	-3,909.3	942.1	3,956.7	0.00	0.00	0.00	
13,600.0	90.13	180.32	9,600.6	-4,009.3	941.6	4,056.5	0.00	0.00	0.00	
13,700.0	90.13	180.32	9,600.3	-4,109.3	941.0	4,156.3	0.00	0.00	0.00	
13,800.0	90.13	180.32	9,600.1	-4,209.3	940.5	4,256.1	0.00	0.00	0.00	
13,900.0	90.13	180.32	9,599.9	-4,309.3	939.9	4,355.9	0.00	0.00	0.00	
14,000.0	90.13	180.32	9,599.6	-4,409.3	939.3	4,455.7	0.00	0.00	0.00	
14,100.0	90.13	180.32	9,599.4	-4,509.3	938.8	4,555.5	0.00	0.00	0.00	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Yardbirds 27/3 Fee #713H
Company:	Mewbourne Oil Company	TVD Reference:	Original Well @ 3064.0usft
Project:	Eddy County, New Mexico NAD 83	MD Reference:	Original Well @ 3064.0usft
Site:	Yardbirds 27/3 Fee #713H	North Reference:	Grid
Well:	Sec 27, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1685' FWL (Sec 3)		
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)	
14,200.0	90.13	180.32	9,599.2	-4,609.3	938.2	4,655.3	0.00	0.00	0.00	
14,300.0	90.13	180.32	9,598.9	-4,709.3	937.7	4,755.1	0.00	0.00	0.00	
14,400.0	90.13	180.32	9,598.7	-4,809.3	937.1	4,854.9	0.00	0.00	0.00	
14,500.0	90.13	180.32	9,598.5	-4,909.3	936.5	4,954.7	0.00	0.00	0.00	
14,600.0	90.13	180.32	9,598.2	-5,009.3	936.0	5,054.5	0.00	0.00	0.00	
14,700.0	90.13	180.32	9,598.0	-5,109.3	935.4	5,154.3	0.00	0.00	0.00	
14,800.0	90.13	180.32	9,597.8	-5,209.3	934.9	5,254.1	0.00	0.00	0.00	
14,900.0	90.13	180.32	9,597.5	-5,309.3	934.3	5,353.9	0.00	0.00	0.00	
15,000.0	90.13	180.32	9,597.3	-5,409.3	933.8	5,453.7	0.00	0.00	0.00	
15,100.0	90.13	180.32	9,597.1	-5,509.3	933.2	5,553.5	0.00	0.00	0.00	
15,200.0	90.13	180.32	9,596.8	-5,609.3	932.6	5,653.3	0.00	0.00	0.00	
15,300.0	90.13	180.32	9,596.6	-5,709.3	932.1	5,753.1	0.00	0.00	0.00	
15,400.0	90.13	180.32	9,596.4	-5,809.3	931.5	5,852.9	0.00	0.00	0.00	
15,500.0	90.13	180.32	9,596.1	-5,909.3	931.0	5,952.8	0.00	0.00	0.00	
15,600.0	90.13	180.32	9,595.9	-6,009.2	930.4	6,052.6	0.00	0.00	0.00	
15,700.0	90.13	180.32	9,595.6	-6,109.2	929.8	6,152.4	0.00	0.00	0.00	
15,800.0	90.13	180.32	9,595.4	-6,209.2	929.3	6,252.2	0.00	0.00	0.00	
15,900.0	90.13	180.32	9,595.2	-6,309.2	928.7	6,352.0	0.00	0.00	0.00	
16,000.0	90.13	180.32	9,594.9	-6,409.2	928.2	6,451.8	0.00	0.00	0.00	
16,100.0	90.13	180.32	9,594.7	-6,509.2	927.6	6,551.6	0.00	0.00	0.00	
16,200.0	90.13	180.32	9,594.5	-6,609.2	927.1	6,651.4	0.00	0.00	0.00	
16,300.0	90.13	180.32	9,594.2	-6,709.2	926.5	6,751.2	0.00	0.00	0.00	
16,400.0	90.13	180.32	9,594.0	-6,809.2	925.9	6,851.0	0.00	0.00	0.00	
16,500.0	90.13	180.32	9,593.8	-6,909.2	925.4	6,950.8	0.00	0.00	0.00	
16,600.0	90.13	180.32	9,593.5	-7,009.2	924.8	7,050.6	0.00	0.00	0.00	
16,700.0	90.13	180.32	9,593.3	-7,109.2	924.3	7,150.4	0.00	0.00	0.00	
16,800.0	90.13	180.32	9,593.1	-7,209.2	923.7	7,250.2	0.00	0.00	0.00	
16,900.0	90.13	180.32	9,592.8	-7,309.2	923.1	7,350.0	0.00	0.00	0.00	
17,000.0	90.13	180.32	9,592.6	-7,409.2	922.6	7,449.8	0.00	0.00	0.00	
17,100.0	90.13	180.32	9,592.4	-7,509.2	922.0	7,549.6	0.00	0.00	0.00	
17,200.0	90.13	180.32	9,592.1	-7,609.2	921.5	7,649.4	0.00	0.00	0.00	
17,300.0	90.13	180.32	9,591.9	-7,709.2	920.9	7,749.2	0.00	0.00	0.00	
17,400.0	90.13	180.32	9,591.7	-7,809.2	920.4	7,849.0	0.00	0.00	0.00	
17,500.0	90.13	180.32	9,591.4	-7,909.2	919.8	7,948.8	0.00	0.00	0.00	
17,600.0	90.13	180.32	9,591.2	-8,009.2	919.2	8,048.6	0.00	0.00	0.00	
17,700.0	90.13	180.32	9,591.0	-8,109.2	918.7	8,148.4	0.00	0.00	0.00	
17,800.0	90.13	180.32	9,590.7	-8,209.2	918.1	8,248.2	0.00	0.00	0.00	
17,900.0	90.13	180.32	9,590.5	-8,309.2	917.6	8,348.0	0.00	0.00	0.00	
18,000.0	90.13	180.32	9,590.3	-8,409.2	917.0	8,447.8	0.00	0.00	0.00	
18,100.0	90.13	180.32	9,590.0	-8,509.2	916.5	8,547.6	0.00	0.00	0.00	
18,200.0	90.13	180.32	9,589.8	-8,609.2	915.9	8,647.4	0.00	0.00	0.00	
18,300.0	90.13	180.32	9,589.6	-8,709.2	915.3	8,747.2	0.00	0.00	0.00	
18,400.0	90.13	180.32	9,589.3	-8,809.2	914.8	8,847.0	0.00	0.00	0.00	
18,500.0	90.13	180.32	9,589.1	-8,909.2	914.2	8,946.9	0.00	0.00	0.00	
18,600.0	90.13	180.32	9,588.9	-9,009.2	913.7	9,046.7	0.00	0.00	0.00	
18,700.0	90.13	180.32	9,588.6	-9,109.2	913.1	9,146.5	0.00	0.00	0.00	
18,800.0	90.13	180.32	9,588.4	-9,209.2	912.5	9,246.3	0.00	0.00	0.00	
18,900.0	90.13	180.32	9,588.2	-9,309.2	912.0	9,346.1	0.00	0.00	0.00	
19,000.0	90.13	180.32	9,587.9	-9,409.2	911.4	9,445.9	0.00	0.00	0.00	
19,100.0	90.13	180.32	9,587.7	-9,509.2	910.9	9,545.7	0.00	0.00	0.00	
19,200.0	90.13	180.32	9,587.5	-9,609.2	910.3	9,645.5	0.00	0.00	0.00	
19,300.0	90.13	180.32	9,587.2	-9,709.2	909.8	9,745.3	0.00	0.00	0.00	
19,400.0	90.13	180.32	9,587.0	-9,809.2	909.2	9,845.1	0.00	0.00	0.00	
19,500.0	90.13	180.32	9,586.8	-9,909.2	908.6	9,944.9	0.00	0.00	0.00	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Yardbirds 27/3 Fee #713H
Company:	Mewbourne Oil Company	TVD Reference:	Original Well @ 3064.0usft
Project:	Eddy County, New Mexico NAD 83	MD Reference:	Original Well @ 3064.0usft
Site:	Yardbirds 27/3 Fee #713H	North Reference:	Grid
Well:	Sec 27, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1685' FWL (Sec 3)		
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)
19,600.0	90.13	180.32	9,586.5	-10,009.2	908.1	10,044.7	0.00	0.00	0.00
19,700.0	90.13	180.32	9,586.3	-10,109.2	907.5	10,144.5	0.00	0.00	0.00
19,800.0	90.13	180.32	9,586.1	-10,209.2	907.0	10,244.3	0.00	0.00	0.00
19,900.0	90.13	180.32	9,585.8	-10,309.2	906.4	10,344.1	0.00	0.00	0.00
20,000.0	90.13	180.32	9,585.6	-10,409.2	905.8	10,443.9	0.00	0.00	0.00
20,100.0	90.13	180.32	9,585.4	-10,509.2	905.3	10,543.7	0.00	0.00	0.00
20,200.0	90.13	180.32	9,585.1	-10,609.2	904.7	10,643.5	0.00	0.00	0.00
20,300.0	90.13	180.32	9,584.9	-10,709.2	904.2	10,743.3	0.00	0.00	0.00
20,400.0	90.13	180.32	9,584.7	-10,809.2	903.6	10,843.1	0.00	0.00	0.00
20,500.0	90.13	180.32	9,584.4	-10,909.2	903.1	10,942.9	0.00	0.00	0.00
20,600.0	90.13	180.32	9,584.2	-11,009.2	902.5	11,042.7	0.00	0.00	0.00
20,700.0	90.13	180.32	9,584.0	-11,109.2	901.9	11,142.5	0.00	0.00	0.00
20,800.0	90.13	180.32	9,583.7	-11,209.2	901.4	11,242.3	0.00	0.00	0.00
20,900.0	90.13	180.32	9,583.5	-11,309.2	900.8	11,342.1	0.00	0.00	0.00
21,000.0	90.13	180.32	9,583.2	-11,409.1	900.3	11,441.9	0.00	0.00	0.00
21,100.0	90.13	180.32	9,583.0	-11,509.1	899.7	11,541.7	0.00	0.00	0.00
21,200.0	90.13	180.32	9,582.8	-11,609.1	899.1	11,641.5	0.00	0.00	0.00
21,300.0	90.13	180.32	9,582.5	-11,709.1	898.6	11,741.3	0.00	0.00	0.00
21,400.0	90.13	180.32	9,582.3	-11,809.1	898.0	11,841.1	0.00	0.00	0.00
21,500.0	90.13	180.32	9,582.1	-11,909.1	897.5	11,941.0	0.00	0.00	0.00
21,600.0	90.13	180.32	9,581.8	-12,009.1	896.9	12,040.8	0.00	0.00	0.00
21,700.0	90.13	180.32	9,581.6	-12,109.1	896.4	12,140.6	0.00	0.00	0.00
21,800.0	90.13	180.32	9,581.4	-12,209.1	895.8	12,240.4	0.00	0.00	0.00
21,900.0	90.13	180.32	9,581.1	-12,309.1	895.2	12,340.2	0.00	0.00	0.00
22,000.0	90.13	180.32	9,580.9	-12,409.1	894.7	12,440.0	0.00	0.00	0.00
22,100.0	90.13	180.32	9,580.7	-12,509.1	894.1	12,539.8	0.00	0.00	0.00
22,200.0	90.13	180.32	9,580.4	-12,609.1	893.6	12,639.6	0.00	0.00	0.00
22,300.0	90.13	180.32	9,580.2	-12,709.1	893.0	12,739.4	0.00	0.00	0.00
22,400.0	90.13	180.32	9,580.0	-12,809.1	892.4	12,839.2	0.00	0.00	0.00
22,500.0	90.13	180.32	9,579.7	-12,909.1	891.9	12,939.0	0.00	0.00	0.00
22,600.0	90.13	180.32	9,579.5	-13,009.1	891.3	13,038.8	0.00	0.00	0.00
22,700.0	90.13	180.32	9,579.3	-13,109.1	890.8	13,138.6	0.00	0.00	0.00
22,800.0	90.13	180.32	9,579.0	-13,209.1	890.2	13,238.4	0.00	0.00	0.00
22,900.0	90.13	180.32	9,578.8	-13,309.1	889.7	13,338.2	0.00	0.00	0.00
23,000.0	90.13	180.32	9,578.6	-13,409.1	889.1	13,438.0	0.00	0.00	0.00
23,100.0	90.13	180.32	9,578.3	-13,509.1	888.5	13,537.8	0.00	0.00	0.00
23,200.0	90.13	180.32	9,578.1	-13,609.1	888.0	13,637.6	0.00	0.00	0.00
23,300.0	90.13	180.32	9,577.9	-13,709.1	887.4	13,737.4	0.00	0.00	0.00
23,400.0	90.13	180.32	9,577.6	-13,809.1	886.9	13,837.2	0.00	0.00	0.00
23,500.0	90.13	180.32	9,577.4	-13,909.1	886.3	13,937.0	0.00	0.00	0.00
23,600.0	90.13	180.32	9,577.2	-14,009.1	885.8	14,036.8	0.00	0.00	0.00
23,700.0	90.13	180.32	9,576.9	-14,109.1	885.2	14,136.6	0.00	0.00	0.00
23,800.0	90.13	180.32	9,576.7	-14,209.1	884.6	14,236.4	0.00	0.00	0.00
23,900.0	90.13	180.32	9,576.5	-14,309.1	884.1	14,336.2	0.00	0.00	0.00
24,000.0	90.13	180.32	9,576.2	-14,409.1	883.5	14,436.0	0.00	0.00	0.00
24,100.0	90.13	180.32	9,576.0	-14,509.1	883.0	14,535.8	0.00	0.00	0.00
24,200.0	90.13	180.32	9,575.8	-14,609.1	882.4	14,635.6	0.00	0.00	0.00
24,300.0	90.13	180.32	9,575.5	-14,709.1	881.8	14,735.4	0.00	0.00	0.00
24,400.0	90.13	180.32	9,575.3	-14,809.1	881.3	14,835.2	0.00	0.00	0.00
24,500.0	90.13	180.32	9,575.1	-14,909.1	880.7	14,935.0	0.00	0.00	0.00
24,600.0	90.13	180.32	9,574.8	-15,009.1	880.2	15,034.9	0.00	0.00	0.00
24,700.0	90.13	180.32	9,574.6	-15,109.1	879.6	15,134.7	0.00	0.00	0.00
24,800.0	90.13	180.32	9,574.4	-15,209.1	879.1	15,234.5	0.00	0.00	0.00
24,900.0	90.13	180.32	9,574.1	-15,309.1	878.5	15,334.3	0.00	0.00	0.00

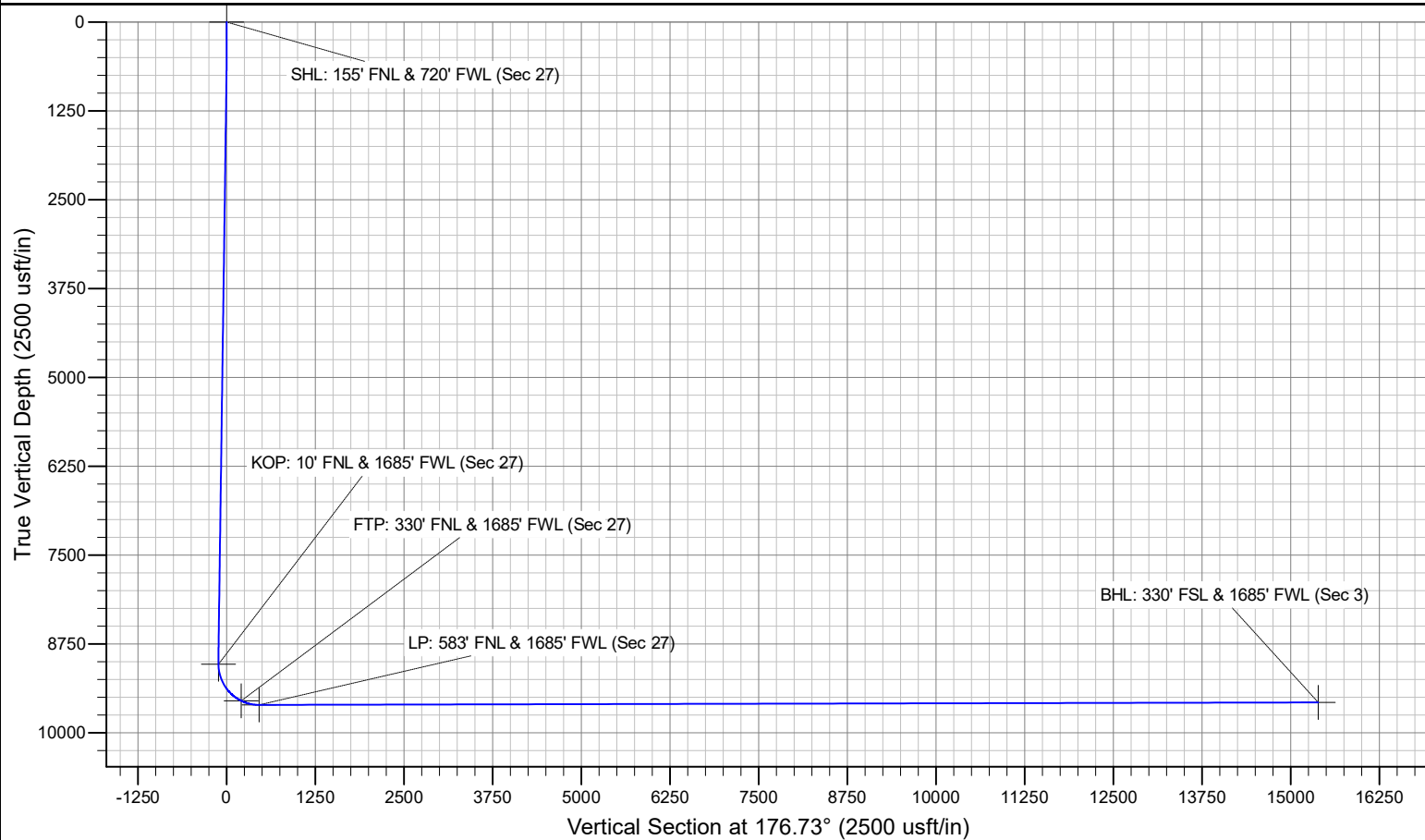
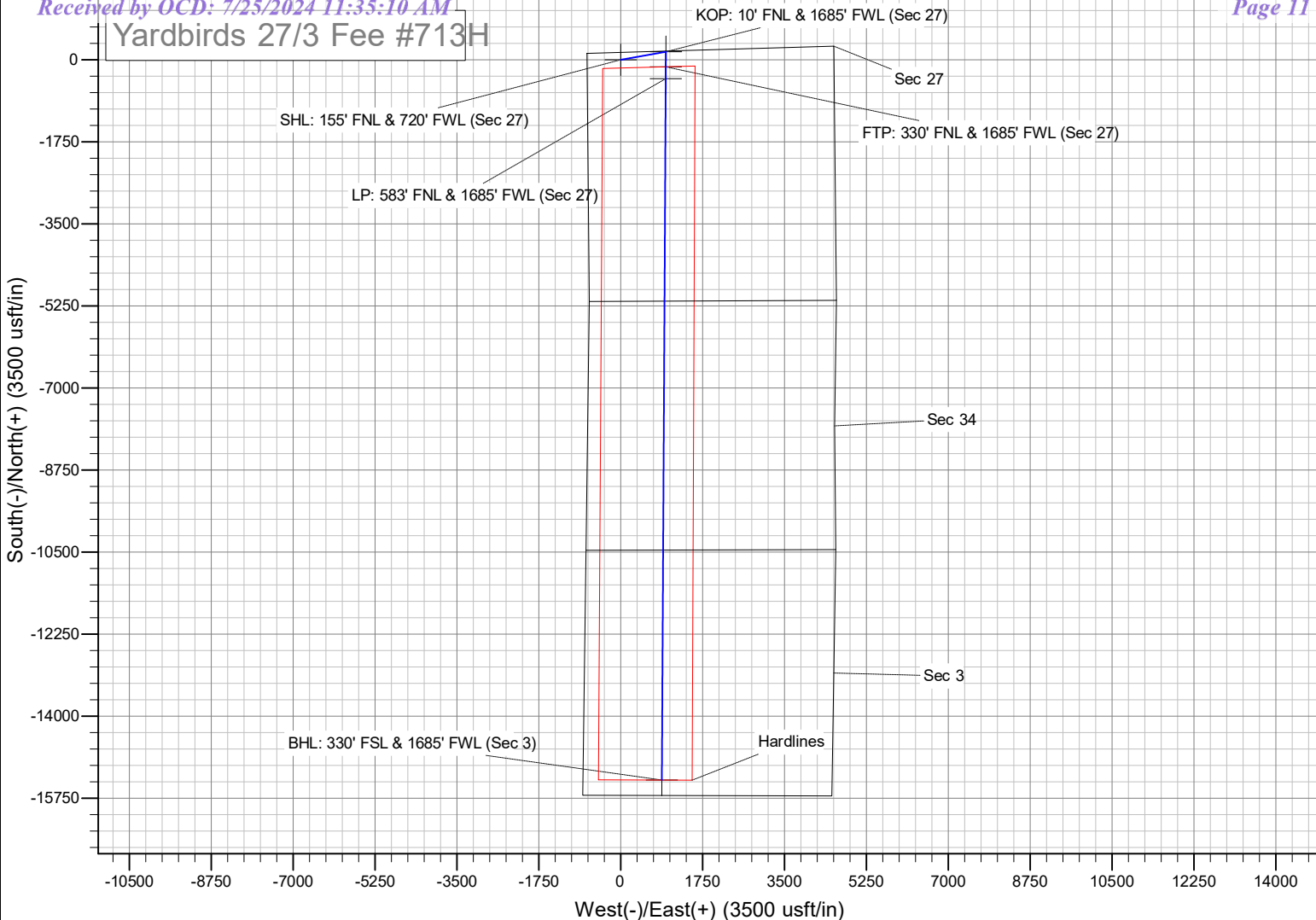
Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Yardbirds 27/3 Fee #713H
Company:	Mewbourne Oil Company	TVD Reference:	Original Well @ 3064.0usft
Project:	Eddy County, New Mexico NAD 83	MD Reference:	Original Well @ 3064.0usft
Site:	Yardbirds 27/3 Fee #713H	North Reference:	Grid
Well:	Sec 27, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1685' FWL (Sec 3)		
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)
24,952.8	90.13	180.32	9,574.0	-15,361.9	878.2	15,387.0	0.00	0.00	0.00
BHL: 330' FSL & 1685' FWL (Sec 3)									

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
SHL: 155' FNL & 720' FV - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	466,780.80	619,191.10	32.2830033	-104.0814065
KOP: 10' FNL & 1685' F - plan hits target center - Point	0.00	0.00	9,036.0	170.7	964.9	466,951.50	620,156.00	32.2834662	-104.0782829
FTP: 330' FNL & 1685' F - plan hits target center - Point	0.00	0.01	9,550.2	-149.4	963.1	466,631.42	620,154.22	32.2825864	-104.0782911
BHL: 330' FSL & 1685' F - plan hits target center - Point	0.00	0.00	9,574.0	-15,361.9	878.2	451,418.90	620,069.30	32.2407698	-104.0786827
LP: 583' FNL & 1685' FV - plan hits target center - Point	0.00	0.00	9,609.0	-402.5	961.7	466,378.30	620,152.80	32.2818906	-104.0782976

Yardbirds 27/3 Fee #713H



Mewbourne Oil Company, Yardbirds 27/3 Fee 713H**Sec 27, T23S, R28E****SHL: 155' FNL 720' FWL (Sec 27)****BHL: 330' FSL 1685' FWL (Sec 3)**

Operator Name:	Property Name:	Well Number
Mewbourne Oil Company	Yardbirds 27/3 Fee	713H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	27	23	28	-	10'	FNL	1685'	FWL	Eddy
Latitude					Longitude			NAD	
32.2834662					-104.0782829			83	

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	27	23	28	-	330'	FNL	1685'	FWL	Eddy
Latitude					Longitude			NAD	
32.2825864					-104.0782911			83	

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	3	24	28	-	330'	FSL	1685'	FWL	Eddy
Latitude					Longitude			NAD	
32.2407696					-104.0786841			83	

Is this well the defining well for the Horizontal Spacing Unit?

Y

Is this well an infill well?

N

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

Mewbourne Oil Company							
Yardbirds 27/3 Fee 713H							
SHL: 155' FNL & 720' FWL (Sec 27)							
BHL: 330' FSL & 1685' FWL (Sec 3)							
Casing Type	Fluid Type	Hole Size	Casing Description	Top MD	Setting Depth	Sacks Cement	Top of Cement
Surface	Fresh Water	17.5	13.375" 48# H40 STC	0	450	370	0'
Intermediate	Brine	12.25	9.625" 36# J55 LTC	0'	2520	540	0'
Production	Cut-Brine	8.75	7 5/8" 29.7# HCP110 GBCD	0'	9093	660	2320'
Liner	OBM	6.75	5.5" 20# P110 Talon	8893'	24953	910	8893'

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 367349

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 367349
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	All original COA's still apply. Surface casing must be sat and cemented into the Rustler formation minimum of 20'. Additionally, if cement is not circulated to surface during cementing operations, then a CBL is required.	8/15/2024