



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

08/05/2021

Well Name: FULLER 14/23 W2JO FED	Well Location: T26S / R29E / SEC 14 / SENE / 32.0420093 / -103.9469215	County or Parish/State: EDDY / NM
Well Number: 1H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM 11038, NMNM11038	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001544454	Well Status: Approved Application for Permit to Drill	Operator: MEWBOURNE OIL COMPANY

Notice of Intent

Type of Submission: Notice of Intent

Type of Action Other

Date Sundry Submitted: 05/05/2021

Time Sundry Submitted: 04:48

Date proposed operation will begin: 05/05/2021

Procedure Description: Mewbourne Oil Company request approval to make the following changes to the approved APD: Change well name from Fuller 14/23 B2IP Fed #2H to Fuller 14/23 W2JO Fed #1H Change SHL from 2500' FNL & 500' FEL, Sec 14, T26S, R29E to 2650' FNL & 425' FEL, Sec 14, T26S, R29E Changed BHL from 330' FSL & 660' FEL, Sec 14, T26S, R29E to 330' FSL & 2320' FEL, Sec 14, T26S, R29E Change casing and cement design as detailed in the attachment Change pool from Corral Canyon; Bone Spring, South (13354) to Purple Sage; Wolfcamp (GAS) (98220) Contact Mike Loy with any questions

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Fuller_14_23_W2JO_Federal__20210505164755

Fuller_14_23_W2JO_Federal_1H_Add_Info_20210505164705.pdf

Fuller_14_23_W2JO_Federal_1H_Plat_Signed_20210505164703.pdf

Fuller_14_23_W2JO_Federal_1H_Dir_Plot_20210505164703.pdf

Fuller_14_23_W2JO_Federal_1H_Dir_Plan_20210505164703.pdf

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Well Number: 1H		Type of Well: OIL WELL		Allottee or Tribe Name:
Lease Number: NMNM 11038, NMNM11038		Unit or CA Name:		Unit or CA Number:
US Well Number: 3001544454		Well Status: Approved Application for Permit to Drill		Operator: MEWBOURNE OIL COMPANY

Conditions of Approval**Additional Reviews**

FULLER_14_23_W2JO_FED_1H_Sundry_2160175_COA_OTA_20210519213757.pdf

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: BRADLEY BISHOP

Signed on: MAY 05, 2021 04:47 PM

Name: MEWBOURNE OIL COMPANY

Title: Regulatory

Street Address: PO Box 5270

City: Hobbs

State: NM

Phone: (575) 393-5905

Email address: bbishop@mewbourne.com

Field Representative

Representative Name: Mike Loy

Street Address:

City:

State:

Zip:

Phone:

Email address: mloy@mewbourne.com

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 06/08/2021

Signature: Chris Walls

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 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 30-015-44454	² Pool Code 90220	³ Pool Name Purple Sage; Wolfcamp
⁴ Property Code	⁵ Property Name FULLER 14/23 W2JO FEDERAL	⁶ Well Number 1H
⁷ GRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁹ Elevation 2950'

¹⁰ Surface Location									
UL or lot no. H	Section 14	Township 26S	Range 29E	Lot Idn	Feet from the 2650	North/South line NORTH	Feet from the 425	East/West line EAST	County EDDY

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. O	Section 23	Township 26S	Range 29E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 2320	East/West line EAST	County EDDY

¹² Dedicated Acres 480	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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: 379235.4 - E: 661066.3 LAT: 32.0420092° N LONG: 103.9469217° W BOTTOM HOLE N: 371472.5 - E: 659169.5 LAT: 32.0206881° N LONG: 103.9531314° W CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1940" N: 371167.4 - E: 656080.2 B: FOUND BRASS CAP "1940" N: 373856.1 - E: 656068.5 C: FOUND BRASS CAP "1940" N: 376539.9 - E: 656060.1 D: FOUND BRASS CAP "1940" N: 379229.8 - E: 658067.0 E: FOUND BRASS CAP "1940" N: 381920.7 - E: 656056.9 F: FOUND BRASS CAP "1940" N: 381901.5 - E: 658773.2 G: FOUND BRASS CAP "1940" N: 381882.4 - E: 661489.4 H: FOUND BRASS CAP "1940" N: 379187.8 - E: 661491.3 I: FOUND BRASS CAP "1940" N: 376497.1 - E: 661496.5 J: FOUND BRASS CAP "1940" N: 373802.7 - E: 661493.7 K: FOUND BRASS CAP "1940" N: 371124.3 - E: 661488.2 L: FOUND BRASS CAP "1940" N: 371145.6 - E: 658784.1 M: FOUND BRASS CAP "1940" N: 376518.6 - E: 658778.8	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: <u>Mike Loy</u> Date: <u>5-5-21</u> Printed Name: <u>Mike Loy</u> E-mail Address: <u>mloy@mewbourne.com</u>
	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: <u>04/06/2021</u> Signature and Seal of Professional Surveyor: <u>Robert M. Howett</u> Certificate Number: <u>19680</u> REV: BH CHANGE - 04/23/21	

Job No: LS21040286R

Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Fuller 14/23 W2JO Federal #1H

Sec 14, T26S, R29E

SHL: 2650' FNL & 425' FEL, Sec 14

BHL: 330' FSL & 2320' FEL, Sec 14

Plan: Design #1

Standard Planning Report

05 May, 2021

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2JO Federal #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2978.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2978.0usft (Original Well Elev)
Site:	Fuller 14/23 W2JO Federal #1H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 2320' FEL, Sec 14		
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	Fuller 14/23 W2JO Federal #1H			
Site Position:		Northing:	379,235.40 usft	Latitude: 32.0420093
From:	Map	Easting:	661,066.30 usft	Longitude: -103.9469215
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	

Well	Sec 14, T26S, R29E			
Well Position	+N/-S	0.0 usft	Northing:	379,235.40 usft
	+E/-W	0.0 usft	Easting:	661,066.30 usft
Position Uncertainty	0.0 usft		Wellhead Elevation:	2,978.0 usft
Grid Convergence:	0.21 °		Ground Level:	2,950.0 usft

Wellbore	BHL: 330' FSL & 2320' FEL, Sec 14				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/31/2014	7.31	59.87	48,090.55607496

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	193.73

Plan Survey Tool Program	Date	5/5/2021		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	19,201.3	Design #1 (BHL: 330' FSL & 2320	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Bulld 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	
452.0	0.00	0.00	452.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,007.4	11.11	276.46	1,004.0	6.0	-53.3	2.00	2.00	0.00	276.46	
10,341.4	11.11	276.46	10,163.1	208.3	-1,840.4	0.00	0.00	0.00	0.00	
10,896.9	0.00	0.00	10,715.0	214.3	-1,893.7	2.00	-2.00	0.00	180.00	KOP: 2449' FNL & 23
11,800.0	90.31	180.02	11,288.0	-361.7	-1,893.9	10.00	10.00	0.00	-179.98	
19,201.3	90.31	180.02	11,248.0	-7,762.9	-1,896.8	0.00	0.00	0.00	0.00	BHL: 330' FSL & 2320

Planning Report

Database: Hobbs
Company: Mewbourne Oil Company
Project: Eddy County, New Mexico NAD 83
Site: Fuller 14/23 W2JO Federal #1H
Well: Sec 14, T26S, R29E
Wellbore: BHL: 330' FSL & 2320' FEL, Sec 14
Design: Design #1

Local Co-ordinate Reference: Site Fuller 14/23 W2JO Federal #1H
TVD Reference: WELL @ 2978.0usft (Original Well Elev)
MD Reference: WELL @ 2978.0usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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: 2650' FNL & 425' FEL (14)									
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
452.0	0.00	0.00	452.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.96	276.46	500.0	0.0	-0.4	0.1	2.00	2.00	0.00
600.0	2.96	276.46	599.9	0.4	-3.8	0.5	2.00	2.00	0.00
700.0	4.96	276.46	699.7	1.2	-10.7	1.4	2.00	2.00	0.00
800.0	6.96	276.46	799.1	2.4	-21.0	2.7	2.00	2.00	0.00
900.0	8.96	276.46	898.2	3.9	-34.7	4.4	2.00	2.00	0.00
1,007.4	11.11	276.46	1,004.0	6.0	-53.3	6.8	2.00	2.00	0.00
1,100.0	11.11	276.46	1,094.8	8.0	-71.1	9.1	0.00	0.00	0.00
1,200.0	11.11	276.46	1,192.9	10.2	-90.2	11.5	0.00	0.00	0.00
1,300.0	11.11	276.46	1,291.0	12.4	-109.3	13.9	0.00	0.00	0.00
1,400.0	11.11	276.46	1,389.2	14.5	-128.5	16.4	0.00	0.00	0.00
1,500.0	11.11	276.46	1,487.3	16.7	-147.6	18.8	0.00	0.00	0.00
1,600.0	11.11	276.46	1,585.4	18.9	-166.8	21.2	0.00	0.00	0.00
1,700.0	11.11	276.46	1,683.5	21.0	-185.9	23.7	0.00	0.00	0.00
1,800.0	11.11	276.46	1,781.7	23.2	-205.1	26.1	0.00	0.00	0.00
1,900.0	11.11	276.46	1,879.8	25.4	-224.2	28.6	0.00	0.00	0.00
2,000.0	11.11	276.46	1,977.9	27.5	-243.4	31.0	0.00	0.00	0.00
2,100.0	11.11	276.46	2,076.1	29.7	-262.5	33.4	0.00	0.00	0.00
2,200.0	11.11	276.46	2,174.2	31.9	-281.7	35.9	0.00	0.00	0.00
2,300.0	11.11	276.46	2,272.3	34.0	-300.8	38.3	0.00	0.00	0.00
2,400.0	11.11	276.46	2,370.4	36.2	-319.9	40.8	0.00	0.00	0.00
2,500.0	11.11	276.46	2,468.6	38.4	-339.1	43.2	0.00	0.00	0.00
2,600.0	11.11	276.46	2,566.7	40.5	-358.2	45.6	0.00	0.00	0.00
2,700.0	11.11	276.46	2,664.8	42.7	-377.4	48.1	0.00	0.00	0.00
2,800.0	11.11	276.46	2,762.9	44.9	-396.5	50.5	0.00	0.00	0.00
2,900.0	11.11	276.46	2,861.1	47.0	-415.7	53.0	0.00	0.00	0.00
3,000.0	11.11	276.46	2,959.2	49.2	-434.8	55.4	0.00	0.00	0.00
3,100.0	11.11	276.46	3,057.3	51.4	-454.0	57.8	0.00	0.00	0.00
3,200.0	11.11	276.46	3,155.4	53.5	-473.1	60.3	0.00	0.00	0.00
3,300.0	11.11	276.46	3,253.6	55.7	-492.3	62.7	0.00	0.00	0.00
3,400.0	11.11	276.46	3,351.7	57.9	-511.4	65.2	0.00	0.00	0.00
3,500.0	11.11	276.46	3,449.8	60.0	-530.5	67.6	0.00	0.00	0.00
3,600.0	11.11	276.46	3,547.9	62.2	-549.7	70.0	0.00	0.00	0.00
3,700.0	11.11	276.46	3,646.1	64.4	-568.8	72.5	0.00	0.00	0.00
3,800.0	11.11	276.46	3,744.2	66.6	-588.0	74.9	0.00	0.00	0.00
3,900.0	11.11	276.46	3,842.3	68.7	-607.1	77.4	0.00	0.00	0.00
4,000.0	11.11	276.46	3,940.5	70.9	-626.3	79.8	0.00	0.00	0.00
4,100.0	11.11	276.46	4,038.6	73.1	-645.4	82.2	0.00	0.00	0.00
4,200.0	11.11	276.46	4,136.7	75.2	-664.6	84.7	0.00	0.00	0.00
4,300.0	11.11	276.46	4,234.8	77.4	-683.7	87.1	0.00	0.00	0.00
4,400.0	11.11	276.46	4,333.0	79.6	-702.9	89.5	0.00	0.00	0.00
4,500.0	11.11	276.46	4,431.1	81.7	-722.0	92.0	0.00	0.00	0.00
4,600.0	11.11	276.46	4,529.2	83.9	-741.1	94.4	0.00	0.00	0.00
4,700.0	11.11	276.46	4,627.3	86.1	-760.3	96.9	0.00	0.00	0.00
4,800.0	11.11	276.46	4,725.5	88.2	-779.4	99.3	0.00	0.00	0.00
4,900.0	11.11	276.46	4,823.6	90.4	-798.6	101.7	0.00	0.00	0.00
5,000.0	11.11	276.46	4,921.7	92.6	-817.7	104.2	0.00	0.00	0.00
5,100.0	11.11	276.46	5,019.8	94.7	-836.9	106.6	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2JO Federal #1H
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Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2978.0usft (Original Well Elev)
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Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 2320' FEL, Sec 14		
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)	Bulld Rate (°/100usft)	Turn Rate (°/100usft)	
5,200.0	11.11	276.46	5,118.0	96.9	-856.0	109.1	0.00	0.00	0.00	
5,300.0	11.11	276.46	5,216.1	99.1	-875.2	111.5	0.00	0.00	0.00	
5,400.0	11.11	276.46	5,314.2	101.2	-894.3	113.9	0.00	0.00	0.00	
5,500.0	11.11	276.46	5,412.3	103.4	-913.5	116.4	0.00	0.00	0.00	
5,600.0	11.11	276.46	5,510.5	105.6	-932.6	118.8	0.00	0.00	0.00	
5,700.0	11.11	276.46	5,608.6	107.7	-951.7	121.3	0.00	0.00	0.00	
5,800.0	11.11	276.46	5,706.7	109.9	-970.9	123.7	0.00	0.00	0.00	
5,900.0	11.11	276.46	5,804.9	112.1	-990.0	126.1	0.00	0.00	0.00	
6,000.0	11.11	276.46	5,903.0	114.2	-1,009.2	128.6	0.00	0.00	0.00	
6,100.0	11.11	276.46	6,001.1	116.4	-1,028.3	131.0	0.00	0.00	0.00	
6,200.0	11.11	276.46	6,099.2	118.6	-1,047.5	133.5	0.00	0.00	0.00	
6,300.0	11.11	276.46	6,197.4	120.7	-1,066.6	135.9	0.00	0.00	0.00	
6,400.0	11.11	276.46	6,295.5	122.9	-1,085.8	138.3	0.00	0.00	0.00	
6,500.0	11.11	276.46	6,393.6	125.1	-1,104.9	140.8	0.00	0.00	0.00	
6,600.0	11.11	276.46	6,491.7	127.2	-1,124.0	143.2	0.00	0.00	0.00	
6,700.0	11.11	276.46	6,589.9	129.4	-1,143.2	145.7	0.00	0.00	0.00	
6,800.0	11.11	276.46	6,688.0	131.6	-1,162.3	148.1	0.00	0.00	0.00	
6,900.0	11.11	276.46	6,786.1	133.7	-1,181.5	150.5	0.00	0.00	0.00	
7,000.0	11.11	276.46	6,884.2	135.9	-1,200.6	153.0	0.00	0.00	0.00	
7,100.0	11.11	276.46	6,982.4	138.1	-1,219.8	155.4	0.00	0.00	0.00	
7,200.0	11.11	276.46	7,080.5	140.2	-1,238.9	157.8	0.00	0.00	0.00	
7,300.0	11.11	276.46	7,178.6	142.4	-1,258.1	160.3	0.00	0.00	0.00	
7,400.0	11.11	276.46	7,276.7	144.6	-1,277.2	162.7	0.00	0.00	0.00	
7,500.0	11.11	276.46	7,374.9	146.7	-1,296.4	165.2	0.00	0.00	0.00	
7,600.0	11.11	276.46	7,473.0	148.9	-1,315.5	167.6	0.00	0.00	0.00	
7,700.0	11.11	276.46	7,571.1	151.1	-1,334.6	170.0	0.00	0.00	0.00	
7,800.0	11.11	276.46	7,669.3	153.2	-1,353.8	172.5	0.00	0.00	0.00	
7,900.0	11.11	276.46	7,767.4	155.4	-1,372.9	174.9	0.00	0.00	0.00	
8,000.0	11.11	276.46	7,865.5	157.6	-1,392.1	177.4	0.00	0.00	0.00	
8,100.0	11.11	276.46	7,963.6	159.7	-1,411.2	179.8	0.00	0.00	0.00	
8,200.0	11.11	276.46	8,061.8	161.9	-1,430.4	182.2	0.00	0.00	0.00	
8,300.0	11.11	276.46	8,159.9	164.1	-1,449.5	184.7	0.00	0.00	0.00	
8,400.0	11.11	276.46	8,258.0	166.2	-1,468.7	187.1	0.00	0.00	0.00	
8,500.0	11.11	276.46	8,356.1	168.4	-1,487.8	189.6	0.00	0.00	0.00	
8,600.0	11.11	276.46	8,454.3	170.6	-1,507.0	192.0	0.00	0.00	0.00	
8,700.0	11.11	276.46	8,552.4	172.7	-1,526.1	194.4	0.00	0.00	0.00	
8,800.0	11.11	276.46	8,650.5	174.9	-1,545.2	196.9	0.00	0.00	0.00	
8,900.0	11.11	276.46	8,748.6	177.1	-1,564.4	199.3	0.00	0.00	0.00	
9,000.0	11.11	276.46	8,846.8	179.2	-1,583.5	201.8	0.00	0.00	0.00	
9,100.0	11.11	276.46	8,944.9	181.4	-1,602.7	204.2	0.00	0.00	0.00	
9,200.0	11.11	276.46	9,043.0	183.6	-1,621.8	206.6	0.00	0.00	0.00	
9,300.0	11.11	276.46	9,141.1	185.7	-1,641.0	209.1	0.00	0.00	0.00	
9,400.0	11.11	276.46	9,239.3	187.9	-1,660.1	211.5	0.00	0.00	0.00	
9,500.0	11.11	276.46	9,337.4	190.1	-1,679.3	214.0	0.00	0.00	0.00	
9,600.0	11.11	276.46	9,435.5	192.2	-1,698.4	216.4	0.00	0.00	0.00	
9,700.0	11.11	276.46	9,533.7	194.4	-1,717.6	218.8	0.00	0.00	0.00	
9,800.0	11.11	276.46	9,631.8	196.6	-1,736.7	221.3	0.00	0.00	0.00	
9,900.0	11.11	276.46	9,729.9	198.7	-1,755.8	223.7	0.00	0.00	0.00	
10,000.0	11.11	276.46	9,828.0	200.9	-1,775.0	226.1	0.00	0.00	0.00	
10,100.0	11.11	276.46	9,926.2	203.1	-1,794.1	228.6	0.00	0.00	0.00	
10,200.0	11.11	276.46	10,024.3	205.2	-1,813.3	231.0	0.00	0.00	0.00	
10,300.0	11.11	276.46	10,122.4	207.4	-1,832.4	233.5	0.00	0.00	0.00	
10,341.4	11.11	276.46	10,163.1	208.3	-1,840.4	234.5	0.00	0.00	0.00	
10,400.0	9.94	276.46	10,220.6	209.5	-1,851.0	235.8	2.00	-2.00	0.00	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2JO Federal #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2978.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2978.0usft (Original Well Elev)
Site:	Fuller 14/23 W2JO Federal #1H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 2320' FEL, Sec 14		
Design:	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
10,500.0	7.94	276.46	10,319.4	211.2	-1,866.4	237.8	2.00	-2.00	0.00	
10,600.0	5.94	276.46	10,418.7	212.6	-1,878.4	239.3	2.00	-2.00	0.00	
10,700.0	3.94	276.46	10,518.3	213.6	-1,887.0	240.4	2.00	-2.00	0.00	
10,800.0	1.94	276.46	10,618.2	214.2	-1,892.1	241.1	2.00	-2.00	0.00	
10,896.9	0.00	0.00	10,715.0	214.3	-1,893.7	241.3	2.00	-2.00	0.00	
KOP: 2449' FNL & 2320' FEL (14)										
10,900.0	0.31	180.02	10,718.2	214.3	-1,893.7	241.3	10.00	10.00	0.00	
10,950.0	5.31	180.02	10,768.1	211.9	-1,893.7	243.7	10.00	10.00	0.00	
11,000.0	10.31	180.02	10,817.6	205.1	-1,893.7	250.3	10.00	10.00	0.00	
11,050.0	15.31	180.02	10,866.3	194.0	-1,893.7	261.0	10.00	10.00	0.00	
11,100.0	20.31	180.02	10,913.9	178.7	-1,893.7	275.9	10.00	10.00	0.00	
11,150.0	25.31	180.02	10,960.0	159.3	-1,893.7	294.7	10.00	10.00	0.00	
11,200.0	30.31	180.02	11,004.2	136.0	-1,893.7	317.4	10.00	10.00	0.00	
11,250.0	35.31	180.02	11,046.2	108.9	-1,893.7	343.7	10.00	10.00	0.00	
11,300.0	40.31	180.02	11,085.7	78.3	-1,893.7	373.5	10.00	10.00	0.00	
11,350.0	45.31	180.02	11,122.4	44.3	-1,893.8	406.5	10.00	10.00	0.00	
11,400.0	50.31	180.02	11,156.0	7.3	-1,893.8	442.4	10.00	10.00	0.00	
11,450.0	55.31	180.02	11,186.2	-32.5	-1,893.8	481.1	10.00	10.00	0.00	
11,500.0	60.31	180.02	11,212.8	-74.8	-1,893.8	522.2	10.00	10.00	0.00	
11,550.0	65.31	180.02	11,235.6	-119.3	-1,893.8	565.4	10.00	10.00	0.00	
11,600.0	70.31	180.02	11,254.5	-165.6	-1,893.8	610.4	10.00	10.00	0.00	
11,650.0	75.31	180.02	11,269.3	-213.3	-1,893.9	656.8	10.00	10.00	0.00	
11,700.0	80.31	180.02	11,279.8	-262.2	-1,893.9	704.2	10.00	10.00	0.00	
11,750.0	85.31	180.02	11,286.1	-311.8	-1,893.9	752.4	10.00	10.00	0.00	
11,800.0	90.31	180.02	11,288.0	-361.7	-1,893.9	800.9	10.00	10.00	0.00	
LP/FTP: 2361' FSL & 2320' FEL (14)										
11,900.0	90.31	180.02	11,287.5	-461.7	-1,894.0	898.1	0.00	0.00	0.00	
12,000.0	90.31	180.02	11,286.9	-561.7	-1,894.0	995.2	0.00	0.00	0.00	
12,100.0	90.31	180.02	11,286.4	-661.7	-1,894.0	1,092.4	0.00	0.00	0.00	
12,200.0	90.31	180.02	11,285.8	-761.7	-1,894.1	1,189.5	0.00	0.00	0.00	
12,300.0	90.31	180.02	11,285.3	-861.7	-1,894.1	1,286.7	0.00	0.00	0.00	
12,400.0	90.31	180.02	11,284.8	-961.7	-1,894.2	1,383.8	0.00	0.00	0.00	
12,500.0	90.31	180.02	11,284.2	-1,061.7	-1,894.2	1,481.0	0.00	0.00	0.00	
12,600.0	90.31	180.02	11,283.7	-1,161.7	-1,894.2	1,578.1	0.00	0.00	0.00	
12,700.0	90.31	180.02	11,283.1	-1,261.7	-1,894.3	1,675.3	0.00	0.00	0.00	
12,800.0	90.31	180.02	11,282.6	-1,361.7	-1,894.3	1,772.4	0.00	0.00	0.00	
12,900.0	90.31	180.02	11,282.1	-1,461.7	-1,894.3	1,869.6	0.00	0.00	0.00	
13,000.0	90.31	180.02	11,281.5	-1,561.7	-1,894.4	1,966.7	0.00	0.00	0.00	
13,100.0	90.31	180.02	11,281.0	-1,661.7	-1,894.4	2,063.9	0.00	0.00	0.00	
13,200.0	90.31	180.02	11,280.4	-1,761.7	-1,894.5	2,161.0	0.00	0.00	0.00	
13,300.0	90.31	180.02	11,279.9	-1,861.7	-1,894.5	2,258.2	0.00	0.00	0.00	
13,400.0	90.31	180.02	11,279.4	-1,961.7	-1,894.5	2,355.3	0.00	0.00	0.00	
13,500.0	90.31	180.02	11,278.8	-2,061.7	-1,894.6	2,452.5	0.00	0.00	0.00	
13,600.0	90.31	180.02	11,278.3	-2,161.7	-1,894.6	2,549.6	0.00	0.00	0.00	
13,700.0	90.31	180.02	11,277.7	-2,261.7	-1,894.7	2,646.8	0.00	0.00	0.00	
13,800.0	90.31	180.02	11,277.2	-2,361.7	-1,894.7	2,743.9	0.00	0.00	0.00	
13,900.0	90.31	180.02	11,276.7	-2,461.7	-1,894.7	2,841.1	0.00	0.00	0.00	
14,000.0	90.31	180.02	11,276.1	-2,561.7	-1,894.8	2,938.2	0.00	0.00	0.00	
14,100.0	90.31	180.02	11,275.6	-2,661.7	-1,894.8	3,035.4	0.00	0.00	0.00	
14,200.0	90.31	180.02	11,275.0	-2,761.7	-1,894.9	3,132.5	0.00	0.00	0.00	
14,300.0	90.31	180.02	11,274.5	-2,861.7	-1,894.9	3,229.7	0.00	0.00	0.00	
14,400.0	90.31	180.02	11,273.9	-2,961.7	-1,894.9	3,326.8	0.00	0.00	0.00	
14,500.0	90.31	180.02	11,273.4	-3,061.7	-1,895.0	3,424.0	0.00	0.00	0.00	
14,600.0	90.31	180.02	11,272.9	-3,161.7	-1,895.0	3,521.1	0.00	0.00	0.00	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2JO Federal #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2978.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2978.0usft (Original Well Elev)
Site:	Fuller 14/23 W2JO Federal #1H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 2320' FEL, Sec 14		
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)
14,700.0	90.31	180.02	11,272.3	-3,261.7	-1,895.0	3,618.3	0.00	0.00	0.00
14,800.0	90.31	180.02	11,271.8	-3,361.7	-1,895.1	3,715.4	0.00	0.00	0.00
14,900.0	90.31	180.02	11,271.2	-3,461.7	-1,895.1	3,812.6	0.00	0.00	0.00
15,000.0	90.31	180.02	11,270.7	-3,561.7	-1,895.2	3,909.7	0.00	0.00	0.00
15,100.0	90.31	180.02	11,270.2	-3,661.7	-1,895.2	4,006.9	0.00	0.00	0.00
15,200.0	90.31	180.02	11,269.6	-3,761.7	-1,895.2	4,104.0	0.00	0.00	0.00
15,300.0	90.31	180.02	11,269.1	-3,861.7	-1,895.3	4,201.2	0.00	0.00	0.00
15,400.0	90.31	180.02	11,268.5	-3,961.7	-1,895.3	4,298.3	0.00	0.00	0.00
15,500.0	90.31	180.02	11,268.0	-4,061.7	-1,895.4	4,395.5	0.00	0.00	0.00
15,600.0	90.31	180.02	11,267.5	-4,161.7	-1,895.4	4,492.6	0.00	0.00	0.00
15,700.0	90.31	180.02	11,266.9	-4,261.7	-1,895.4	4,589.8	0.00	0.00	0.00
15,800.0	90.31	180.02	11,266.4	-4,361.7	-1,895.5	4,686.9	0.00	0.00	0.00
15,900.0	90.31	180.02	11,265.8	-4,461.7	-1,895.5	4,784.1	0.00	0.00	0.00
16,000.0	90.31	180.02	11,265.3	-4,561.7	-1,895.6	4,881.2	0.00	0.00	0.00
16,100.0	90.31	180.02	11,264.8	-4,661.7	-1,895.6	4,978.4	0.00	0.00	0.00
16,200.0	90.31	180.02	11,264.2	-4,761.7	-1,895.6	5,075.5	0.00	0.00	0.00
16,300.0	90.31	180.02	11,263.7	-4,861.7	-1,895.7	5,172.7	0.00	0.00	0.00
16,400.0	90.31	180.02	11,263.1	-4,961.7	-1,895.7	5,269.8	0.00	0.00	0.00
16,500.0	90.31	180.02	11,262.6	-5,061.7	-1,895.7	5,367.0	0.00	0.00	0.00
16,600.0	90.31	180.02	11,262.1	-5,161.7	-1,895.8	5,464.1	0.00	0.00	0.00
16,700.0	90.31	180.02	11,261.5	-5,261.7	-1,895.8	5,561.3	0.00	0.00	0.00
16,800.0	90.31	180.02	11,261.0	-5,361.7	-1,895.9	5,658.4	0.00	0.00	0.00
16,900.0	90.31	180.02	11,260.4	-5,461.7	-1,895.9	5,755.6	0.00	0.00	0.00
17,000.0	90.31	180.02	11,259.9	-5,561.7	-1,895.9	5,852.7	0.00	0.00	0.00
17,100.0	90.31	180.02	11,259.4	-5,661.7	-1,896.0	5,949.9	0.00	0.00	0.00
17,200.0	90.31	180.02	11,258.8	-5,761.7	-1,896.0	6,047.0	0.00	0.00	0.00
17,300.0	90.31	180.02	11,258.3	-5,861.7	-1,896.1	6,144.2	0.00	0.00	0.00
17,400.0	90.31	180.02	11,257.7	-5,961.7	-1,896.1	6,241.3	0.00	0.00	0.00
17,500.0	90.31	180.02	11,257.2	-6,061.6	-1,896.1	6,338.5	0.00	0.00	0.00
17,600.0	90.31	180.02	11,256.7	-6,161.6	-1,896.2	6,435.6	0.00	0.00	0.00
17,700.0	90.31	180.02	11,256.1	-6,261.6	-1,896.2	6,532.8	0.00	0.00	0.00
17,800.0	90.31	180.02	11,255.6	-6,361.6	-1,896.3	6,629.9	0.00	0.00	0.00
17,900.0	90.31	180.02	11,255.0	-6,461.6	-1,896.3	6,727.1	0.00	0.00	0.00
18,000.0	90.31	180.02	11,254.5	-6,561.6	-1,896.3	6,824.2	0.00	0.00	0.00
18,100.0	90.31	180.02	11,254.0	-6,661.6	-1,896.4	6,921.4	0.00	0.00	0.00
18,200.0	90.31	180.02	11,253.4	-6,761.6	-1,896.4	7,018.5	0.00	0.00	0.00
18,300.0	90.31	180.02	11,252.9	-6,861.6	-1,896.4	7,115.7	0.00	0.00	0.00
18,400.0	90.31	180.02	11,252.3	-6,961.6	-1,896.5	7,212.8	0.00	0.00	0.00
18,500.0	90.31	180.02	11,251.8	-7,061.6	-1,896.5	7,310.0	0.00	0.00	0.00
18,600.0	90.31	180.02	11,251.2	-7,161.6	-1,896.6	7,407.1	0.00	0.00	0.00
18,700.0	90.31	180.02	11,250.7	-7,261.6	-1,896.6	7,504.3	0.00	0.00	0.00
18,800.0	90.31	180.02	11,250.2	-7,361.6	-1,896.6	7,601.4	0.00	0.00	0.00
18,900.0	90.31	180.02	11,249.6	-7,461.6	-1,896.7	7,698.6	0.00	0.00	0.00
19,000.0	90.31	180.02	11,249.1	-7,561.6	-1,896.7	7,795.7	0.00	0.00	0.00
19,100.0	90.31	180.02	11,248.5	-7,661.6	-1,896.8	7,892.9	0.00	0.00	0.00
19,201.3	90.31	180.02	11,248.0	-7,762.9	-1,896.8	7,991.3	0.00	0.00	0.00
BHL: 330' FSL & 2320' FEL (23)									

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2JO Federal #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2978.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2978.0usft (Original Well Elev)
Site:	Fuller 14/23 W2JO Federal #1H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 2320' FEL, Sec 14		
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: 2650' FNL & 425' F - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	379,235.40	661,066.30	32.0420093	-103.9469215
KOP: 2449' FNL & 2320' - plan hits target center - Point	0.00	0.00	10,715.0	214.3	-1,893.7	379,449.74	659,172.61	32.0426169	-103.9530307
BHL: 330' FSL & 2320' F - plan hits target center - Point	0.00	0.00	11,248.0	-7,762.9	-1,896.8	371,472.50	659,169.50	32.0206881	-103.9531313
LP/FTP: 2361' FSL & 23 - plan hits target center - Point	0.00	0.00	11,288.0	-361.7	-1,893.9	378,873.70	659,172.39	32.0410335	-103.9530379

PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	Mewbourne Oil Company
LEASE NO.:	NMNM11038
WELL NAME & NO.:	FULLER 14-23 W2JO FED 1H
SURFACE HOLE FOOTAGE:	2650'/N & 425'/E
BOTTOM HOLE FOOTAGE:	330'/S & 2320'/E
LOCATION:	Section 14, T.26 S., R.29 E., NMP
COUNTY:	Eddy County, New Mexico

COA

H2S	☐ Yes	☒ No	
Potash	☒ None	☐ Secretary	☐ R-111-P
Cave/Karst Potential	☐ Low	☒ Medium	☐ High
Cave/Karst Potential	☐ Critical		
Variance	☐ None	☒ Flex Hose	☐ Other
Wellhead	☐ Conventional	☒ Multibowl	☐ Both
Other	☐ 4 String Area	☐ Capitan Reef	☐ WIPP
Other	☐ Fluid Filled	☐ Cement Squeeze	☐ Pilot Hole
Special Requirements	☐ Water Disposal	☐ COM	☐ Unit

All Previous COAs Still Apply.

A. CASING

Casing Design:

1. The 13-3/8 inch surface casing shall be set at approximately **650 feet** (a minimum of **70 feet (Eddy County)** into the Rustler Anhydrite and above the salt) and cemented to the surface.
 - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
 - b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)
 - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.

- d. If cement falls back, remedial cementing will be done prior to drilling out that string.
2. The 9-5/8 inch intermediate casing shall be set at approximately **4160 feet**. The minimum required fill of cement behind the 9-5/8 inch intermediate casing is:

Option 1 (Single Stage):

- Cement to surface. If cement does not circulate see B.1.a, c-d above.
Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.
Excess cement calculates to -67%, additional cement might be required.

Option 2:

Operator has proposed a DV tool, the depth may be adjusted as long as the cement is changed proportionally. The DV tool may be cancelled if cement circulates to surface on the first stage.

- a. First stage to DV tool: Cement to circulate. If cement does not circulate off the DV tool, contact the appropriate BLM office before proceeding with second stage cement job.
 - b. Second stage above DV tool:
 - Cement to surface. If cement does not circulate, contact the appropriate BLM office.
Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.
- ❖ In Medium Cave/Karst Areas if cement does not circulate to surface on the first two casing strings, the cement on the 3rd casing string must come to surface.
3. The minimum required fill of cement behind the 7 inch production casing is:
 - Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.
Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.
4. The minimum required fill of cement behind the 4-1/2 inch production liner is:
 - Cement should tie-back **100 feet** into the previous casing. Operator shall provide method of verification.

B. PRESSURE CONTROL

1. Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).'
2. Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi.
 - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
 - b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
 - c. Manufacturer representative shall install the test plug for the initial BOP test.
 - d. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
 - e. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.

OTA05132021

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

COMMENTS

Action 48410

COMMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 48410
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 9/17/2021	9/17/2021

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CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	9/17/2021
kpickford	FTP not noted. If it is within 330' of the spacing unit boundary, an NSL is required.	9/17/2021
jagarcia	New Property code is 331064	10/22/2021