

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-104
Revised August 1, 2011
Submit one copy to appropriate District Office
☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		² OGRID Number 14744
		³ Reason for Filing Code/ Effective Date NW / 05/04/2021
⁴ API Number 30 - 025 - 46277	⁵ Pool Name WC-025 G-09 S213232A; Upper Wolfcamp	⁶ Pool Code 98313
⁷ Property Code 326001	⁸ Property Name Bilbrey 34/27 W0PA Fed Com	⁹ Well Number 1H

II. 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
O	34	21S	32E		205'	South	1531'	East	Lea

¹¹ Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	27	21S	32E		90'	North	329'	East	Lea
¹² Lse Code F	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date 05/04/2021	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	Oryx 4000 N Big Spring Midland, TX 79701	O
371960	Lucid Energy Group 3100 McKinnon Suite 800 Dallas, TX 75201	G

IV. Well Completion Data

²¹ Spud Date 12/01/2020	²² Ready Date 05/04/2021	²³ TD 22305'	²⁴ PBSD 22261'	²⁵ Perforations 12521' - 22248'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 ½"	13 ¾" J55 54.5#	960'	800		
12 ¼"	9 ⅝" NT80 & HCL80 40#	4704'	1125		
8 ¾"	7" HCP110 29#	12263'	825		
6 ⅞"	4 ½" HCP110 13.5# 3 ½" 6.5# L80	11484' - 22302' 11426'	875		

V. Well Test Data

³¹ Date New Oil 04/25/2021	³² Gas Delivery Date 04/25/2021	³³ Test Date 05/21/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 1650	³⁶ Csg. Pressure 1550
³⁷ Choke Size 38/64"	³⁸ Oil 1350	³⁹ Water 5132	⁴⁰ Gas 2705		⁴¹ Test Method Production

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Jackie Lathan		Approved by: KURT SIMMONS	
Title: Regulatory		Title: NMOCD, SANTA FE	
E-mail Address: jlathan@mewbourne.com		Approval Date: 08/20/2021	
Date: 06/16/2021	Phone: 575-393-5905		

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46277		² Pool Code 98313	³ Pool Name WC-025 G-09 S213232A; Upper Wolfcamp
⁴ Property Code 326001	⁵ Property Name BILBREY 34/27 WOPA FED COM		⁶ Well Number 1H
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY		⁹ Elevation 3717'

¹⁰ Surface Location

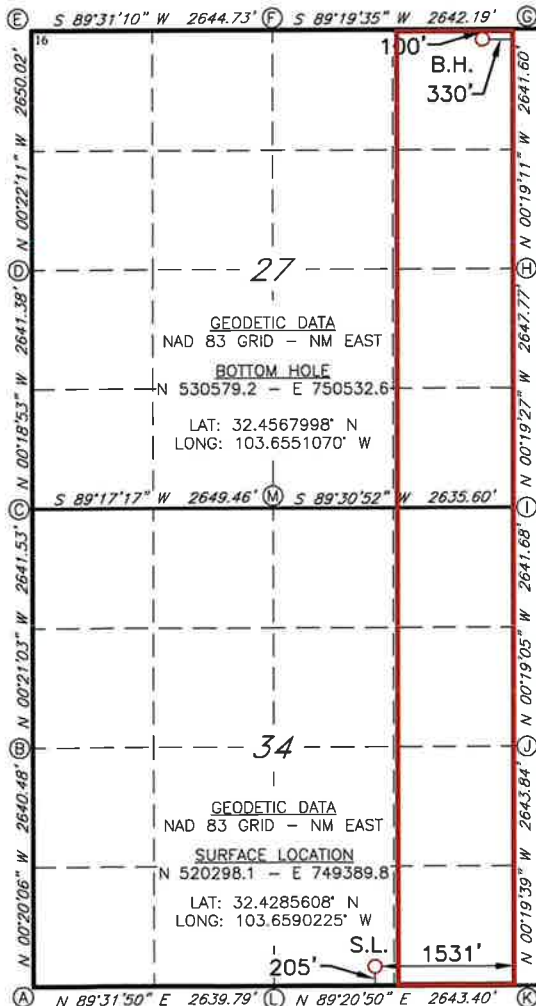
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
0	34	21S	32E		205	SOUTH	1531	EAST	LEA

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
B	27	21S	32E		90	NORTH	329	EAST	LEA

¹² Dedicated Acres 320	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.

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.

Jackie Lathan 06/16/2021
Signature Date

Jackie Lathan
Printed Name

jlathan@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.

09-03-2020

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number



RRC - Job No.:

LS20090415



Project: Lea County, NM (NAD83)
 Site: Sec 34-T21S-R32E
 Well: Bilbrey 34-27 W0PA Fed Com #1H
 1531 FEL, 205 FSL Sec 34
 Wellbore: Wellbore #1
 Design: Final Surveys

Map System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone Name: New Mexico Eastern Zone

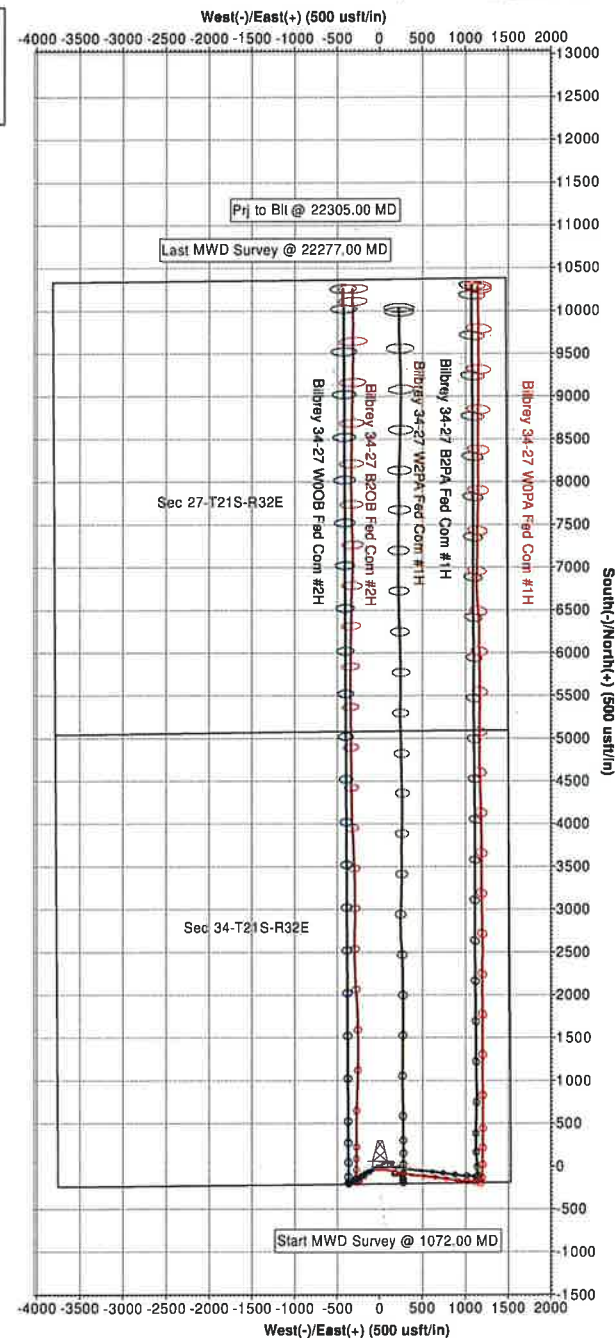
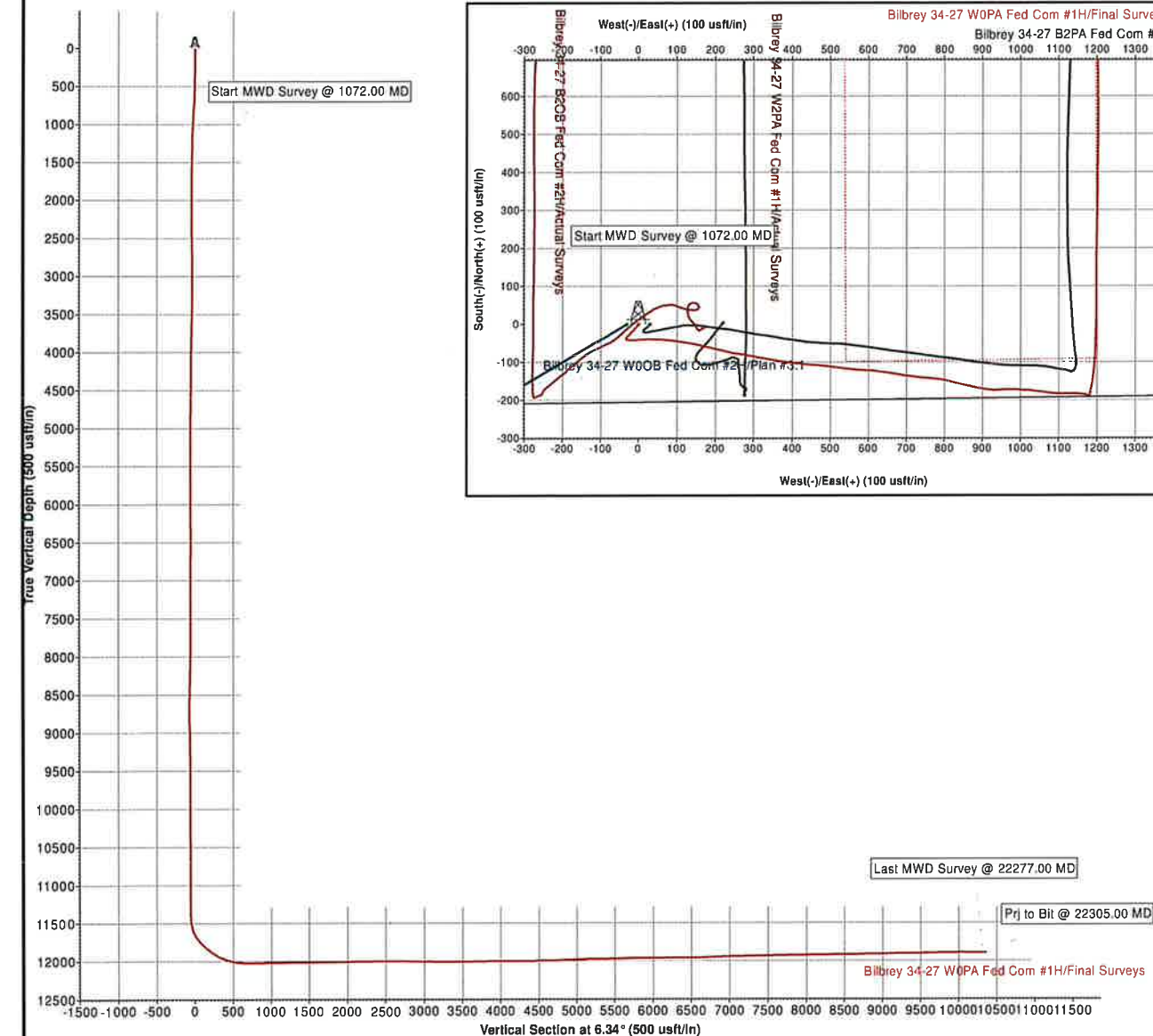


Azimuths to Grid North
 True North: -0.36°
 Magnetic North: 6.40°
 Magnetic Field
 Strength: 47906.8nT
 Dip Angle: 60.22°
 Date: 10/22/2020
 Model: BGGM2020

WELL DETAILS

3717 GL + 28 KB @ 3745.00usft (P 597)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	520298.100	749389.800	32.4285608	-103.6590224



HALLIBURTON | Sperry Drilling

P 597

Mewbourne Oil Company

Lea County, NM (NAD83) Sec 34-T21S-R32E

API#

Bilbrey 34-27 W0PA Fed Com #1H

1531 FEL, 205 FSL Sec 34

Wellbore #1

Design: Final Surveys

Sperry Drilling Services

Combo Report

04 January, 2021

Well Coordinates: 32.4285609
-103.6590224

North American Datum 1983
New Mexico Eastern Zone
520,298.10 N
749,389.80 E

Ground Level: 3,717.00 usft

Local Coordinate Origin:

Centered on Well Bilbrey 34-27 W0PA Fed Com #1H

Viewing Datum:

3717 GL + 28 KB @ 3745.00usft (P 597)

TVDs to System:

N

North Reference:

Grid

Unit System:

Midcon (2 decimal)

Version: 5000.15 Build: 91E

Report Version: Midcon Combo v1.15

HALLIBURTON

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Design Report for Bilbrey 34-27 W0PA Fed Com #1H - Final Surveys**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Eastling (usft)	Northing (usft)	Eastling (usft)				
0.00	0.00	0.00	0.00	0.00 N	0.00 E	520,298.100	749,389.800	0.00	0.00	0.00	
129.00	0.20	168.32	129.00	0.22 S	0.05 E	520,297.880	749,389.846	0.16	-0.21	168.32	
169.00	0.30	171.32	169.00	0.39 S	0.08 E	520,297.708	749,389.876	0.25	-0.38	8.96	
295.00	0.60	206.32	295.00	1.31 S	0.17 W	520,296.790	749,389.633	0.31	-1.32	60.91	
420.00	1.30	224.32	419.98	2.91 S	1.45 W	520,295.189	749,388.352	0.60	-3.05	32.26	
545.00	1.90	225.32	544.93	5.38 S	3.91 W	520,292.717	749,385.888	0.48	-5.78	3.16	
669.00	2.90	220.32	668.82	9.22 S	7.40 W	520,288.880	749,382.397	0.82	-9.98	-14.33	
828.00	4.30	223.32	827.50	16.62 S	14.10 W	520,281.476	749,375.704	0.89	-18.08	9.16	
923.00	4.10	219.32	922.25	21.84 S	18.69 W	520,276.258	749,371.109	0.37	-23.77	-126.31	
1,072.00	3.30	225.65	1,070.93	28.96 S	25.13 W	520,269.139	749,364.667	0.60	-31.56	156.08	Start MWD Survey @ 1072.00 MD
1,263.00	0.61	218.07	1,261.81	33.61 S	29.69 W	520,264.495	749,360.108	1.41	-36.68	-178.29	
1,452.00	0.59	216.14	1,450.80	35.18 S	30.89 W	520,262.917	749,358.914	0.02	-38.38	-135.66	
1,641.00	0.82	193.91	1,639.78	37.28 S	31.78 W	520,260.818	749,358.015	0.19	-40.56	-61.41	
1,830.00	0.71	210.11	1,828.76	39.61 S	32.70 W	520,258.493	749,357.103	0.13	-42.97	124.90	
2,019.00	1.86	98.06	2,017.73	41.05 S	30.25 W	520,257.049	749,359.552	1.18	-44.14	-129.24	
2,207.00	3.00	90.89	2,205.56	41.55 S	22.31 W	520,256.545	749,367.493	0.63	-43.76	-18.53	
2,396.00	4.53	88.40	2,394.15	41.42 S	9.90 W	520,256.677	749,379.899	0.81	-42.26	-7.34	
2,585.00	5.82	84.65	2,582.37	40.32 S	7.10 E	520,257.779	749,396.902	0.71	-39.29	-16.57	
2,772.00	7.74	90.99	2,768.06	39.65 S	29.13 E	520,258.445	749,418.935	1.10	-36.20	24.47	
2,962.00	9.23	92.14	2,955.97	40.44 S	57.16 E	520,257.655	749,446.956	0.79	-33.89	7.07	
3,150.00	10.80	96.79	3,141.11	43.09 S	89.72 E	520,255.009	749,479.516	0.94	-32.93	29.56	
3,338.00	11.41	100.44	3,325.59	48.54 S	125.49 E	520,249.557	749,515.295	0.49	-34.40	50.85	
3,528.00	8.93	103.87	3,512.59	55.48 S	158.30 E	520,242.615	749,548.099	1.34	-37.68	167.96	
3,717.00	8.77	103.22	3,699.34	62.30 S	186.57 E	520,235.804	749,576.367	0.10	-41.33	-148.32	
3,906.00	8.99	102.92	3,886.07	68.89 S	214.99 E	520,229.207	749,604.786	0.12	-44.75	-12.04	
4,095.00	8.50	101.97	4,072.88	75.09 S	243.04 E	520,223.008	749,632.844	0.27	-47.81	-164.05	
4,283.00	9.17	98.89	4,258.65	80.29 S	271.44 E	520,217.812	749,661.237	0.44	-49.84	-36.75	
4,472.00	9.23	100.06	4,445.21	85.26 S	301.24 E	520,212.837	749,691.040	0.10	-51.50	72.79	
4,646.00	8.71	100.99	4,617.09	90.21 S	327.91 E	520,207.887	749,717.714	0.31	-53.48	164.88	
4,757.00	9.22	100.35	4,726.73	93.41 S	344.91 E	520,204.687	749,734.712	0.47	-54.78	-11.38	
4,947.00	8.74	99.16	4,914.40	98.45 S	374.14 E	520,199.655	749,763.937	0.27	-56.56	-159.43	
5,136.00	9.01	97.51	5,101.14	102.67 S	402.99 E	520,195.435	749,792.786	0.20	-57.57	-44.13	
5,324.00	9.10	94.62	5,286.80	105.79 S	432.40 E	520,192.313	749,822.199	0.25	-57.42	-80.24	
5,513.00	9.24	93.00	5,473.38	107.78 S	462.45 E	520,190.315	749,852.250	0.16	-56.09	-62.33	
5,701.00	8.76	97.00	5,659.07	110.32 S	491.73 E	520,187.780	749,881.532	0.42	-55.38	129.46	
5,890.00	8.16	98.00	5,846.01	113.94 S	519.30 E	520,184.160	749,909.100	0.33	-55.94	166.72	

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Design Report for Bilbrey 34-27 W0PA Fed Com #1H - Final Surveys**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
6,078.00	8.04	96.80	6,032.13	117.35 S	545.57 E	520,180.746	749,935.367	0.11	-56.43	-125.96	
6,267.00	8.33	94.78	6,219.21	120.06 S	572.33 E	520,178.040	749,962.134	0.22	-56.17	-45.76	
6,456.00	8.08	92.26	6,406.28	121.72 S	599.25 E	520,176.376	749,989.050	0.23	-54.85	-126.05	
6,643.00	7.26	98.66	6,591.60	124.02 S	624.06 E	520,174.078	750,013.863	0.63	-54.40	136.97	
6,832.00	7.09	96.97	6,779.12	127.24 S	647.45 E	520,170.865	750,037.247	0.14	-55.01	-129.68	
7,020.00	7.86	99.52	6,965.53	130.77 S	671.64 E	520,167.331	750,061.442	0.45	-55.85	24.58	
7,209.00	7.20	100.66	7,152.90	135.10 S	696.03 E	520,163.002	750,085.827	0.36	-57.46	167.81	
7,398.00	8.04	96.07	7,340.23	138.69 S	720.81 E	520,159.414	750,110.610	0.55	-58.30	-38.22	
7,586.00	8.19	95.41	7,526.34	141.34 S	747.22 E	520,156.761	750,137.015	0.09	-58.02	-32.17	
7,775.00	8.27	93.49	7,713.40	143.44 S	774.18 E	520,154.664	750,163.985	0.15	-57.13	-74.72	
7,965.00	8.42	103.48	7,901.40	147.51 S	801.35 E	520,150.589	750,191.153	0.77	-58.18	89.05	
8,154.00	8.27	103.63	8,088.39	153.94 S	828.02 E	520,144.161	750,217.819	0.08	-61.62	171.82	
8,343.00	8.14	102.38	8,275.46	160.01 S	854.30 E	520,138.089	750,244.098	0.12	-64.76	-126.70	
8,531.00	7.98	103.23	8,461.60	165.85 S	880.00 E	520,132.249	750,269.802	0.11	-67.73	143.74	
8,720.00	8.13	99.94	8,648.74	171.16 S	905.94 E	520,126.939	750,295.737	0.26	-70.14	-73.61	
8,909.00	7.04	92.72	8,836.09	174.02 S	930.67 E	520,124.083	750,320.471	0.77	-70.25	-142.38	
9,097.00	6.47	82.35	9,022.79	173.15 S	952.68 E	520,124.946	750,342.478	0.71	-66.96	-120.14	
9,286.00	6.78	91.53	9,210.53	172.03 S	974.38 E	520,126.066	750,364.184	0.58	-63.46	78.28	
9,474.00	4.84	93.86	9,397.56	172.86 S	993.39 E	520,125.236	750,383.193	1.04	-62.18	174.23	
9,662.00	6.80	92.98	9,584.58	173.98 S	1,012.42 E	520,124.123	750,402.223	1.04	-61.19	-3.04	
9,851.00	5.75	95.50	9,772.44	175.47 S	1,033.02 E	520,122.634	750,422.822	0.57	-60.40	166.55	
10,040.00	6.54	97.62	9,960.36	177.80 S	1,053.11 E	520,120.299	750,442.914	0.43	-60.50	17.08	
10,228.00	6.72	100.44	10,147.10	181.21 S	1,074.54 E	520,116.886	750,464.344	0.20	-61.53	62.47	
10,417.00	6.75	88.81	10,334.80	182.99 S	1,096.52 E	520,115.113	750,486.325	0.72	-60.86	-94.52	
10,605.00	6.04	91.32	10,521.63	182.99 S	1,117.46 E	520,115.114	750,507.259	0.41	-58.55	159.75	
10,794.00	5.98	88.47	10,709.60	182.95 S	1,137.24 E	520,115.148	750,527.042	0.16	-56.34	-102.78	
10,984.00	4.58	98.80	10,898.79	183.85 S	1,154.63 E	520,114.252	750,544.434	0.89	-55.31	150.89	
11,173.00	3.92	97.83	11,087.27	185.88 S	1,168.49 E	520,112.217	750,558.291	0.35	-55.80	-174.27	
11,362.00	1.83	104.07	11,276.02	187.50 S	1,177.82 E	520,110.603	750,567.619	1.12	-56.37	174.59	
11,446.00	1.56	123.27	11,359.98	188.45 S	1,180.08 E	520,109.650	750,569.876	0.74	-57.07	124.81	
11,557.00	4.60	12.08	11,470.87	184.92 S	1,182.27 E	520,113.176	750,572.073	4.83	-53.33	-126.89	
11,604.00	9.78	8.57	11,517.48	179.13 S	1,183.26 E	520,118.970	750,573.063	11.06	-47.46	-6.59	
11,652.00	15.59	8.71	11,564.29	168.71 S	1,184.85 E	520,129.386	750,574.648	12.10	-36.93	0.37	
11,699.00	21.33	10.45	11,608.85	154.05 S	1,187.36 E	520,144.048	750,577.157	12.27	-22.08	6.31	
11,746.00	28.09	9.19	11,651.52	134.70 S	1,190.68 E	520,163.399	750,580.479	14.43	-2.48	-5.03	
11,793.00	34.38	5.52	11,691.70	110.54 S	1,193.73 E	520,187.557	750,583.526	13.98	21.87	-18.42	
11,841.00	38.13	2.86	11,730.40	82.24 S	1,195.77 E	520,215.859	750,585.570	8.47	50.22	-23.84	

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Design Report for Bilbrey 34-27 W0PA Fed Com #1H - Final Surveys**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
11,888.00	44.62	1.19	11,765.65	51.21 S	1,196.84 E	520,246.888	750,586.638	14.01	81.18	-10.29	
11,935.00	47.57	1.43	11,798.24	17.36 S	1,197.61 E	520,280.738	750,587.413	6.29	114.91	3.44	
11,982.00	50.51	1.64	11,829.04	18.11 N	1,198.57 E	520,316.215	750,588.365	6.26	150.27	3.16	
12,030.00	53.97	0.16	11,858.43	56.05 N	1,199.15 E	520,354.150	750,588.950	7.61	188.04	-19.14	
12,077.00	56.15	359.70	11,885.35	94.58 N	1,199.10 E	520,392.676	750,588.901	4.71	226.32	-9.95	
12,124.00	58.15	359.99	11,910.84	134.06 N	1,199.00 E	520,432.158	750,588.795	4.29	265.55	7.02	
12,179.00	61.62	0.58	11,938.44	181.63 N	1,199.24 E	520,479.726	750,589.036	6.38	312.86	8.52	
12,219.00	65.59	0.98	11,956.21	217.45 N	1,199.73 E	520,515.546	750,589.526	9.97	348.51	5.25	
12,265.00	72.63	1.11	11,972.61	260.39 N	1,200.51 E	520,558.488	750,590.310	15.31	391.28	1.01	
12,314.00	74.88	0.68	11,986.31	307.42 N	1,201.24 E	520,605.523	750,591.044	4.67	438.11	-10.46	
12,361.00	77.13	0.76	11,997.68	353.02 N	1,201.82 E	520,651.121	750,591.617	4.79	483.49	1.99	
12,408.00	79.19	0.42	12,007.32	399.02 N	1,202.29 E	520,697.116	750,592.090	4.44	529.26	-9.21	
12,455.00	83.16	1.02	12,014.53	445.45 N	1,202.88 E	520,743.546	750,592.675	8.54	575.47	8.54	
12,496.00	86.88	0.64	12,018.09	486.28 N	1,203.47 E	520,784.380	750,593.266	9.12	616.12	-5.83	
12,561.00	89.20	359.64	12,020.31	551.24 N	1,203.62 E	520,849.337	750,593.425	3.89	680.69	-23.32	
12,655.00	90.15	359.18	12,020.85	645.23 N	1,202.66 E	520,943.329	750,592.457	1.12	774.01	-25.84	
12,749.00	90.70	359.63	12,020.15	739.22 N	1,201.68 E	521,037.321	750,591.481	0.76	867.32	39.29	
12,843.00	90.82	359.72	12,018.90	833.21 N	1,201.15 E	521,131.311	750,590.948	0.16	960.67	36.87	
12,938.00	90.90	359.94	12,017.48	928.20 N	1,200.87 E	521,226.300	750,590.666	0.25	1,055.05	70.01	
13,032.00	90.20	359.33	12,016.57	1,022.19 N	1,200.27 E	521,320.292	750,590.067	0.99	1,148.40	-138.93	
13,126.00	90.60	0.17	12,015.92	1,116.19 N	1,199.86 E	521,414.288	750,589.657	0.99	1,241.78	64.53	
13,220.00	90.50	0.03	12,015.01	1,210.18 N	1,200.02 E	521,508.284	750,589.821	0.18	1,335.22	-125.54	
13,314.00	90.52	359.71	12,014.18	1,304.18 N	1,199.81 E	521,602.279	750,589.607	0.34	1,428.62	-86.42	
13,408.00	91.44	0.07	12,012.57	1,398.16 N	1,199.63 E	521,696.264	750,589.427	1.05	1,522.01	21.36	
13,503.00	90.48	359.57	12,010.98	1,493.15 N	1,199.33 E	521,791.249	750,589.129	1.14	1,616.38	-152.49	
13,597.00	90.74	359.70	12,009.98	1,587.14 N	1,198.73 E	521,885.242	750,588.530	0.31	1,709.73	26.56	
13,692.00	91.03	359.37	12,008.51	1,682.13 N	1,197.96 E	521,980.227	750,587.759	0.46	1,804.05	-48.69	
13,786.00	91.23	0.31	12,006.66	1,776.11 N	1,197.70 E	522,074.207	750,587.496	1.02	1,897.43	77.98	
13,880.00	91.13	0.02	12,004.72	1,870.09 N	1,197.97 E	522,168.187	750,587.767	0.33	1,990.87	-109.03	
13,974.00	90.24	359.14	12,003.60	1,964.08 N	1,197.28 E	522,262.176	750,587.078	1.33	2,084.20	-135.32	
14,069.00	90.90	359.57	12,002.65	2,059.06 N	1,196.21 E	522,357.164	750,586.009	0.83	2,178.49	33.08	
14,163.00	90.61	359.58	12,001.41	2,153.05 N	1,195.51 E	522,451.153	750,585.311	0.31	2,271.83	178.03	
14,257.00	90.94	358.70	12,000.14	2,247.03 N	1,194.10 E	522,545.133	750,583.901	1.00	2,365.08	-69.44	
14,351.00	91.30	2.24	11,998.30	2,341.00 N	1,194.87 E	522,639.097	750,584.671	3.78	2,458.56	84.16	
14,445.00	89.78	3.29	11,997.42	2,434.88 N	1,199.41 E	522,732.979	750,589.206	1.97	2,552.37	145.36	
14,539.00	89.08	358.73	11,998.35	2,528.83 N	1,201.06 E	522,826.935	750,590.862	4.91	2,645.93	-98.75	
14,634.00	88.83	357.65	12,000.09	2,623.77 N	1,198.06 E	522,921.870	750,587.862	1.17	2,739.96	-103.04	

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Design Report for Bilbrey 34-27 W0PA Fed Com #1H - Final Surveys**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
14,728.00	88.98	359.37	12,001.88	2,717.72 N	1,195.62 E	523,015.818	750,585.419	1.84	2,833.06	85.03	
14,823.00	88.86	359.12	12,003.67	2,812.69 N	1,194.37 E	523,110.792	750,584.167	0.29	2,927.32	-115.65	
14,917.00	90.74	359.77	12,004.00	2,906.68 N	1,193.46 E	523,204.783	750,583.257	2.12	3,020.63	19.07	
15,012.00	88.87	358.31	12,004.32	3,001.66 N	1,191.87 E	523,299.762	750,581.665	2.50	3,114.86	-142.02	
15,106.00	89.04	359.42	12,006.04	3,095.63 N	1,190.00 E	523,393.726	750,579.803	1.19	3,208.04	81.30	
15,201.00	89.93	358.92	12,006.89	3,190.61 N	1,188.63 E	523,488.711	750,578.427	1.07	3,302.29	-29.33	
15,295.00	90.02	358.81	12,006.93	3,284.59 N	1,186.77 E	523,582.693	750,576.565	0.15	3,395.50	-50.71	
15,389.00	90.60	359.72	12,006.43	3,378.58 N	1,185.56 E	523,676.682	750,575.360	1.15	3,488.78	57.49	
15,484.00	91.33	2.05	12,004.83	3,473.55 N	1,187.03 E	523,771.650	750,576.826	2.57	3,583.33	72.58	
15,578.00	89.74	359.58	12,003.95	3,567.53 N	1,188.36 E	523,865.626	750,578.163	3.12	3,676.88	-122.76	
15,672.00	91.61	0.48	12,002.84	3,661.51 N	1,188.41 E	523,959.615	750,578.212	2.21	3,770.30	25.70	
15,767.00	91.30	359.89	12,000.43	3,756.48 N	1,188.72 E	524,054.583	750,578.519	0.70	3,864.72	-117.72	
15,862.00	88.83	358.09	12,000.32	3,851.46 N	1,187.04 E	524,149.557	750,576.844	3.22	3,958.93	-143.91	
15,956.00	90.42	359.17	12,000.94	3,945.42 N	1,184.80 E	524,243.524	750,574.597	2.04	4,052.07	34.19	
16,052.00	89.91	359.35	12,000.66	4,041.41 N	1,183.56 E	524,339.515	750,573.357	0.56	4,147.34	160.56	
16,146.00	90.40	358.52	12,000.40	4,135.40 N	1,181.81 E	524,433.497	750,571.610	1.03	4,240.56	-59.44	
16,241.00	91.03	358.35	11,999.22	4,230.35 N	1,179.22 E	524,528.454	750,569.016	0.69	4,334.65	-15.10	
16,335.00	92.02	358.39	11,996.72	4,324.28 N	1,176.54 E	524,622.381	750,566.343	1.05	4,427.71	2.31	
16,429.00	92.77	359.00	11,992.79	4,418.17 N	1,174.40 E	524,716.274	750,564.204	1.03	4,520.79	39.09	
16,524.00	89.80	357.70	11,990.66	4,513.10 N	1,171.67 E	524,811.198	750,561.469	3.41	4,614.83	-156.35	
16,619.00	90.32	358.15	11,990.56	4,608.03 N	1,168.23 E	524,906.135	750,558.029	0.72	4,708.81	40.87	
16,713.00	93.38	0.20	11,987.52	4,701.96 N	1,166.88 E	525,000.060	750,556.675	3.92	4,802.01	33.78	
16,807.00	92.29	359.59	11,982.88	4,795.84 N	1,166.70 E	525,093.943	750,556.503	1.33	4,895.30	-150.78	
16,902.00	92.55	0.50	11,978.86	4,890.76 N	1,166.78 E	525,188.857	750,556.577	1.00	4,989.64	74.02	
16,996.00	91.44	359.38	11,975.59	4,984.70 N	1,166.68 E	525,282.797	750,556.479	1.68	5,083.00	-134.74	
17,090.00	90.88	0.62	11,973.69	5,078.68 N	1,166.68 E	525,376.776	750,556.479	1.45	5,176.40	114.30	
17,185.00	89.74	359.49	11,973.17	5,173.67 N	1,166.77 E	525,471.771	750,556.570	1.69	5,270.83	-135.25	
17,279.00	91.04	0.18	11,972.54	5,267.67 N	1,166.50 E	525,565.766	750,556.299	1.57	5,364.22	27.96	
17,373.00	92.15	0.83	11,969.92	5,361.62 N	1,167.33 E	525,659.724	750,557.127	1.37	5,457.70	30.33	
17,467.00	91.61	0.39	11,966.83	5,455.57 N	1,168.33 E	525,753.667	750,558.127	0.74	5,551.18	-140.83	
17,561.00	90.85	0.27	11,964.82	5,549.54 N	1,168.87 E	525,847.644	750,558.669	0.82	5,644.64	-171.03	
17,655.00	90.86	359.63	11,963.41	5,643.53 N	1,168.79 E	525,941.633	750,558.587	0.68	5,738.04	-89.10	
17,750.00	91.13	358.99	11,961.76	5,738.51 N	1,167.64 E	526,036.611	750,557.443	0.73	5,832.32	-67.12	
17,844.00	89.92	359.01	11,960.90	5,832.49 N	1,166.00 E	526,130.591	750,555.802	1.29	5,925.54	179.05	
17,938.00	90.31	359.58	11,960.71	5,926.48 N	1,164.85 E	526,224.583	750,554.646	0.73	6,018.83	55.62	
18,033.00	91.10	359.21	11,959.55	6,021.47 N	1,163.84 E	526,319.569	750,553.643	0.92	6,113.13	-25.09	

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Design Report for Bilbrey 34-27 W0PA Fed Com #1H - Final Surveys**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
18,126.00	90.15	359.56	11,958.53	6,114.46 N	1,162.84 E	526,412.557	750,552.645	1.09	6,205.44	159.77	
18,221.00	90.06	358.92	11,958.36	6,209.45 N	1,161.58 E	526,507.548	750,551.385	0.68	6,299.71	-98.00	
18,315.00	90.77	359.31	11,957.68	6,303.43 N	1,160.13 E	526,601.534	750,549.933	0.86	6,392.96	28.78	
18,409.00	90.32	358.05	11,956.78	6,397.40 N	1,157.97 E	526,695.503	750,547.767	1.42	6,486.12	-109.65	
18,503.00	90.47	354.63	11,956.13	6,491.19 N	1,151.97 E	526,789.295	750,541.768	3.64	6,578.67	-87.48	
18,598.00	91.49	353.99	11,954.51	6,585.71 N	1,142.55 E	526,883.811	750,532.351	1.27	6,671.57	-32.10	
18,692.00	92.57	356.72	11,951.18	6,679.33 N	1,134.94 E	526,977.433	750,524.743	3.12	6,763.78	68.36	
18,786.00	92.54	359.36	11,946.99	6,773.18 N	1,131.73 E	527,071.276	750,521.532	2.81	6,856.70	90.59	
18,880.00	91.80	0.62	11,943.43	6,867.11 N	1,131.72 E	527,165.206	750,521.516	1.55	6,950.05	120.42	
18,975.00	91.77	1.57	11,940.47	6,962.04 N	1,133.53 E	527,260.142	750,523.330	1.00	7,044.61	91.79	
19,069.00	91.40	0.92	11,937.87	7,055.98 N	1,135.57 E	527,354.083	750,525.372	0.80	7,138.20	-119.65	
19,163.00	91.64	1.72	11,935.38	7,149.92 N	1,137.74 E	527,448.024	750,527.536	0.89	7,231.81	73.28	
19,258.00	89.80	359.53	11,934.18	7,244.90 N	1,138.77 E	527,543.001	750,528.572	3.01	7,326.32	-130.02	
19,351.00	91.21	0.43	11,933.36	7,337.89 N	1,138.74 E	527,635.994	750,528.540	1.80	7,418.74	32.55	
19,446.00	91.82	1.32	11,930.85	7,432.85 N	1,140.19 E	527,730.949	750,529.990	1.14	7,513.28	55.55	
19,540.00	91.26	0.69	11,928.32	7,526.80 N	1,141.84 E	527,824.899	750,531.638	0.90	7,606.83	-131.63	
19,634.00	91.32	1.00	11,926.21	7,620.77 N	1,143.22 E	527,918.865	750,533.024	0.34	7,700.38	79.04	
19,729.00	90.83	1.16	11,924.43	7,715.73 N	1,145.01 E	528,013.831	750,534.814	0.54	7,794.96	161.92	
19,823.00	90.55	0.83	11,923.29	7,809.71 N	1,146.65 E	528,107.810	750,536.446	0.46	7,888.55	-130.31	
19,916.00	90.71	0.58	11,922.27	7,902.70 N	1,147.79 E	528,200.797	750,537.590	0.32	7,981.09	-57.38	
20,011.00	90.56	0.02	11,921.22	7,997.69 N	1,148.29 E	528,295.790	750,538.088	0.61	8,075.56	-104.99	
20,105.00	90.86	359.62	11,920.05	8,091.68 N	1,147.99 E	528,389.782	750,537.792	0.53	8,168.95	-53.13	
20,199.00	90.56	359.36	11,918.89	8,185.67 N	1,147.16 E	528,483.771	750,536.956	0.42	8,262.27	-139.09	
20,294.00	90.83	359.75	11,917.74	8,280.66 N	1,146.42 E	528,578.761	750,536.218	0.50	8,356.60	55.30	
20,389.00	90.13	1.22	11,916.94	8,375.65 N	1,147.22 E	528,673.751	750,537.022	1.71	8,451.10	115.46	
20,483.00	89.99	358.11	11,916.84	8,469.64 N	1,146.67 E	528,767.737	750,536.473	3.31	8,544.45	-92.58	
20,577.00	91.75	0.12	11,915.41	8,563.61 N	1,145.22 E	528,861.707	750,535.021	2.84	8,637.68	48.78	
20,671.00	91.49	0.60	11,912.76	8,657.57 N	1,145.81 E	528,955.667	750,535.611	0.58	8,731.13	118.45	
20,766.00	90.92	0.44	11,910.76	8,752.54 N	1,146.67 E	529,050.642	750,536.473	0.62	8,825.62	-164.32	
20,861.00	91.38	0.37	11,908.85	8,847.52 N	1,147.34 E	529,145.620	750,537.144	0.49	8,920.10	-8.65	
20,955.00	91.42	0.50	11,906.56	8,941.49 N	1,148.06 E	529,239.589	750,537.858	0.14	9,013.57	72.89	
21,049.00	91.11	0.64	11,904.48	9,035.46 N	1,148.99 E	529,333.561	750,538.793	0.36	9,107.07	155.70	
21,143.00	90.32	0.60	11,903.31	9,129.45 N	1,150.01 E	529,427.548	750,539.810	0.84	9,200.60	-177.10	
21,237.00	91.17	0.40	11,902.09	9,223.44 N	1,150.83 E	529,521.535	750,540.630	0.93	9,294.10	-13.24	
21,331.00	90.92	0.53	11,900.37	9,317.42 N	1,151.59 E	529,615.517	750,541.393	0.30	9,387.59	152.53	
21,426.00	90.15	0.13	11,899.48	9,412.41 N	1,152.14 E	529,710.510	750,541.940	0.91	9,482.07	-152.55	
21,520.00	90.83	359.69	11,898.68	9,506.41 N	1,151.99 E	529,804.506	750,541.792	0.86	9,575.47	-32.90	

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Design Report for Bilbrey 34-27 W0PA Fed Com #1H - Final Surveys**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
21,615.00	91.34	359.88	11,896.88	9,601.39 N	1,151.64 E	529,899.488	750,541.436	0.57	9,669.83	20.43	
21,709.00	91.16	359.88	11,894.83	9,695.36 N	1,151.44 E	529,993.465	750,541.239	0.19	9,763.21	180.00	
21,806.00	90.93	359.08	11,893.06	9,792.34 N	1,150.56 E	530,090.444	750,540.359	0.86	9,859.50	-106.03	
21,900.00	90.97	358.67	11,891.50	9,886.31 N	1,148.71 E	530,184.413	750,538.514	0.44	9,952.70	-84.42	
21,995.00	89.04	359.02	11,891.49	9,981.29 N	1,146.80 E	530,279.389	750,536.599	2.06	10,046.88	169.72	
22,089.00	90.02	359.46	11,892.27	10,075.28 N	1,145.55 E	530,373.376	750,535.352	1.14	10,140.16	24.18	
22,183.00	89.56	359.62	11,892.61	10,169.27 N	1,144.80 E	530,467.372	750,534.597	0.52	10,233.49	160.82	
22,277.00	87.77	358.60	11,894.80	10,263.23 N	1,143.34 E	530,561.330	750,533.138	2.19	10,326.72	-150.34	Last MWD Survey @ 22277.00 MD
22,305.00	87.77	358.60	11,895.89	10,291.20 N	1,142.65 E	530,589.301	750,532.454	0.00	10,354.44	0.00	Prj to Bit @ 22305.00 MD

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,072.00	1,070.93	-28.96	-25.13	Start MWD Survey @ 1072.00 MD

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin		Start TVD (usft)
				+N/-S (usft)	+E/-W (usft)	
TD	No Target (Freehand)	6.34	Slot	0.00	0.00	0.00

Survey tool program

From (usft)	To (usft)	Survey/Plan	Survey Tool
129.00	923.00	Surface (Wildfire)	3_MWD
1,072.00	11,446.00	Intermediate	3_MWD+HRGM
11,557.00	12,561.00	Curve	3_MWD+HRGM
12,655.00	22,277.00	Lateral	3_MWD+HRGM
22,305.00	22,305.00	Prj to TD	3_Blind

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Design Report for Bilbrey 34-27 W0PA Fed Com #1H - Final Surveys****Casing Details**

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
22,305.00	11,895.89	4 1/2"	4-1/2	5-7/8

Design Targets

Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	()	()	()	()	()	()	()		
- Shape									
()									

Directional Difficulty Index

Average Dogleg over Survey:	1.20 °/100usft	Maximum Dogleg over Survey:	15.31 °/100usft at 12,265.00 usft
Net Tortousity applicable to Plans:	0.73 °/100usft	Directional Difficulty Index:	6.768

Audit Info

HALLIBURTON**Mewbourne Oil Company**

Lea County, NM (NAD83)

North Reference Sheet for Sec 34-T21S-R32E - Bilbrey 34-27 W0PA Fed Com #1H - Wellbore #1

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to Grid North Reference.

Vertical Depths are relative to 3717 GL + 28 KB @ 3745.00usft (P 597). Northing and Easting are relative to Bilbrey 34-27 W0PA Fed Com #1H

Coordinate System is US State Plane 1983, New Mexico Eastern Zone using datum North American Datum 1983, ellipsoid GRS 1980

Projection method is Transverse Mercator (Gauss-Kruger)

Central Meridian is -104.3333333°, Longitude Origin:0.0000000°, Latitude Origin:0.0000000°

False Easting: 541,337.500usft, False Northing: 0.000usft, Scale Reduction: 0.99995866

Grid Coordinates of Well: 520,298.100 usft N, 749,389.800 usft E

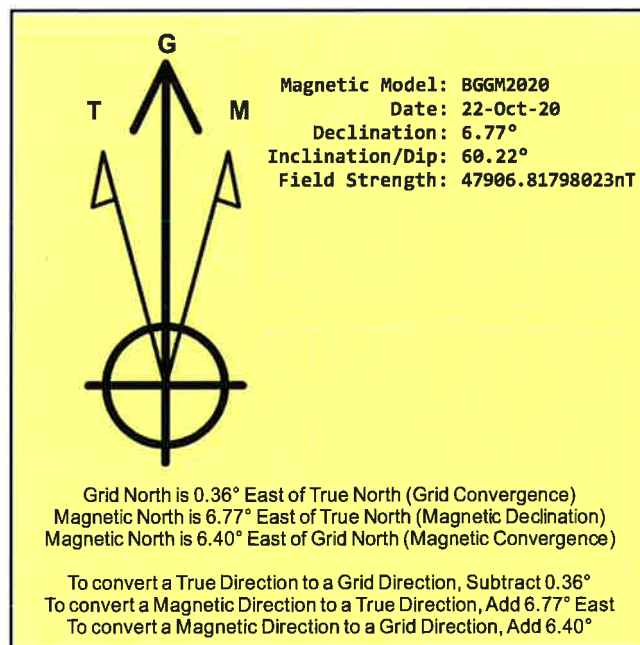
Geographical Coordinates of Well: 32.4285609, -103.6590224

Grid Convergence at Surface is: 0.36°

Based upon Minimum Curvature type calculations, at a Measured Depth of 22,305.00usft

the Bottom Hole Displacement is 10,354.44usft in the Direction of 6.34° (Grid).

Magnetic Convergence at surface is: -6.40° (22 October 2020, , BGGM2020)



Intent ☐ As Drilled ☒

API # 30-025-46277		
Operator Name: Mewbourne Oil Co.	Property Name: Bilbrey 34/27 W0PA Fed Com	Well Number 1H

Kick Off Point (KOP)

UL P	Section 34	Township 21S	Range 32E	Lot	Feet 3	From N/S S	Feet 351	From E/W E	County Lea
Latitude 32.4280227					Longitude -103.6552023				NAD 83

First Take Point (FTP)

UL P	Section 34	Township 21S	Range 32E	Lot	Feet 369	From N/S S	Feet 330	From E/W E	County Lea
Latitude 32.4290301					Longitude -103.6551329				NAD 83

Last Take Point (LTP)

UL A	Section 27	Township 21S	Range 32E	Lot	Feet 111	From N/S N	Feet 329	From E/W E	County Lea
Latitude 32.4567704					Longitude -103.6551038				NAD 83

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

KZ 06/29/2018

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

Sundry Print Report

06/29/2021

Well Name: BILBREY 34/27 W0PA FED COM	Well Location: T21S / R32E / SEC 34 / SWSE / 32.4284961 / -103.6613218	County or Parish/State: LEA / NM
Well Number: 1H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM86710	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546277	Well Status: Drilling Well	Operator: MEWBOURNE OIL COMPANY

Subsequent Report**Type of Submission:** Subsequent Report**Type of Action:** Hydraulic Fracturing**Date Sundry Submitted:** 06/15/2021**Time Sundry Submitted:** 01:51**Date Operation Actually Began:** 03/28/2021

Actual Procedure: Frac horizontal Wolfcamp from 12521' MD to 22248' MD w/25,402,230 gals Slickwater, carrying 25,204,499# local 100 mesh sand. Flowback well for cleanup. 04/27/2021 Drill out frac plugs to PBTD @ 22261'. 05/02/2021 RIH w/3 1/2" 6.5# L80 IPC tbg & GLVs to 11426'. 05/04/2021 PWOL. FORMATION TOPS: Rustler 879', T/Salt 1191', Castile 3007', B/salt 4253', Delaware 4792', Bell Canyon 4826', Cherry Canyon 5853', Manzanita 5955', Brushy Canyon 7196', Bone Spring 8789', 1st Bone Spring 9831', 2nd Bone Spring 10402', 3rd Bone Spring 11532', Wolfcamp 11870'. REQUEST FOR OCD EXTENSION OF TIME TO FILE BLM APPROVED FORM 3160-4.

Well Name: BILBREY 34/27 W0PA FED COM	Well Location: T21S / R32E / SEC 34 / SWSE / 32.4284961 / -103.6613218	County or Parish/State: LEA / NM
Well Number: 1H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM86710	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546277	Well Status: Drilling Well	Operator: MEWBOURNE OIL COMPANY

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:** JUN 15, 2021 01:50 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:** Jackie Lathan**Street Address:** PO Box 5270**City:** Hobbs**State:** NM**Zip:** 88241**Phone:** (575)393-5905**Email address:** jlathan@mewbourne.com**BLM Point of Contact****BLM POC Name:** Jonathon W Shepard**BLM POC Title:** Petroleum Engineer**BLM POC Phone:** 5752345972**BLM POC Email Address:** jshepard@blm.gov**Disposition:** Accepted**Disposition Date:** 06/28/2021**Signature:** Jonathon Shepard



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

Well Completion Print Report

06/18/2021

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 WOPA FED COM	Well Number 1H	US Well Number 3002546277
	County LEA	State NM	Lease Number(s) NMNM86710, NMNM86710
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400028335

Section 1 - General

Well Completion Report Id: 76795

Submission Date: N/A until DB Work

BLM Office: Carlsbad Field Office

User: Bradley Bishop

Title: Regulatory

Federal/Indian: FEDERAL

Lease Number:

Lease Acres:

Agreement in place?: NO

Federal or Indian Agreement:

Agreement Number:

Agreement Name:

Keep this Well Completion Report confidential?: YES

APD Operator: MEWBOURNE OIL
COMPANY

Section 2 - Well Information

Field/Pool or Exploratory: Field/Pool

Pool Name: Upper Wolfcamp

Field Name: WC-025 G-09 S213232A

Well Type: OIL WELL

Spud Date: 12-01-2020

Date Total Measured Depth Reached: 12-30-2020

Drill & Abandon or Ready To Produce: READY TO PRODUCE

Well Class: HORIZONTAL

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
UNKNOWN	ANHYDRITE		3717	27	27	NONE	
RUSTLER	ANHYDRITE, DOLOMITE		2822	895	895	USEABLE WATER	

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 W0PA FED COM	Well Number 1H	US Well Number 3002546277
	County LEA	State NM	Lease Number(s) NMNM86710, NMNM86710
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400028335

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
TOP SALT	SALT		2567	1150	1150	NONE	
BOTTOM SALT	SALT		-683	4400	4400	NONE	
DELAWARE	LIMESTONE		-1063	4780	4780	NATURAL GAS, OIL	
BONE SPRING LIME	LIMESTONE, SHALE		-5043	8760	8760	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6133	9850	9850	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-6703	10420	10420	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE		-7803	11520	11520	NATURAL GAS, OIL	

Completion and Completed Intervals

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	X1	1	NMNM86710	NMNM86710	NEW		DRG	04-14-2021	04-25-2021	Wolfcamp	12175	22248	Y	.39	2232	OPEN

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 W0PA FED COM	Well Number 1H	US Well Number 3002546277
Well Type OIL WELL	County LEA	State NM	Lease Number(s) NMNM86710, NMNM86710
Allottee/Tribe Name	Well Status Drilling Well	Agreement Name	Agreement Number(s) ID 10400028335
	Well Pad Name null	Well Pad Number null	

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Total Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	X1	1	Y	FRAC	604815		Frac horizontal Wolfcamp w/25,402,230 gals slickwater, carrying 25,204,499 # local 100 mesh sand.

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	X1	1			GAS LIFT		SOLD	

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	X1	1	05/21/2021	24	1350	2705	5132	2003	38/64	1650	1550

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 WOPA FED COM	Well Number 1H	US Well Number 3002546277
Well Type OIL WELL	County LEA	State NM	Lease Number(s) NMNM86710, NMNM86710
Allottee/Tribe Name	Well Status Drilling Well	Agreement Name	Agreement Number(s) ID 10400028335
	Well Pad Name null	Well Pad Number null	

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum:

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MID (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4285608	-103.6590225	3717	FEDERAL	NMNM86710				205	FSL	1531	FEL	21S	32E	34	SWSE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4280227	-103.6552023	-7643	FEE	FEE				3	FSL	351	FEL	21S	32E	34	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4316489	-103.655111	-8299	FEDERAL	NMNM86710				1322	FSL	324	FEL	21S	32E	34	NESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4290301	-103.6551329	-8219	FEE	FEE				369	FSL	330	FEL	21S	32E	34	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4352812	-103.6550845	-8281	FEDERAL	NMNM83607				2642	FNL	317	FEL	21S	32E	34	SENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4498122	-103.6551517	-8207	FEDERAL	NMNM114819				2642	FNL	342	FEL	21S	32E	27	SENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4425423	-103.6551371	-8257	FEDERAL	NMNM63019				0	FSL	336	FEL	21S	32E	27	SESE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4567704	-103.6551038	-8174	FEDERAL	NMNM114819				111	FNL	329	FEL	21S	32E	27	NENE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4568281	-103.6551037	-8174	FEDERAL	NMNM114819				90	FNL	329	FEL	21S	32E	27	NENE

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 WOPA FED COM	Well Number 1H	US Well Number 3002546277
Well Type OIL WELL	County LEA	State NM	Lease Number(s) NMNM86710, NMNM86710
Allottee/Tribe Name	Well Status Drilling Well	Agreement Name	Agreement Number(s) ID 10400028335
	Well Pad Name null	Well Pad Number null	

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	960	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	4704	9.625	40	HCL-80		LT&C		
00	PRODUCTION	8.75	0	12263	7.0	29	HCP-110		LT&C		
00	LINER	6.125	11484	22302	4.5	13.5	HCP-110		LT&C		

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield (cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume (bbls)
00	SURFACE		Class C	600	1.74	0	Class C	200	1.34		233.7
00	INTERMEDIATE		Class C	925	2.01	0	Class C	200	1.33		378.5
00	PRODUCTION		Class H	425	3.18	3800	Class H	400	1.18		324.8
00	LINER		Class H	875	1.74	11484				925	271.2

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 WOPA FED COM	Well Number 1H	US Well Number 3002546277
	County LEA	State NM	Lease Number(s) NMNM86710, NMNM86710
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400028335

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	3.5		11426	11409	6	L-80		OTHER	EUE

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report Completed?	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 WOPA FED COM	Well Number 1H	US Well Number 3002546277
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Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400028335

Operator Certification

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 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 Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: MEWBOURNE OIL COMPANY

Signed By: Bradley Bishop

Title: Regulatory

Signed on: 06/18/2021

Street Address: PO Box 5270

City: Hobbs

State: NM

Zip: 88260

Phone: (575)393-5905

Email address: bbishop@mewbourne.com

Field Representative

Representative Name: Jackie Lathan

Street Address: PO Box 5270

City: Hobbs

State: NM

Zip: 88241

Phone: (575)393-5905

Extension: 5002

Email address: jlathan@mewbourne.com

Attachments

Bilbrey_34_27_WOPA_Fed_Com_1H_240_MD_20210615131813.pdf

Bilbrey_34_27_WOPA_Fed_Com_1H_240_TVD_20210615131849.pdf

Bilbrey_34_27_WOPA_Fed_Com_1H_480_MD_20210615132118.pdf

Bilbrey_34_27_WOPA_Fed_Com_1H_480_TVD_20210615132159.pdf

Bilbrey_34_27_WOPA_Fed_Com__20210615132234

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 W0PA FED COM	Well Number 1H	US Well Number 3002546277
Well Type OIL WELL	County LEA	State NM	Lease Number(s) NMNM86710, NMNM86710
Allottee/Tribe Name	Well Status Drilling Well	Agreement Name	Agreement Number(s) ID 10400028335
	Well Pad Name null	Well Pad Number null	

20210618133427_20210618133437.pdf

Mewbourne Oil Company

Well Name: Bilbrey 34/27 W0PA Fed Com #1H

Updated by: Andy Taylor

Spud Date: 12/1/2020

Date Updated: 6/4/2021

Surface

17 1/2" x 13 3/4" 54.5# J55
Set @ 960'
Cmt w/ 800 sx
Circ. 390 sx to pit

Intermediate

12 3/4" x 9 1/4" 40# N80 & HCL80
Set @ 4704'
Cmt w/ 1125 sx
Circ. 245 sx to pit

Production

8 3/4" x 7" 29# HCP110
Set @ 12,263'
Cmt w/ 825 sx
TOC @ 3800' (est.)

Liner

6 1/8" x 4 1/2" 13.5 # HCP110
Set @ 11,484' - 22,302'
Cmt w/ 875 sx
TOC @ 11,484'

TBG Detail:		
1	2 3/8" Sub w/ P/O Plug	6.00'
1	2 3/8" x 7" AS 1X Pkr	11.00'
1	2 3/8" SN & Collar	1.10'
1	2 3/8" x 3 1/2" X/O	0.50'
1	3 1/2" 9.3# L80 IPC tbg	32.91'
1	3 1/2" L80 IPC GLV #1	4.10'
26	3 1/2" 9.3# L80 IPC tbg	855.72'
1	3 1/2" L80 IPC GLV #2	4.10'
26	3 1/2" 9.3# L80 IPC tbg	855.20'
1	3 1/2" L80 IPC GLV #3	4.10'
27	3 1/2" 9.3# L80 IPC tbg	887.92'
1	3 1/2" L80 IPC GLV #4	4.10'
26	3 1/2" 9.3# L80 IPC tbg	850.31'
1	3 1/2" L80 IPC GLV #5	4.10'
26	3 1/2" 9.3# L80 IPC tbg	857.26'
1	3 1/2" L80 IPC GLV #6	4.10'
26	3 1/2" 9.3# L80 IPC tbg	852.06'
1	3 1/2" L80 IPC GLV #7	4.10'
26	3 1/2" 9.3# L80 IPC tbg	851.08'
1	3 1/2" L80 IPC GLV #8	4.10'
26	3 1/2" 9.3# L80 IPC tbg	854.37'
1	3 1/2" L80 IPC GLV #9	4.10'
26	3 1/2" 9.3# L80 IPC tbg	855.14'
1	3 1/2" L80 IPC GLV #10	4.10'
26	3 1/2" 9.3# L80 IPC tbg	855.30'
1	3 1/2" L80 IPC GLV #11	4.10'
26	3 1/2" 9.3# L80 IPC tbg	855.93'
1	3 1/2" L80 IPC GLV #12	4.10'
56	3 1/2" 9.3# L80 IPC tbg	1840.02'
3	3 1/2" 9.3# L80 IPC subs	26.30'
Total tbg		11397.61'
KB Correction		28.00'
Tbg set @		11425.61'

KOP @ 11,446'
Dev @ KOP: 1.56°

TVD @ 12,021'
TD 6 1/8" hole @ 22,305'

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

ACKNOWLEDGMENTS

Action 34279

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 34279
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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 34279

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 34279
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	8/20/2021