

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. 30-015-49808
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Foreigner 4/33 B2OB Fee
8. Well Number 1H
9. OGRID Number 14744
10. Pool name or Wildcat CULEBRA BLUFF; BONE SPRING SOUTH
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3001' GL

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 Company

3. Address of Operator
PO Box 5270 Hobbs, NM 88240

4. Well Location
Unit Letter C : 210 feet from the North line and 2140 feet from the West line
Section 9 Township 24S 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 ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
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 has an approved APD for the above well. MOC requests the following changes be made to the Foreigner 4/33 B2OB Fee #1H:

- 1: Name change to Foreigner 33/4 B2BO Fee #1H.
- 2: SHL change to 215 FSL & 590 FEL in Sec 28, T23S, R28E (Unit Letter P).
- 3: BHL change from 100 FNL & 2000 FEL (Sec 33, T23S, R28E) to 100 FSL & 2000 FEL (Sec 4, T24S, R28E).

Changes to csg design, cmt design, and directional plan are included in attachments. Also attached is well plat with updated name, SHL, & BHL.

Spud Date:

5/5/2023

Rig Release Date:

5/30/2023

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

SIGNATURE Josh Wagner TITLE Engineer DATE 1/17/2023

Type or print name Josh Wagner E-mail address: jwagner@mewbourne.com PHONE: 575-964-5162

For State Use Only

APPROVED BY: John Garcia TITLE Engineer DATE 7/20/23

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 30-015-49808		² Pool Code 15011		³ Pool Name CULEBRA BLUFF; BONE SPRING SOUTH					
⁴ Property Code 334554		⁵ Property Name FOREIGNER 33/4 B2B0 FEE						⁶ Well Number 1H	
⁷ OGRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY						⁹ Elevation 3061'	
¹⁰ Surface Location									
UL or lot no. P	Section 28	Township 23S	Range 28E	Lot Idn	Feet from the 215	North/South line SOUTH	Feet From the 590	East/West line EAST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. O	Section 4	Township 24S	Range 28E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 2000	East/West line EAST	County EDDY
¹² Dedicated Acres 320		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.

¹⁶ GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 461836.8 - E: 617928.3 LAT: 32.2694210° N LONG: 104.0855299° W CORNER DATA NAD 83 GRID - NM EAST A: FOUND 1/2" REBAR W/CAP "ILLEGIBLE" N: 451046.4 - E: 613167.1 B: FOUND 1/2" REBAR W/CAP "ILLEGIBLE" N: 453669.6 - E: 613160.5 C: FOUND 1/2" REBAR W/CAP "ILLEGIBLE" N: 456301.5 - E: 613156.1 D: FOUND COTTON SPINDLE N: 458943.1 - E: 613163.6 E: FOUND COTTON SPINDLE N: 461584.9 - E: 613170.7 F: FOUND 1/2" REBAR N: 464230.5 - E: 613156.6 G: FOUND 1/2" REBAR N: 466881.6 - E: 613142.8 H: FOUND COTTON SPINDLE N: 466898.7 - E: 615806.4 I: FOUND COTTON SPINDLE N: 466918.0 - E: 618471.2 J: FOUND 1/2" REBAR N: 461626.4 - E: 618520.2 K: FOUND 1/2" REBAR N: 458970.7 - E: 618484.3 L: FOUND BRASS CAP "1942" N: 456318.1 - E: 618448.9 M: FOUND BRASS CAP "1942" N: 453708.1 - E: 618414.1 N: FOUND 1/2" REBAR N: 451093.4 - E: 618379.9 O: FOUND BRASS CAP "1942" N: 451069.0 - E: 615773.5 P: FOUND BRASS CAP "1912" N: 456311.6 - E: 615802.4				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. Signature: <i>Josh Wagner</i> Date: 1/17/2023 Printed Name: Josh Wagner E-mail Address: jwagner@mewbourne.com
		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. Date of Survey: 12/15/2022 Signature and Seal of Professional Surveyor: <i>Robert M. Howett</i> Certificate Number: 19680		

JOB No: LS22121352

Operator Name:	Property Name:	Well Number
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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 06/27/2018

Mewbourne Oil Company, Foreigner 33/4 B2BO Fee #1H
Sec 28, T23S, R28E
SHL: 215' FSL & 590' FEL, (Sec 28, T23S, R28E)
BHL: 100' FSL & 2000' FEL, (Sec 4, T24S, R28E)

Casing Program

Hole Size	Casing Interval		Csg. Size	Weight (lbs)	Grade	Conn.	SF Collapse	SF Burst	SF Jt Tension	SF Body Tension
	From	To								
17.5"	0'	1070'	13.375"	48	H40	STC	1.57	3.53	6.27	10.53
12.25"	0'	2500'	9.625"	36	J55	LTC	1.55	2.71	5.03	6.27
8.75"	0'	7700'	7"	26	P110	LTC	1.63	2.60	3.19	4.15
6.125"	7500'	18981'	4.5"	13.5	P110	LTC	2.11	2.46	2.18	2.72
BLM Minimum Safety Factor							1.125	1	1.6 Dry 1.8 Wet	1.6 Dry 1.8 Wet

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

Must have table for contingency casing

	Y or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Is casing API approved? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	N
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	
Is well within the designated 4 string boundary.	
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3 rd string cement tied back 500' into previous casing?	
Is well located in R-111-P and SOPA?	N
If yes, are the first three strings cemented to surface?	
Is 2 nd string set 100' to 600' below the base of salt?	Y
Is an open annulus used to satisfy R-111-Q? If yes, see cement design.	
Is an engineered weak point used to satisfy R-111-Q?	
If yes, at what depth is the weak point planned?	xxxx'
Is well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

Mewbourne Oil Company, Foreigner 33/4 B2BO Fee #1H
Sec 28, T23S, R28E
SHL: 215' FSL & 590' FEL, (Sec 28, T23S, R28E)
BHL: 100' FSL & 2000' FEL, (Sec 4, T24S, R28E)

Geology for Csg Set Depths

Formation	Est. Top		Formation	Est. Top
Rustler			Delaware (Lamar)	2590
Salt Top	1121		Bell Canyon	2625
Salt Base	2380		Cherry Canyon	3440
Yates			Manzanita Marker	3570
Seven Rivers			Basal Brushy Canyon	
Queen			Bone Spring	6250
Capitan			1 st Bone Spring	7180
Grayburg			2 nd Bone Spring	7885
San Andres			3 rd Bone Spring	
Glorieta			Abo	
Yeso			Wolfcamp	

Foreigner 33/4 B2BO Fee #1H								
SHL: 215' FSL & 590' FEL (Sec 28)								
BHL: 100' FSL & 2000' FEL (Sec 4)								
Casing Type	Fluid Type	Hole Size	Casing Description	Casing Weight	Top MD	Setting Depth	Sacks Cement	TOL/TOT
Surface	Spud Mud	17.5"	13.375" 48# H40 STC	48.0 lb/ft	0'	1070'	780	0'/879'
Intermediate	Brine	12.25"	9.625" 36# J55 LTC	36.0 lb/ft	0'	2500'	530	0'/1808'
Production	Cut-Brine	8.75"	7" 26# P110 LTC	26.0 lb/ft	0'	7700'	660	2300'/5209'
Liner	OBM	6.125"	4.5" 13.5# P110 LTC	13.5 lb/ft	7500'	18981'	730	7500'

Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Foreigner 33/4 B2BO Fee #1H

Sec 28, T23S, R28E

SHL: 215' FSL & 590' FEL (Sec 28)

BHL: 100' FSL & 2000' FEL (Sec 4)

Plan: Design #1

Standard Planning Report

10 January, 2023

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Foreigner 33/4 B2BO Fee #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3089.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3089.0usft (Original Well Elev)
Site:	Foreigner 33/4 B2BO Fee #1H	North Reference:	Grid
Well:	Sec 28, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FSL & 2000' FEL (Sec 4)		
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	Foreigner 33/4 B2BO Fee #1H				
Site Position:		Northing:	461,836.80 usft	Latitude:	32.2694210
From:	Map	Easting:	617,928.30 usft	Longitude:	-104.0855297
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "		

Well	Sec 28, T23S, R28E					
Well Position	+N/-S	0.0 usft	Northing:	461,836.80 usft	Latitude:	32.2694210
	+E/-W	0.0 usft	Easting:	617,928.30 usft	Longitude:	-104.0855297
Position Uncertainty		0.0 usft	Wellhead Elevation:	3,089.0 usft	Ground Level:	3,061.0 usft
Grid Convergence:		0.13 °				

Wellbore	BHL: 100' FSL & 2000' FEL (Sec 4)				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/31/2014	7.39	60.05	48,211.39316310

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	188.25	

Plan Survey Tool Program	Date	1/10/2023			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	18,981.7	Design #1 (BHL: 100' FSL & 2000		

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	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,797.2	13.94	279.92	1,790.3	14.5	-83.1	2.00	2.00	0.00	279.92	
7,047.3	13.94	279.92	6,885.7	232.5	-1,329.3	0.00	0.00	0.00	0.00	
7,744.4	0.00	0.00	7,576.0	247.1	-1,412.4	2.00	-2.00	0.00	180.00	KOP: 473' FSL & 2000
8,647.8	90.33	180.70	8,149.0	-329.2	-1,419.5	10.00	10.00	0.00	-179.30	
18,981.7	90.33	180.70	8,089.0	-10,662.2	-1,546.5	0.00	0.00	0.00	0.00	BHL: 100' FSL & 2000

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Foreigner 33/4 B2BO Fee #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3089.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3089.0usft (Original Well Elev)
Site:	Foreigner 33/4 B2BO Fee #1H	North Reference:	Grid
Well:	Sec 28, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FSL & 2000' 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
SHL: 215' FSL & 590' FEL (Sec 28)									
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	2.00	279.92	1,200.0	0.3	-1.7	-0.1	2.00	2.00	0.00
1,300.0	4.00	279.92	1,299.8	1.2	-6.9	-0.2	2.00	2.00	0.00
1,400.0	6.00	279.92	1,399.5	2.7	-15.5	-0.5	2.00	2.00	0.00
1,500.0	8.00	279.92	1,498.7	4.8	-27.5	-0.8	2.00	2.00	0.00
1,600.0	10.00	279.92	1,597.5	7.5	-42.9	-1.3	2.00	2.00	0.00
1,700.0	12.00	279.92	1,695.6	10.8	-61.7	-1.8	2.00	2.00	0.00
1,797.2	13.94	279.92	1,790.3	14.5	-83.1	-2.5	2.00	2.00	0.00
1,800.0	13.94	279.92	1,793.1	14.7	-83.8	-2.5	0.00	0.00	0.00
1,900.0	13.94	279.92	1,890.1	18.8	-107.6	-3.2	0.00	0.00	0.00
2,000.0	13.94	279.92	1,987.2	23.0	-131.3	-3.9	0.00	0.00	0.00
2,100.0	13.94	279.92	2,084.2	27.1	-155.0	-4.6	0.00	0.00	0.00
2,200.0	13.94	279.92	2,181.3	31.3	-178.8	-5.3	0.00	0.00	0.00
2,300.0	13.94	279.92	2,278.3	35.4	-202.5	-6.0	0.00	0.00	0.00
2,400.0	13.94	279.92	2,375.4	39.6	-226.2	-6.7	0.00	0.00	0.00
2,500.0	13.94	279.92	2,472.4	43.7	-250.0	-7.4	0.00	0.00	0.00
2,600.0	13.94	279.92	2,569.5	47.9	-273.7	-8.1	0.00	0.00	0.00
2,700.0	13.94	279.92	2,666.5	52.0	-297.4	-8.8	0.00	0.00	0.00
2,800.0	13.94	279.92	2,763.6	56.2	-321.2	-9.5	0.00	0.00	0.00
2,900.0	13.94	279.92	2,860.6	60.3	-344.9	-10.2	0.00	0.00	0.00
3,000.0	13.94	279.92	2,957.7	64.5	-368.6	-10.9	0.00	0.00	0.00
3,100.0	13.94	279.92	3,054.8	68.6	-392.4	-11.6	0.00	0.00	0.00
3,200.0	13.94	279.92	3,151.8	72.8	-416.1	-12.3	0.00	0.00	0.00
3,300.0	13.94	279.92	3,248.9	76.9	-439.9	-13.0	0.00	0.00	0.00
3,400.0	13.94	279.92	3,345.9	81.1	-463.6	-13.7	0.00	0.00	0.00
3,500.0	13.94	279.92	3,443.0	85.2	-487.3	-14.4	0.00	0.00	0.00
3,600.0	13.94	279.92	3,540.0	89.4	-511.1	-15.1	0.00	0.00	0.00
3,700.0	13.94	279.92	3,637.1	93.5	-534.8	-15.8	0.00	0.00	0.00
3,800.0	13.94	279.92	3,734.1	97.7	-558.5	-16.5	0.00	0.00	0.00
3,900.0	13.94	279.92	3,831.2	101.9	-582.3	-17.2	0.00	0.00	0.00
4,000.0	13.94	279.92	3,928.2	106.0	-606.0	-17.9	0.00	0.00	0.00
4,100.0	13.94	279.92	4,025.3	110.2	-629.7	-18.6	0.00	0.00	0.00
4,200.0	13.94	279.92	4,122.3	114.3	-653.5	-19.3	0.00	0.00	0.00
4,300.0	13.94	279.92	4,219.4	118.5	-677.2	-20.0	0.00	0.00	0.00
4,400.0	13.94	279.92	4,316.4	122.6	-700.9	-20.7	0.00	0.00	0.00
4,500.0	13.94	279.92	4,413.5	126.8	-724.7	-21.4	0.00	0.00	0.00
4,600.0	13.94	279.92	4,510.6	130.9	-748.4	-22.1	0.00	0.00	0.00
4,700.0	13.94	279.92	4,607.6	135.1	-772.1	-22.8	0.00	0.00	0.00
4,800.0	13.94	279.92	4,704.7	139.2	-795.9	-23.5	0.00	0.00	0.00
4,900.0	13.94	279.92	4,801.7	143.4	-819.6	-24.2	0.00	0.00	0.00
5,000.0	13.94	279.92	4,898.8	147.5	-843.4	-24.9	0.00	0.00	0.00
5,100.0	13.94	279.92	4,995.8	151.7	-867.1	-25.6	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Foreigner 33/4 B2BO Fee #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3089.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3089.0usft (Original Well Elev)
Site:	Foreigner 33/4 B2BO Fee #1H	North Reference:	Grid
Well:	Sec 28, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FSL & 2000' 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)
5,200.0	13.94	279.92	5,092.9	155.8	-890.8	-26.3	0.00	0.00	0.00
5,300.0	13.94	279.92	5,189.9	160.0	-914.6	-27.0	0.00	0.00	0.00
5,400.0	13.94	279.92	5,287.0	164.1	-938.3	-27.7	0.00	0.00	0.00
5,500.0	13.94	279.92	5,384.0	168.3	-962.0	-28.4	0.00	0.00	0.00
5,600.0	13.94	279.92	5,481.1	172.4	-985.8	-29.1	0.00	0.00	0.00
5,700.0	13.94	279.92	5,578.1	176.6	-1,009.5	-29.8	0.00	0.00	0.00
5,800.0	13.94	279.92	5,675.2	180.7	-1,033.2	-30.6	0.00	0.00	0.00
5,900.0	13.94	279.92	5,772.3	184.9	-1,057.0	-31.3	0.00	0.00	0.00
6,000.0	13.94	279.92	5,869.3	189.0	-1,080.7	-32.0	0.00	0.00	0.00
6,100.0	13.94	279.92	5,966.4	193.2	-1,104.4	-32.7	0.00	0.00	0.00
6,200.0	13.94	279.92	6,063.4	197.3	-1,128.2	-33.4	0.00	0.00	0.00
6,300.0	13.94	279.92	6,160.5	201.5	-1,151.9	-34.1	0.00	0.00	0.00
6,400.0	13.94	279.92	6,257.5	205.6	-1,175.6	-34.8	0.00	0.00	0.00
6,500.0	13.94	279.92	6,354.6	209.8	-1,199.4	-35.5	0.00	0.00	0.00
6,600.0	13.94	279.92	6,451.6	214.0	-1,223.1	-36.2	0.00	0.00	0.00
6,700.0	13.94	279.92	6,548.7	218.1	-1,246.9	-36.9	0.00	0.00	0.00
6,800.0	13.94	279.92	6,645.7	222.3	-1,270.6	-37.6	0.00	0.00	0.00
6,900.0	13.94	279.92	6,742.8	226.4	-1,294.3	-38.3	0.00	0.00	0.00
7,000.0	13.94	279.92	6,839.8	230.6	-1,318.1	-39.0	0.00	0.00	0.00
7,047.3	13.94	279.92	6,885.7	232.5	-1,329.3	-39.3	0.00	0.00	0.00
7,100.0	12.89	279.92	6,937.0	234.6	-1,341.3	-39.7	2.00	-2.00	0.00
7,200.0	10.89	279.92	7,034.9	238.2	-1,361.6	-40.3	2.00	-2.00	0.00
7,300.0	8.89	279.92	7,133.4	241.1	-1,378.5	-40.8	2.00	-2.00	0.00
7,400.0	6.89	279.92	7,232.4	243.5	-1,392.1	-41.2	2.00	-2.00	0.00
7,500.0	4.89	279.92	7,331.9	245.3	-1,402.2	-41.5	2.00	-2.00	0.00
7,600.0	2.89	279.92	7,431.6	246.4	-1,408.8	-41.7	2.00	-2.00	0.00
7,700.0	0.89	279.92	7,531.6	247.0	-1,412.1	-41.8	2.00	-2.00	0.00
7,744.4	0.00	0.00	7,576.0	247.1	-1,412.4	-41.8	2.00	-2.00	0.00
KOP: 473' FSL & 2000' FEL (Sec 28)									
7,750.0	0.56	180.70	7,581.6	247.0	-1,412.4	-41.7	10.00	10.00	0.00
7,800.0	5.56	180.70	7,631.5	244.4	-1,412.5	-39.1	10.00	10.00	0.00
7,850.0	10.56	180.70	7,681.0	237.4	-1,412.5	-32.1	10.00	10.00	0.00
7,900.0	15.56	180.70	7,729.7	226.1	-1,412.7	-21.0	10.00	10.00	0.00
7,950.0	20.56	180.70	7,777.2	210.6	-1,412.9	-5.6	10.00	10.00	0.00
8,000.0	25.56	180.70	7,823.2	191.0	-1,413.1	13.8	10.00	10.00	0.00
8,050.0	30.56	180.70	7,867.3	167.5	-1,413.4	37.1	10.00	10.00	0.00
8,100.0	35.56	180.70	7,909.2	140.2	-1,413.7	64.1	10.00	10.00	0.00
8,150.0	40.56	180.70	7,948.6	109.4	-1,414.1	94.7	10.00	10.00	0.00
8,200.0	45.55	180.70	7,985.1	75.3	-1,414.5	128.5	10.00	10.00	0.00
8,250.0	50.55	180.70	8,018.5	38.1	-1,415.0	165.4	10.00	10.00	0.00
8,300.0	55.55	180.70	8,048.5	-1.8	-1,415.5	205.0	10.00	10.00	0.00
8,350.0	60.55	180.70	8,075.0	-44.2	-1,416.0	247.0	10.00	10.00	0.00
8,400.0	65.55	180.70	8,097.6	-88.8	-1,416.5	291.2	10.00	10.00	0.00
8,450.0	70.55	180.70	8,116.3	-135.1	-1,417.1	337.2	10.00	10.00	0.00
8,500.0	75.55	180.70	8,130.9	-182.9	-1,417.7	384.6	10.00	10.00	0.00
8,550.0	80.55	180.70	8,141.2	-231.8	-1,418.3	433.0	10.00	10.00	0.00
8,600.0	85.55	180.70	8,147.3	-281.5	-1,418.9	482.2	10.00	10.00	0.00
8,644.5	90.00	180.70	8,149.0	-325.9	-1,419.5	526.3	10.00	10.00	0.00
FTP/LP: 100' FNL & 2000' FEL (Sec 33)									
8,647.8	90.33	180.70	8,149.0	-329.2	-1,419.5	529.6	10.00	10.00	0.00
8,700.0	90.33	180.70	8,148.7	-381.4	-1,420.1	581.3	0.00	0.00	0.00
8,800.0	90.33	180.70	8,148.1	-481.4	-1,421.4	680.4	0.00	0.00	0.00
8,900.0	90.33	180.70	8,147.5	-581.4	-1,422.6	779.6	0.00	0.00	0.00
9,000.0	90.33	180.70	8,147.0	-681.4	-1,423.8	878.7	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Foreigner 33/4 B2BO Fee #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3089.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3089.0usft (Original Well Elev)
Site:	Foreigner 33/4 B2BO Fee #1H	North Reference:	Grid
Well:	Sec 28, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FSL & 2000' 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)
9,100.0	90.33	180.70	8,146.4	-781.4	-1,425.1	977.8	0.00	0.00	0.00
9,200.0	90.33	180.70	8,145.8	-881.4	-1,426.3	1,077.0	0.00	0.00	0.00
9,300.0	90.33	180.70	8,145.2	-981.3	-1,427.5	1,176.1	0.00	0.00	0.00
9,400.0	90.33	180.70	8,144.6	-1,081.3	-1,428.7	1,275.2	0.00	0.00	0.00
9,500.0	90.33	180.70	8,144.1	-1,181.3	-1,430.0	1,374.4	0.00	0.00	0.00
9,600.0	90.33	180.70	8,143.5	-1,281.3	-1,431.2	1,473.5	0.00	0.00	0.00
9,700.0	90.33	180.70	8,142.9	-1,381.3	-1,432.4	1,572.6	0.00	0.00	0.00
9,800.0	90.33	180.70	8,142.3	-1,481.3	-1,433.7	1,671.8	0.00	0.00	0.00
9,900.0	90.33	180.70	8,141.7	-1,581.3	-1,434.9	1,770.9	0.00	0.00	0.00
10,000.0	90.33	180.70	8,141.1	-1,681.3	-1,436.1	1,870.0	0.00	0.00	0.00
10,100.0	90.33	180.70	8,140.6	-1,781.3	-1,437.4	1,969.1	0.00	0.00	0.00
10,200.0	90.33	180.70	8,140.0	-1,881.3	-1,438.6	2,068.3	0.00	0.00	0.00
10,300.0	90.33	180.70	8,139.4	-1,981.3	-1,439.8	2,167.4	0.00	0.00	0.00
10,400.0	90.33	180.70	8,138.8	-2,081.2	-1,441.0	2,266.5	0.00	0.00	0.00
10,500.0	90.33	180.70	8,138.2	-2,181.2	-1,442.3	2,365.7	0.00	0.00	0.00
10,600.0	90.33	180.70	8,137.7	-2,281.2	-1,443.5	2,464.8	0.00	0.00	0.00
10,700.0	90.33	180.70	8,137.1	-2,381.2	-1,444.7	2,563.9	0.00	0.00	0.00
10,800.0	90.33	180.70	8,136.5	-2,481.2	-1,446.0	2,663.1	0.00	0.00	0.00
10,900.0	90.33	180.70	8,135.9	-2,581.2	-1,447.2	2,762.2	0.00	0.00	0.00
11,000.0	90.33	180.70	8,135.3	-2,681.2	-1,448.4	2,861.3	0.00	0.00	0.00
11,100.0	90.33	180.70	8,134.8	-2,781.2	-1,449.6	2,960.5	0.00	0.00	0.00
11,200.0	90.33	180.70	8,134.2	-2,881.2	-1,450.9	3,059.6	0.00	0.00	0.00
11,300.0	90.33	180.70	8,133.6	-2,981.2	-1,452.1	3,158.7	0.00	0.00	0.00
11,400.0	90.33	180.70	8,133.0	-3,081.2	-1,453.3	3,257.9	0.00	0.00	0.00
11,500.0	90.33	180.70	8,132.4	-3,181.1	-1,454.6	3,357.0	0.00	0.00	0.00
11,600.0	90.33	180.70	8,131.9	-3,281.1	-1,455.8	3,456.1	0.00	0.00	0.00
11,700.0	90.33	180.70	8,131.3	-3,381.1	-1,457.0	3,555.3	0.00	0.00	0.00
11,800.0	90.33	180.70	8,130.7	-3,481.1	-1,458.2	3,654.4	0.00	0.00	0.00
11,900.0	90.33	180.70	8,130.1	-3,581.1	-1,459.5	3,753.5	0.00	0.00	0.00
12,000.0	90.33	180.70	8,129.5	-3,681.1	-1,460.7	3,852.7	0.00	0.00	0.00
12,100.0	90.33	180.70	8,129.0	-3,781.1	-1,461.9	3,951.8	0.00	0.00	0.00
12,200.0	90.33	180.70	8,128.4	-3,881.1	-1,463.2	4,050.9	0.00	0.00	0.00
12,300.0	90.33	180.70	8,127.8	-3,981.1	-1,464.4	4,150.0	0.00	0.00	0.00
12,400.0	90.33	180.70	8,127.2	-4,081.1	-1,465.6	4,249.2	0.00	0.00	0.00
12,500.0	90.33	180.70	8,126.6	-4,181.1	-1,466.8	4,348.3	0.00	0.00	0.00
12,600.0	90.33	180.70	8,126.1	-4,281.0	-1,468.1	4,447.4	0.00	0.00	0.00
12,700.0	90.33	180.70	8,125.5	-4,381.0	-1,469.3	4,546.6	0.00	0.00	0.00
12,800.0	90.33	180.70	8,124.9	-4,481.0	-1,470.5	4,645.7	0.00	0.00	0.00
12,900.0	90.33	180.70	8,124.3	-4,581.0	-1,471.8	4,744.8	0.00	0.00	0.00
13,000.0	90.33	180.70	8,123.7	-4,681.0	-1,473.0	4,844.0	0.00	0.00	0.00
13,100.0	90.33	180.70	8,123.1	-4,781.0	-1,474.2	4,943.1	0.00	0.00	0.00
13,200.0	90.33	180.70	8,122.6	-4,881.0	-1,475.4	5,042.2	0.00	0.00	0.00
13,300.0	90.33	180.70	8,122.0	-4,981.0	-1,476.7	5,141.4	0.00	0.00	0.00
13,400.0	90.33	180.70	8,121.4	-5,081.0	-1,477.9	5,240.5	0.00	0.00	0.00
13,500.0	90.33	180.70	8,120.8	-5,181.0	-1,479.1	5,339.6	0.00	0.00	0.00
13,600.0	90.33	180.70	8,120.2	-5,281.0	-1,480.4	5,438.8	0.00	0.00	0.00
13,700.0	90.33	180.70	8,119.7	-5,380.9	-1,481.6	5,537.9	0.00	0.00	0.00
13,800.0	90.33	180.70	8,119.1	-5,480.9	-1,482.8	5,637.0	0.00	0.00	0.00
13,900.0	90.33	180.70	8,118.5	-5,580.9	-1,484.0	5,736.2	0.00	0.00	0.00
14,000.0	90.33	180.70	8,117.9	-5,680.9	-1,485.3	5,835.3	0.00	0.00	0.00
14,100.0	90.33	180.70	8,117.3	-5,780.9	-1,486.5	5,934.4	0.00	0.00	0.00
14,200.0	90.33	180.70	8,116.8	-5,880.9	-1,487.7	6,033.5	0.00	0.00	0.00
14,300.0	90.33	180.70	8,116.2	-5,980.9	-1,489.0	6,132.7	0.00	0.00	0.00
14,400.0	90.33	180.70	8,115.6	-6,080.9	-1,490.2	6,231.8	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Foreigner 33/4 B2BO Fee #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3089.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3089.0usft (Original Well Elev)
Site:	Foreigner 33/4 B2BO Fee #1H	North Reference:	Grid
Well:	Sec 28, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FSL & 2000' 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)
14,500.0	90.33	180.70	8,115.0	-6,180.9	-1,491.4	6,330.9	0.00	0.00	0.00
14,600.0	90.33	180.70	8,114.4	-6,280.9	-1,492.7	6,430.1	0.00	0.00	0.00
14,700.0	90.33	180.70	8,113.9	-6,380.8	-1,493.9	6,529.2	0.00	0.00	0.00
14,800.0	90.33	180.70	8,113.3	-6,480.8	-1,495.1	6,628.3	0.00	0.00	0.00
14,900.0	90.33	180.70	8,112.7	-6,580.8	-1,496.3	6,727.5	0.00	0.00	0.00
15,000.0	90.33	180.70	8,112.1	-6,680.8	-1,497.6	6,826.6	0.00	0.00	0.00
15,100.0	90.33	180.70	8,111.5	-6,780.8	-1,498.8	6,925.7	0.00	0.00	0.00
15,200.0	90.33	180.70	8,111.0	-6,880.8	-1,500.0	7,024.9	0.00	0.00	0.00
15,300.0	90.33	180.70	8,110.4	-6,980.8	-1,501.3	7,124.0	0.00	0.00	0.00
15,400.0	90.33	180.70	8,109.8	-7,080.8	-1,502.5	7,223.1	0.00	0.00	0.00
15,500.0	90.33	180.70	8,109.2	-7,180.8	-1,503.7	7,322.3	0.00	0.00	0.00
15,600.0	90.33	180.70	8,108.6	-7,280.8	-1,504.9	7,421.4	0.00	0.00	0.00
15,700.0	90.33	180.70	8,108.1	-7,380.8	-1,506.2	7,520.5	0.00	0.00	0.00
15,800.0	90.33	180.70	8,107.5	-7,480.7	-1,507.4	7,619.7	0.00	0.00	0.00
15,900.0	90.33	180.70	8,106.9	-7,580.7	-1,508.6	7,718.8	0.00	0.00	0.00
16,000.0	90.33	180.70	8,106.3	-7,680.7	-1,509.9	7,817.9	0.00	0.00	0.00
16,100.0	90.33	180.70	8,105.7	-7,780.7	-1,511.1	7,917.0	0.00	0.00	0.00
16,200.0	90.33	180.70	8,105.2	-7,880.7	-1,512.3	8,016.2	0.00	0.00	0.00
16,300.0	90.33	180.70	8,104.6	-7,980.7	-1,513.5	8,115.3	0.00	0.00	0.00
16,400.0	90.33	180.70	8,104.0	-8,080.7	-1,514.8	8,214.4	0.00	0.00	0.00
16,500.0	90.33	180.70	8,103.4	-8,180.7	-1,516.0	8,313.6	0.00	0.00	0.00
16,600.0	90.33	180.70	8,102.8	-8,280.7	-1,517.2	8,412.7	0.00	0.00	0.00
16,700.0	90.33	180.70	8,102.2	-8,380.7	-1,518.5	8,511.8	0.00	0.00	0.00
16,800.0	90.33	180.70	8,101.7	-8,480.7	-1,519.7	8,611.0	0.00	0.00	0.00
16,900.0	90.33	180.70	8,101.1	-8,580.6	-1,520.9	8,710.1	0.00	0.00	0.00
17,000.0	90.33	180.70	8,100.5	-8,680.6	-1,522.1	8,809.2	0.00	0.00	0.00
17,100.0	90.33	180.70	8,099.9	-8,780.6	-1,523.4	8,908.4	0.00	0.00	0.00
17,200.0	90.33	180.70	8,099.3	-8,880.6	-1,524.6	9,007.5	0.00	0.00	0.00
17,300.0	90.33	180.70	8,098.8	-8,980.6	-1,525.8	9,106.6	0.00	0.00	0.00
17,400.0	90.33	180.70	8,098.2	-9,080.6	-1,527.1	9,205.8	0.00	0.00	0.00
17,500.0	90.33	180.70	8,097.6	-9,180.6	-1,528.3	9,304.9	0.00	0.00	0.00
17,600.0	90.33	180.70	8,097.0	-9,280.6	-1,529.5	9,404.0	0.00	0.00	0.00
17,700.0	90.33	180.70	8,096.4	-9,380.6	-1,530.7	9,503.2	0.00	0.00	0.00
17,800.0	90.33	180.70	8,095.9	-9,480.6	-1,532.0	9,602.3	0.00	0.00	0.00
17,900.0	90.33	180.70	8,095.3	-9,580.6	-1,533.2	9,701.4	0.00	0.00	0.00
18,000.0	90.33	180.70	8,094.7	-9,680.5	-1,534.4	9,800.6	0.00	0.00	0.00
18,100.0	90.33	180.70	8,094.1	-9,780.5	-1,535.7	9,899.7	0.00	0.00	0.00
18,200.0	90.33	180.70	8,093.5	-9,880.5	-1,536.9	9,998.8	0.00	0.00	0.00
18,300.0	90.33	180.70	8,093.0	-9,980.5	-1,538.1	10,097.9	0.00	0.00	0.00
18,400.0	90.33	180.70	8,092.4	-10,080.5	-1,539.4	10,197.1	0.00	0.00	0.00
18,500.0	90.33	180.70	8,091.8	-10,180.5	-1,540.6	10,296.2	0.00	0.00	0.00
18,600.0	90.33	180.70	8,091.2	-10,280.5	-1,541.8	10,395.3	0.00	0.00	0.00
18,700.0	90.33	180.70	8,090.6	-10,380.5	-1,543.0	10,494.5	0.00	0.00	0.00
18,800.0	90.33	180.70	8,090.1	-10,480.5	-1,544.3	10,593.6	0.00	0.00	0.00
18,900.0	90.33	180.70	8,089.5	-10,580.5	-1,545.5	10,692.7	0.00	0.00	0.00
18,981.7	90.33	180.70	8,089.0	-10,662.2	-1,546.5	10,773.8	0.00	0.00	0.00
BHL: 100' FSL & 2000' FEL (Sec 4)									

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Foreigner 33/4 B2BO Fee #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3089.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3089.0usft (Original Well Elev)
Site:	Foreigner 33/4 B2BO Fee #1H	North Reference:	Grid
Well:	Sec 28, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FSL & 2000' FEL (Sec 4)		
Design:	Design #1		

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: 215' FSL & 590' FE - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	461,836.80	617,928.30	32.2694210	-104.0855297
KOP: 473' FSL & 2000' F - plan hits target center - Point	0.00	0.00	7,576.0	247.1	-1,412.4	462,083.87	616,515.88	32.2701090	-104.0900976
BHL: 100' FSL & 2000' F - plan hits target center - Point	0.00	0.00	8,089.0	-10,662.2	-1,546.5	451,174.60	616,381.80	32.2401217	-104.0906112
FTP/LP: 100' FNL & 200 - plan hits target center - Point	0.00	0.00	8,149.0	-325.9	-1,419.5	461,510.87	616,508.84	32.2685340	-104.0901246

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1625 N. French Dr., Hobbs, NM 88240
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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 176586

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 176586
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	Adhere to all previous COAs	7/20/2023