

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

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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 - 43918	⁵ Pool Name Bilbrey Basin; Bone Spring	
		⁶ Pool Code 5695
⁷ Property Code 319279 322154	⁸ Property Name Bilbrey 34/27 B2PA Fed Com	⁹ Well Number 1H

II. ¹⁰ Surface Location

Ul or lot no. O	Section 34	Township 21S	Range 32E	Lot Idn	Feet from the 205'	North/South Line South	Feet from the 1501'	East/West line East	County Lea
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¹¹ Bottom Hole Location

UL or lot no. A	Section 27	Township 21S	Range 32E	Lot Idn	Feet from the 84'	North/South line North	Feet from the 398'	East/West line East	County Lea
¹² Lse Code F	¹³ Producing Method Code Flowing		¹⁴ Gas Connection Date 05/21/2021		¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters We are asking for an exemption from tubing at this time.

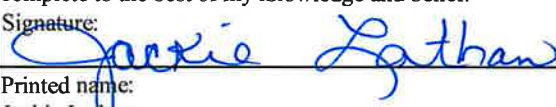
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	Oryx 4000 N Big Spring Midland, TX 79701	O
371960	Lucid Energy Group 3100 McKinnon Suite 800 Dallas, TX 75201	G

IV. Well Completion Data

²¹ Spud Date 11/04/2020	²² Ready Date 05/04/2021	²³ TD 20975'	²⁴ PBTB 20899'	²⁵ Perforations 10930' - 20919'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17 ½"		13 ¾" J55 54.5#	958'		800
12 ¼"		9 ¾" NT80 40#, J55 36#	4700'		1125
8 ¾"		7" HCP110 29#	11225'		750
6 ½"		4 ½" HCP110 13.5#	10165' - 20975'		875

V. Well Test Data

³¹ Date New Oil 04/23/2021	³² Gas Delivery Date 04/23/2021	³³ Test Date 05/09/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure NA	³⁶ Csg. Pressure 1325
³⁷ Choke Size 28/64"	³⁸ Oil 518	³⁹ Water 3825	⁴⁰ Gas 639		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: PATRICIA MARTINEZ	
Title: Regulatory		Title: NMOCD	
E-mail Address: jlathan@mewbourne.com		Approval Date: 3/2/2022	
Date: 06/07/2021	Phone: 575-393-5905		

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

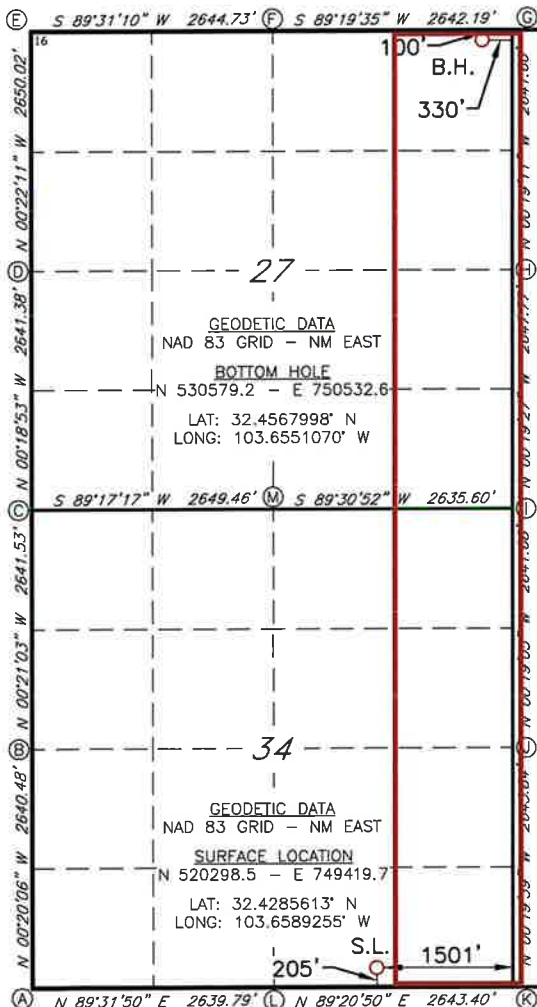
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-43918		² Pool Code 5695		³ Pool Name Bilbrey Basin; Bone Spring	
⁴ Property Code 319279 322154		⁵ Property Name BILBREY 34/27 B2PA FED COM			⁶ Well Number 1H
⁷ OGRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY			⁹ Elevation 3718'
¹⁰ Surface Location					
UL or lot no. 0	Section 34	Township 21S	Range 32E	Lot Idn 205	Feet from the 1501
		North/South line SOUTH		East/West line EAST	
				County LEA	
¹¹ Bottom Hole Location If Different From Surface					
UL or lot no. A	Section 27	Township 21S	Range 32E	Lot Idn 84	Feet from the 398
		North/South line NORTH		East/West line EAST	
				County LEA	
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.



CORNER DATA
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1916"
N 520058.9 - E 745639.6

B: FOUND BRASS CAP "1916"
N 522698.8 - E 745624.2

C: FOUND BRASS CAP "1916"
N 525339.7 - E 745608.0

D: FOUND BRASS CAP "1916"
N 527980.5 - E 745593.5

E: FOUND BRASS CAP "1916"
N 530629.8 - E 745576.4

F: FOUND BRASS CAP "1916"
N 530652.0 - E 748220.5

G: FOUND BRASS CAP "1916"
N 530683.1 - E 750861.9

H: FOUND BRASS CAP "1916"
N 528042.1 - E 750876.7

I: FOUND BRASS CAP "1916"
N 525394.9 - E 750891.6

J: FOUND BRASS CAP "1916"
N 522753.9 - E 750906.3

K: FOUND BRASS CAP "1916"
N 520110.6 - E 750921.4

L: FOUND BRASS CAP "1916"
N 520080.5 - E 748278.8

M: FOUND BRASS CAP "1916"
N 525372.6 - E 748256.7

17 OPERATOR CERTIFICATION

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

Signature: Jackie Lathan Date: 06/07/2021

Printed Name
Jackie Lathan

E-mail Address
jlathan@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.

09-03-2020

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number



RRC - Job No.:

LS20090414



Project: Lea County, NM (NAD83)
 Site: Sec 34-T21S-R32E
 Well: Bilbrey 34-27 B2PA Fed Com #1H
 205 FSL, 1501 FEL
 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

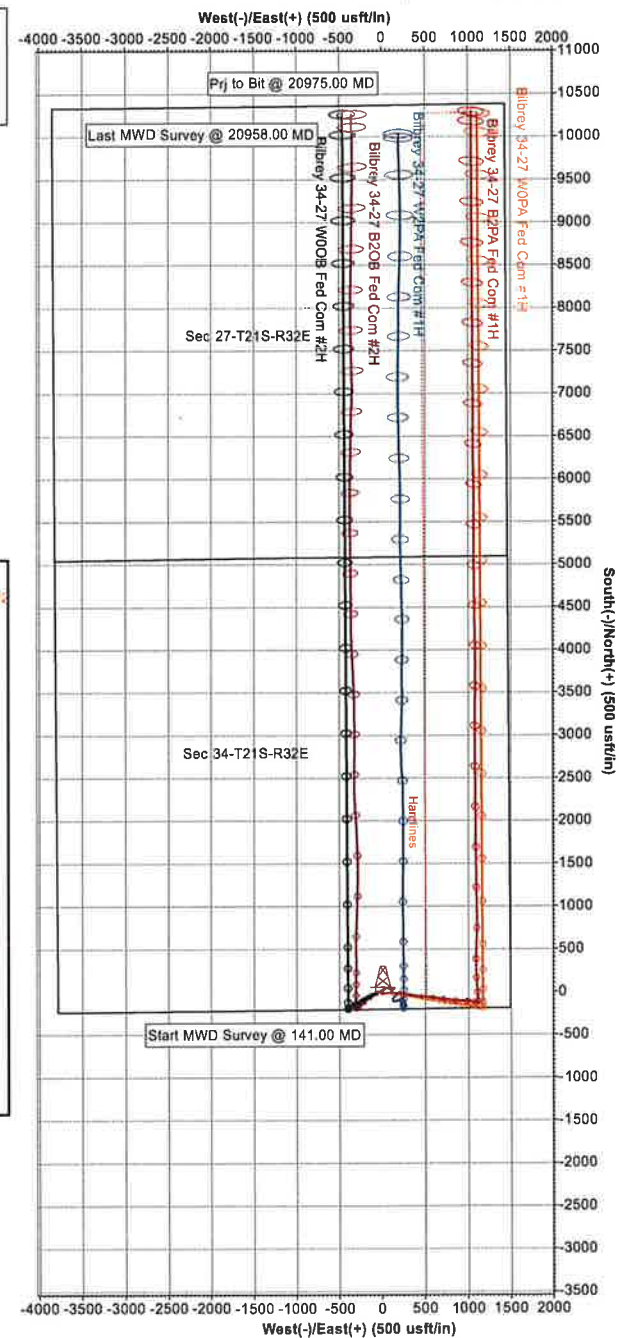
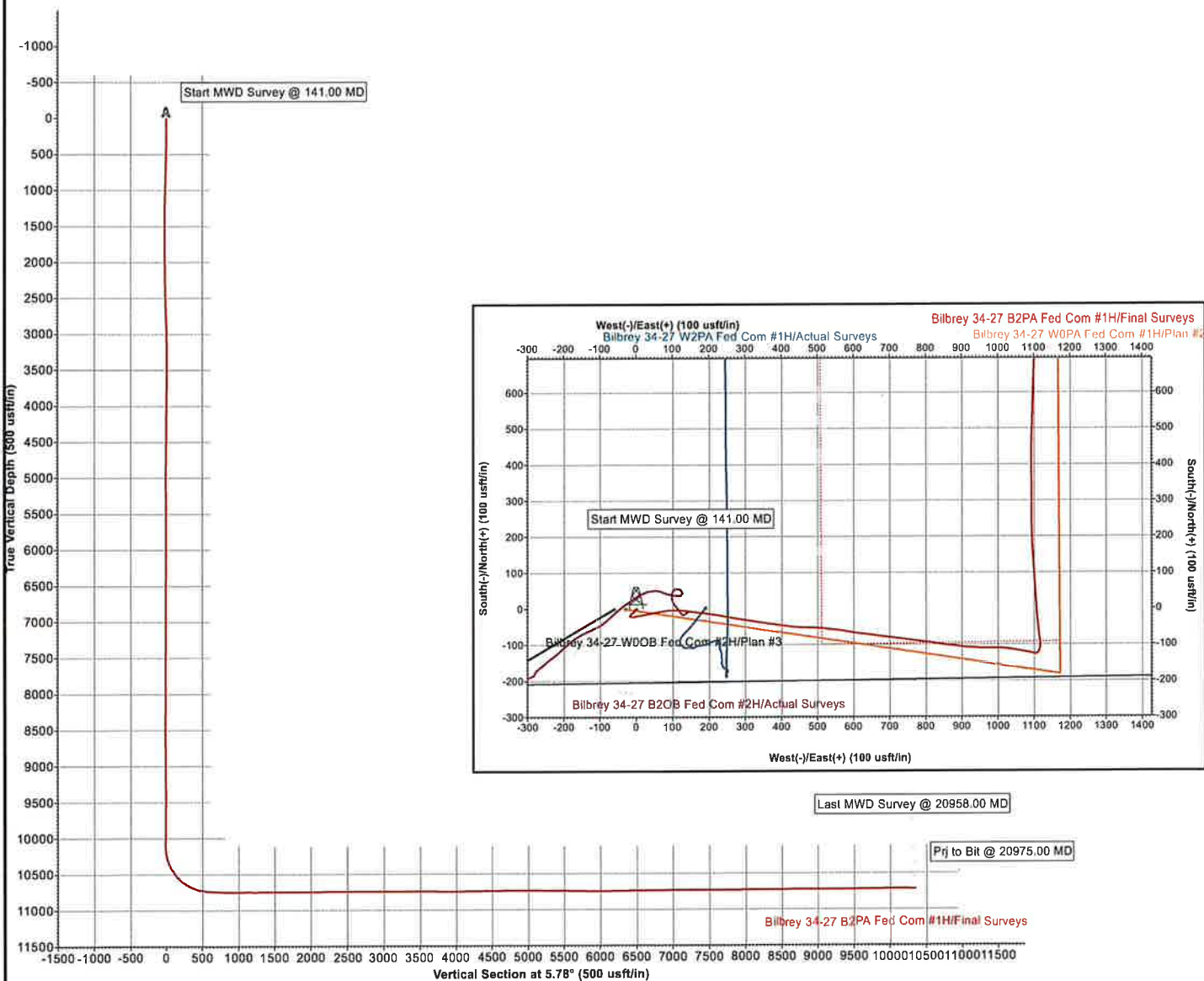


Azimuths to Grid North
 True North: -0.36°
 Magnetic North: 6.40°
 Magnetic Field
 Strength: 47902.9nT
 Dip Angle: 60.22°
 Date: 11/4/2020
 Model: BGGM2020

WELL DETAILS

3718 GL + 28 KB @ 3746.00usft (P 597)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	520298.493	749419.700	32.4285614	-103.6589255



HALLIBURTON | Berry Drilling

P 597

Mewbourne Oil Company

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

API#

Bilbrey 34-27 B2PA Fed Com #1H

205 FSL, 1501 FEL

Wellbore #1

Design: Final Surveys

Sperry Drilling Services

Combo Report

01 December, 2020

Well Coordinates: 32.4285614
-103.6589255

North American Datum 1983
New Mexico Eastern Zone
520,298.49 N
749,419.70 E

Ground Level: 3,718.00 usft

Local Coordinate Origin:

Centered on Well Bilbrey 34-27 B2PA Fed Com #1H

Viewing Datum:

3718 GL + 28 KB @ 3746.00usft (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 B2PA 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)				
0.00	0.00	0.00	0.00	0.00 N	0.00 E	520,298.493	749,419.700	0.00	0.00	0.00	
141.00	0.10	129.69	141.00	0.08 S	0.09 E	520,298.414	749,419.795	0.07	-0.07	129.69	Start MWD Survey @ 141.00 MD
331.00	0.50	212.69	331.00	0.88 S	0.23 W	520,297.611	749,419.475	0.26	-0.90	94.50	
518.00	1.10	223.69	517.98	2.87 S	1.91 W	520,295.626	749,417.794	0.33	-3.04	19.90	
705.00	1.10	223.69	704.94	5.46 S	4.39 W	520,293.030	749,415.314	0.00	-5.88	0.00	
770.00	2.20	231.69	769.92	6.69 S	5.80 W	520,291.806	749,413.904	1.72	-7.24	15.84	
924.00	2.80	228.69	923.77	11.00 S	10.94 W	520,287.490	749,408.759	0.40	-12.05	-13.80	
1,069.00	2.78	220.22	1,068.60	16.03 S	15.87 W	520,282.467	749,403.829	0.28	-17.54	-97.00	
1,259.00	0.61	144.46	1,258.52	20.37 S	18.26 W	520,278.125	749,401.441	1.42	-22.10	-167.32	
1,449.00	0.76	98.12	1,448.50	21.37 S	16.42 W	520,277.124	749,403.276	0.29	-22.91	-98.82	
1,638.00	0.92	95.71	1,637.48	21.70 S	13.67 W	520,276.796	749,406.027	0.09	-22.96	-13.66	
1,827.00	1.17	90.64	1,826.45	21.87 S	10.23 W	520,276.624	749,409.466	0.14	-22.79	-22.84	
2,016.00	1.71	78.50	2,015.39	21.33 S	5.54 W	520,277.164	749,414.159	0.33	-21.78	-35.63	
2,204.00	3.60	78.09	2,203.18	19.55 S	2.98 E	520,278.942	749,422.684	1.01	-19.15	-0.78	
2,393.00	4.81	80.15	2,391.67	16.97 S	16.60 E	520,281.522	749,436.297	0.65	-15.21	8.14	
2,582.00	6.56	79.46	2,579.73	13.64 S	35.02 E	520,284.853	749,454.720	0.93	-10.05	-2.58	
2,769.00	8.41	78.22	2,765.13	8.89 S	58.91 E	520,289.599	749,478.610	0.99	-2.92	-5.61	
2,959.00	10.03	82.57	2,952.67	3.92 S	88.92 E	520,294.575	749,508.621	0.93	5.05	25.44	
3,147.00	11.11	96.39	3,137.51	3.82 S	123.16 E	520,294.676	749,542.862	1.46	8.60	73.82	
3,335.00	9.90	98.17	3,322.36	8.13 S	157.16 E	520,290.364	749,576.861	0.67	7.73	165.86	
3,525.00	10.25	96.77	3,509.43	12.44 S	190.12 E	520,286.050	749,609.816	0.22	6.76	-35.67	
3,714.00	8.04	99.70	3,696.01	16.65 S	219.85 E	520,281.840	749,639.546	1.19	5.56	169.54	
3,903.00	9.10	100.54	3,882.90	21.61 S	247.57 E	520,276.879	749,667.269	0.56	3.42	7.15	
4,092.00	9.26	99.37	4,069.48	26.82 S	277.27 E	520,271.669	749,696.967	0.13	1.22	-49.98	
4,280.00	7.62	98.72	4,255.44	31.18 S	304.51 E	520,267.317	749,724.213	0.87	-0.36	-176.99	
4,469.00	8.64	98.87	4,442.53	35.27 S	330.93 E	520,263.228	749,750.626	0.54	-1.77	1.27	
4,640.00	8.15	100.47	4,611.70	39.45 S	355.54 E	520,259.045	749,775.236	0.32	-3.46	155.30	
4,758.00	8.31	98.53	4,728.49	42.23 S	372.19 E	520,256.260	749,791.894	0.27	-4.55	-61.01	
4,947.00	7.55	98.08	4,915.68	46.00 S	397.99 E	520,252.489	749,817.695	0.40	-5.71	-175.55	
5,136.00	9.67	94.96	5,102.54	49.12 S	426.11 E	520,249.371	749,845.805	1.15	-5.98	-13.97	
5,325.00	9.05	92.79	5,289.02	51.22 S	456.77 E	520,247.275	749,876.467	0.38	-4.98	-151.42	
5,513.00	8.64	90.97	5,474.79	52.18 S	485.65 E	520,246.316	749,905.354	0.26	-3.02	-146.58	
5,702.00	8.22	97.44	5,661.75	54.17 S	513.25 E	520,244.326	749,932.947	0.55	-2.23	117.06	
5,890.00	7.33	96.41	5,848.02	57.25 S	538.49 E	520,241.247	749,958.192	0.48	-2.75	-171.61	
6,079.00	7.09	95.90	6,035.52	59.79 S	562.08 E	520,238.702	749,981.775	0.13	-2.91	-165.32	
6,268.00	8.70	99.68	6,222.73	63.39 S	587.77 E	520,235.099	750,007.470	0.89	-3.90	19.75	

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Design Report for Bilbrey 34-27 B2PA 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)				
6,457.00	8.06	98.71	6,409.71	67.80 S	614.96 E	520,230.689	750,034.658	0.35	-5.55	-168.02	
6,644.00	6.96	97.49	6,595.10	71.27 S	639.15 E	520,227.227	750,058.850	0.59	-6.56	-172.36	
6,832.00	7.81	97.90	6,781.54	74.51 S	663.10 E	520,223.986	750,082.796	0.45	-7.38	3.75	
7,021.00	6.76	96.76	6,969.01	77.58 S	686.86 E	520,220.912	750,106.563	0.56	-8.04	-172.73	
7,210.00	7.18	98.15	7,156.62	80.56 S	709.60 E	520,217.928	750,129.301	0.24	-8.72	22.57	
7,398.00	8.81	96.63	7,342.78	83.89 S	735.53 E	520,214.600	750,155.234	0.87	-9.42	-8.14	
7,586.00	8.20	98.23	7,528.71	87.47 S	763.10 E	520,211.019	750,182.804	0.35	-10.21	159.59	
7,776.00	9.01	96.85	7,716.57	91.19 S	791.29 E	520,207.304	750,210.986	0.44	-11.07	-14.98	
7,965.00	8.52	98.58	7,903.37	95.04 S	819.82 E	520,203.451	750,239.524	0.29	-12.03	152.57	
8,155.00	7.88	99.67	8,091.42	99.33 S	846.58 E	520,199.163	750,266.281	0.35	-13.60	166.89	
8,343.00	8.93	95.65	8,277.40	102.93 S	873.81 E	520,195.562	750,293.506	0.64	-14.45	-31.23	
8,531.00	8.76	98.01	8,463.17	106.36 S	902.50 E	520,192.130	750,322.203	0.21	-14.97	116.26	
8,721.00	8.99	92.33	8,650.90	108.98 S	931.66 E	520,189.510	750,351.363	0.48	-14.64	-78.11	
8,909.00	7.66	90.76	8,836.91	109.75 S	958.87 E	520,188.747	750,378.570	0.72	-12.66	-171.08	
9,098.00	7.74	89.48	9,024.21	109.80 S	984.19 E	520,188.695	750,403.891	0.10	-10.17	-65.63	
9,286.00	8.23	93.24	9,210.38	110.44 S	1,010.29 E	520,188.050	750,429.985	0.38	-8.18	48.70	
9,474.00	6.61	97.56	9,396.81	112.63 S	1,034.45 E	520,185.866	750,454.148	0.91	-7.92	163.13	
9,663.00	7.00	101.58	9,584.48	116.37 S	1,056.51 E	520,182.123	750,476.214	0.33	-9.43	52.70	
9,852.00	5.64	99.08	9,772.32	120.15 S	1,076.97 E	520,178.345	750,496.668	0.73	-11.12	-169.80	
10,040.00	4.58	104.40	9,959.57	123.47 S	1,093.36 E	520,175.020	750,513.061	0.62	-12.78	158.55	
10,145.00	4.39	108.44	10,064.25	125.79 S	1,101.23 E	520,172.707	750,520.934	0.35	-14.29	123.03	
10,166.00	4.33	109.90	10,085.19	126.31 S	1,102.74 E	520,172.183	750,522.441	0.60	-14.66	119.12	
10,260.00	7.35	48.32	10,178.77	123.52 S	1,110.58 E	520,174.976	750,530.277	6.93	-11.09	-97.18	
10,307.00	11.09	15.86	10,225.19	117.16 S	1,114.06 E	520,181.330	750,533.761	13.33	-4.42	-71.06	
10,354.00	16.10	10.60	10,270.86	106.40 S	1,116.50 E	520,192.091	750,536.197	10.97	6.53	-16.44	
10,401.00	17.55	350.02	10,315.88	93.00 S	1,116.47 E	520,205.488	750,536.168	12.97	19.86	-86.32	
10,448.00	21.80	350.78	10,360.13	77.40 S	1,113.84 E	520,221.088	750,533.540	9.06	35.11	3.80	
10,496.00	29.51	356.04	10,403.37	56.78 S	1,111.59 E	520,241.714	750,531.292	16.73	55.41	18.85	
10,543.00	33.42	353.42	10,443.45	32.36 S	1,109.31 E	520,266.130	750,529.009	8.81	79.47	-20.40	
10,590.00	34.66	356.23	10,482.40	6.17 S	1,106.95 E	520,292.326	750,526.646	4.26	105.30	52.92	
10,637.00	39.61	356.72	10,519.86	22.14 N	1,105.21 E	520,320.638	750,524.909	10.55	133.29	3.62	
10,684.00	45.48	356.01	10,554.47	53.85 N	1,103.18 E	520,352.339	750,522.884	12.53	164.62	-4.94	
10,731.00	49.85	356.42	10,586.12	88.51 N	1,100.90 E	520,386.998	750,520.596	9.32	198.88	4.11	
10,779.00	55.09	355.30	10,615.35	126.46 N	1,098.14 E	520,424.949	750,517.836	11.07	236.36	-9.97	
10,826.00	58.73	356.54	10,641.00	165.73 N	1,095.34 E	520,464.219	750,515.043	8.05	275.15	16.27	
10,873.00	63.03	358.65	10,663.87	206.74 N	1,093.64 E	520,505.230	750,513.337	9.95	315.78	23.72	
10,920.00	68.38	0.22	10,683.20	249.56 N	1,093.23 E	520,548.048	750,512.927	11.78	358.34	15.30	

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Design Report for Bilbrey 34-27 B2PA 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
10,966.00	69.99	359.53	10,699.55	292.55 N	1,093.13 E	520,591.044	750,512.832	3.77	401.11	-21.95	
11,014.00	75.42	359.81	10,713.81	338.36 N	1,092.87 E	520,636.856	750,512.569	11.33	446.66	2.86	
11,062.00	79.29	359.46	10,724.32	385.19 N	1,092.57 E	520,683.682	750,512.270	8.09	493.22	-5.08	
11,109.00	82.26	0.57	10,731.85	431.58 N	1,092.58 E	520,730.068	750,512.284	6.74	539.37	20.34	
11,194.00	86.69	1.88	10,740.04	516.14 N	1,094.40 E	520,814.631	750,514.096	5.43	623.68	16.47	
11,238.00	87.62	1.66	10,742.22	560.06 N	1,095.75 E	520,858.555	750,515.453	2.17	667.52	-13.30	
11,332.00	87.25	1.51	10,746.43	653.93 N	1,098.35 E	520,952.425	750,518.051	0.42	761.18	-157.96	
11,427.00	90.69	2.36	10,748.13	748.85 N	1,101.56 E	521,047.340	750,521.258	3.73	855.93	13.89	
11,521.00	90.19	359.87	10,747.41	842.82 N	1,103.39 E	521,141.312	750,523.087	2.70	949.61	-101.34	
11,616.00	90.25	357.98	10,747.05	937.80 N	1,101.60 E	521,236.290	750,521.305	1.99	1,043.93	-88.18	
11,710.00	90.01	358.57	10,746.83	1,031.75 N	1,098.77 E	521,330.247	750,518.475	0.68	1,137.12	112.13	
11,805.00	89.78	359.41	10,747.01	1,126.74 N	1,097.10 E	521,425.231	750,516.800	0.92	1,231.45	105.31	
11,899.00	90.46	359.66	10,746.81	1,220.73 N	1,096.34 E	521,519.227	750,516.038	0.77	1,324.90	20.19	
11,993.00	90.41	359.38	10,746.10	1,314.73 N	1,095.55 E	521,613.221	750,515.250	0.30	1,418.33	-100.12	
12,088.00	90.02	359.34	10,745.74	1,409.72 N	1,094.49 E	521,708.214	750,514.189	0.41	1,512.74	-174.14	
12,183.00	90.45	359.28	10,745.35	1,504.71 N	1,093.34 E	521,803.206	750,513.045	0.46	1,607.13	-7.94	
12,276.00	90.46	359.60	10,744.61	1,597.71 N	1,092.44 E	521,896.199	750,512.136	0.34	1,699.56	88.21	
12,371.00	90.06	359.81	10,744.18	1,692.70 N	1,091.95 E	521,991.196	750,511.647	0.48	1,794.03	152.30	
12,465.00	90.23	359.36	10,743.94	1,786.70 N	1,091.27 E	522,085.193	750,510.966	0.51	1,887.48	-69.30	
12,561.00	90.94	359.43	10,742.96	1,882.69 N	1,090.25 E	522,181.182	750,509.952	0.74	1,982.88	5.63	
12,655.00	89.88	359.14	10,742.29	1,976.68 N	1,089.08 E	522,275.171	750,508.779	1.17	2,076.27	-164.70	
12,749.00	90.05	358.80	10,742.35	2,070.66 N	1,087.39 E	522,369.156	750,507.090	0.40	2,169.61	-63.44	
12,843.00	90.32	359.69	10,742.05	2,164.65 N	1,086.15 E	522,463.146	750,505.851	0.99	2,262.99	73.12	
12,938.00	90.05	359.53	10,741.74	2,259.65 N	1,085.50 E	522,558.143	750,505.204	0.33	2,357.44	-149.35	
13,032.00	89.92	359.59	10,741.76	2,353.65 N	1,084.78 E	522,652.140	750,504.483	0.15	2,450.89	155.22	
13,126.00	89.80	359.35	10,741.99	2,447.64 N	1,083.91 E	522,746.136	750,503.613	0.29	2,544.32	-116.57	
13,220.00	89.88	359.26	10,742.26	2,541.64 N	1,082.77 E	522,840.129	750,502.473	0.13	2,637.72	-48.37	
13,314.00	89.78	0.00	10,742.53	2,635.63 N	1,082.17 E	522,934.126	750,501.870	0.80	2,731.18	97.65	
13,408.00	90.41	0.02	10,742.38	2,729.63 N	1,082.19 E	523,028.125	750,501.891	0.67	2,824.71	1.36	
13,503.00	90.07	359.99	10,741.98	2,824.63 N	1,082.20 E	523,123.124	750,501.899	0.36	2,919.22	-174.96	
13,597.00	89.64	0.16	10,742.22	2,918.63 N	1,082.32 E	523,217.123	750,502.022	0.49	3,012.76	158.43	
13,692.00	90.46	359.76	10,742.14	3,013.63 N	1,082.26 E	523,312.122	750,501.956	0.96	3,107.27	-26.00	
13,786.00	90.17	0.09	10,741.62	3,107.63 N	1,082.13 E	523,406.121	750,501.832	0.47	3,200.78	131.31	
13,880.00	89.95	359.84	10,741.52	3,201.63 N	1,082.08 E	523,500.120	750,501.775	0.35	3,294.29	-131.35	
13,974.00	90.00	0.30	10,741.56	3,295.63 N	1,082.19 E	523,594.120	750,501.890	0.49	3,387.83	83.80	
14,068.00	89.89	0.05	10,741.65	3,389.63 N	1,082.48 E	523,688.120	750,502.177	0.29	3,481.38	-113.75	
14,163.00	89.49	359.99	10,742.17	3,484.63 N	1,082.51 E	523,783.118	750,502.210	0.43	3,575.90	-171.47	

Mewbourne Oil Company

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HALLIBURTON**Design Report for Bilbrey 34-27 B2PA 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
14,257.00	89.65	0.05	10,742.87	3,578.62 N	1,082.54 E	523,877.115	750,502.243	0.18	3,669.42	20.56	
14,351.00	89.37	359.90	10,743.68	3,672.62 N	1,082.50 E	523,971.112	750,502.202	0.34	3,762.93	-151.82	
14,445.00	89.99	0.24	10,744.20	3,766.62 N	1,082.62 E	524,065.110	750,502.317	0.75	3,856.47	28.74	
14,539.00	89.58	0.47	10,744.55	3,860.61 N	1,083.20 E	524,159.107	750,502.899	0.50	3,950.04	150.71	
14,634.00	90.83	0.25	10,744.21	3,955.61 N	1,083.80 E	524,254.102	750,503.496	1.34	4,044.62	-9.98	
14,728.00	90.84	358.70	10,742.84	4,049.59 N	1,082.93 E	524,348.086	750,502.635	1.65	4,138.04	-89.62	
14,823.00	90.24	359.08	10,741.95	4,144.57 N	1,081.09 E	524,443.063	750,500.795	0.75	4,232.35	147.65	
14,917.00	90.93	359.25	10,740.99	4,238.55 N	1,079.72 E	524,537.047	750,499.425	0.76	4,325.71	13.84	
15,012.00	90.43	359.51	10,739.86	4,333.54 N	1,078.70 E	524,632.035	750,498.397	0.59	4,420.12	152.53	
15,106.00	90.66	359.03	10,738.97	4,427.53 N	1,077.50 E	524,726.023	750,497.199	0.57	4,513.51	-64.39	
15,201.00	91.01	359.04	10,737.58	4,522.51 N	1,075.90 E	524,820.999	750,495.600	0.37	4,607.84	1.64	
15,295.00	90.18	359.66	10,736.61	4,616.49 N	1,074.83 E	524,914.987	750,494.533	1.10	4,701.24	143.24	
15,389.00	90.67	359.60	10,735.91	4,710.49 N	1,074.23 E	525,008.982	750,493.926	0.53	4,794.70	-6.98	
15,484.00	90.41	359.05	10,735.01	4,805.48 N	1,073.11 E	525,103.970	750,492.807	0.64	4,889.09	-115.30	
15,578.00	89.82	359.55	10,734.82	4,899.47 N	1,071.96 E	525,197.963	750,491.659	0.82	4,982.49	139.72	
15,672.00	89.73	359.53	10,735.19	4,993.47 N	1,071.20 E	525,291.959	750,490.904	0.10	5,075.93	-167.47	
15,767.00	89.53	359.72	10,735.81	5,088.46 N	1,070.58 E	525,386.955	750,490.282	0.29	5,170.38	136.47	
15,862.00	89.34	359.44	10,736.74	5,183.45 N	1,069.89 E	525,481.947	750,489.586	0.36	5,264.82	-124.16	
15,956.00	89.40	359.49	10,737.78	5,277.44 N	1,069.01 E	525,575.938	750,488.708	0.08	5,358.25	39.80	
16,051.00	88.95	359.52	10,739.15	5,372.43 N	1,068.19 E	525,670.924	750,487.888	0.47	5,452.67	176.19	
16,146.00	89.70	359.77	10,740.26	5,467.42 N	1,067.60 E	525,765.915	750,487.299	0.83	5,547.12	18.44	
16,240.00	89.86	0.23	10,740.63	5,561.42 N	1,067.60 E	525,859.914	750,487.299	0.52	5,640.64	70.82	
16,335.00	89.23	359.88	10,741.38	5,656.42 N	1,067.69 E	525,954.910	750,487.391	0.76	5,735.16	-150.95	
16,430.00	87.24	0.30	10,744.31	5,751.37 N	1,067.84 E	526,049.860	750,487.539	2.14	5,829.65	168.09	
16,524.00	90.69	2.21	10,746.00	5,845.31 N	1,069.90 E	526,143.803	750,489.598	4.19	5,923.32	28.99	
16,619.00	90.99	358.15	10,744.61	5,940.28 N	1,070.20 E	526,238.773	750,489.897	4.28	6,017.84	-85.75	
16,713.00	90.61	359.50	10,743.30	6,034.25 N	1,068.27 E	526,332.742	750,487.970	1.49	6,111.13	105.71	
16,808.00	90.71	357.73	10,742.20	6,129.21 N	1,065.97 E	526,427.704	750,485.674	1.87	6,205.38	-86.76	
16,902.00	90.87	359.45	10,740.91	6,223.17 N	1,063.66 E	526,521.663	750,483.361	1.84	6,298.63	84.67	
16,997.00	91.05	359.46	10,739.32	6,318.15 N	1,062.76 E	526,616.645	750,482.457	0.19	6,393.04	3.18	
17,091.00	90.99	0.02	10,737.64	6,412.14 N	1,062.33 E	526,710.629	750,482.031	0.60	6,486.50	96.11	
17,185.00	90.66	359.45	10,736.29	6,506.12 N	1,061.90 E	526,804.618	750,481.596	0.70	6,579.97	-120.07	
17,279.00	90.65	0.12	10,735.21	6,600.12 N	1,061.54 E	526,898.610	750,481.243	0.71	6,673.45	90.85	
17,373.00	90.63	359.98	10,734.16	6,694.11 N	1,061.63 E	526,992.604	750,481.325	0.15	6,766.98	-98.13	
17,467.00	91.03	359.63	10,732.80	6,788.10 N	1,061.31 E	527,086.594	750,481.006	0.57	6,860.46	-41.18	
17,562.00	90.59	359.82	10,731.46	6,883.09 N	1,060.85 E	527,181.583	750,480.550	0.50	6,954.92	156.65	

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Design Report for Bilbrey 34-27 B2PA 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)								
17,656.00	90.93	359.89	10,730.21	6,977.08 N	1,060.61 E	527,275.574	750,480.312	0.37	7,048.41	11.63	
17,750.00	90.70	359.72	10,728.88	7,071.07 N	1,060.29 E	527,369.564	750,479.992	0.30	7,141.89	-143.53	
17,845.00	90.80	359.29	10,727.63	7,166.06 N	1,059.47 E	527,464.552	750,479.171	0.46	7,236.31	-76.90	
17,939.00	90.09	359.70	10,726.90	7,260.05 N	1,058.64 E	527,558.545	750,478.343	0.87	7,329.74	149.99	
18,033.00	89.63	0.09	10,727.13	7,354.05 N	1,058.47 E	527,652.544	750,478.171	0.64	7,423.25	139.71	
18,127.00	89.95	0.32	10,727.48	7,448.05 N	1,058.81 E	527,746.542	750,478.507	0.42	7,516.80	35.71	
18,221.00	89.99	0.06	10,727.53	7,542.05 N	1,059.12 E	527,840.542	750,478.819	0.28	7,610.35	-81.25	
18,315.00	89.55	359.90	10,727.90	7,636.05 N	1,059.09 E	527,934.541	750,478.786	0.50	7,703.87	-160.02	
18,410.00	89.30	359.43	10,728.86	7,731.04 N	1,058.53 E	528,029.534	750,478.230	0.56	7,798.33	-118.01	
18,504.00	91.02	359.85	10,728.59	7,825.04 N	1,057.94 E	528,123.528	750,477.640	1.88	7,891.78	13.72	
18,598.00	90.28	359.56	10,727.53	7,919.03 N	1,057.46 E	528,217.520	750,477.156	0.85	7,985.25	-158.60	
18,692.00	90.83	359.80	10,726.62	8,013.02 N	1,056.93 E	528,311.514	750,476.631	0.64	8,078.71	23.57	
18,787.00	89.59	359.60	10,726.27	8,108.02 N	1,056.43 E	528,406.510	750,476.133	1.32	8,173.18	-170.84	
18,881.00	90.20	359.67	10,726.44	8,202.01 N	1,055.83 E	528,500.507	750,475.535	0.65	8,266.64	6.55	
18,975.00	90.58	359.67	10,725.80	8,296.01 N	1,055.29 E	528,594.503	750,474.993	0.40	8,360.10	0.00	
19,069.00	89.30	359.24	10,725.90	8,390.00 N	1,054.40 E	528,688.497	750,474.099	1.44	8,453.53	-161.43	
19,164.00	90.64	359.45	10,725.95	8,485.00 N	1,053.31 E	528,783.488	750,473.013	1.43	8,547.93	8.91	
19,258.00	89.89	359.63	10,725.51	8,578.99 N	1,052.56 E	528,877.484	750,472.259	0.82	8,641.37	166.50	
19,352.00	89.75	359.84	10,725.81	8,672.99 N	1,052.12 E	528,971.482	750,471.824	0.27	8,734.85	123.69	
19,446.00	91.07	359.96	10,725.14	8,766.98 N	1,051.96 E	529,065.477	750,471.660	1.41	8,828.35	5.19	
19,540.00	90.38	359.41	10,723.95	8,860.97 N	1,051.44 E	529,159.468	750,471.143	0.94	8,921.81	-141.44	
19,635.00	90.51	359.59	10,723.21	8,955.97 N	1,050.61 E	529,254.461	750,470.314	0.23	9,016.24	54.16	
19,729.00	90.98	359.03	10,721.99	9,049.95 N	1,049.48 E	529,348.446	750,469.182	0.78	9,109.63	-49.99	
19,824.00	89.17	359.69	10,721.86	9,144.94 N	1,048.42 E	529,443.435	750,468.121	2.03	9,204.03	159.96	
19,918.00	89.55	359.69	10,722.91	9,238.93 N	1,047.91 E	529,537.428	750,467.612	0.40	9,297.49	0.00	
20,013.00	90.66	359.72	10,722.74	9,333.93 N	1,047.42 E	529,632.425	750,467.123	1.17	9,391.96	1.55	
20,107.00	90.63	359.46	10,721.68	9,427.92 N	1,046.75 E	529,726.416	750,466.451	0.28	9,485.40	-96.58	
20,201.00	90.89	359.53	10,720.43	9,521.91 N	1,045.92 E	529,820.404	750,465.622	0.29	9,578.83	15.07	
20,296.00	90.77	359.24	10,719.06	9,616.90 N	1,044.90 E	529,915.389	750,464.603	0.33	9,673.23	-112.48	
20,391.00	90.35	359.44	10,718.13	9,711.88 N	1,043.81 E	530,010.378	750,463.508	0.49	9,767.63	154.54	
20,485.00	90.93	359.90	10,717.08	9,805.88 N	1,043.27 E	530,104.370	750,462.967	0.79	9,861.09	38.41	
20,579.00	90.05	359.35	10,716.28	9,899.87 N	1,042.65 E	530,198.363	750,462.352	1.10	9,954.54	-147.99	
20,673.00	90.06	0.18	10,716.19	9,993.87 N	1,042.27 E	530,292.361	750,461.966	0.88	10,048.02	89.31	
20,768.00	89.87	359.75	10,716.24	10,088.87 N	1,042.21 E	530,387.361	750,461.908	0.49	10,142.53	-113.84	
20,863.00	89.47	359.79	10,716.79	10,183.87 N	1,041.83 E	530,482.358	750,461.527	0.42	10,237.01	174.29	
20,958.00	88.18	0.06	10,718.74	10,278.84 N	1,041.70 E	530,577.336	750,461.403	1.39	10,331.49	168.18	Last MWD Survey @ 20958.00 MD
20,975.00	88.18	0.06	10,719.28	10,295.83 N	1,041.72 E	530,594.328	750,461.420	0.00	10,348.40	0.00	Prj to Bit @ 20975.00 MD

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Design Report for Bilbrey 34-27 B2PA 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)				

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
141.00	141.00	-0.08	0.09	Start MWD Survey @ 141.00 MD
20,958.00	10,718.74	10,278.84	1,041.70	Last MWD Survey @ 20958.00 MD

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin		Start TVD (usft)
				+N/-S (usft)	+E/-W (usft)	
TD	No Target (Freehand)	5.78	Slot	0.00	0.00	0.00

Survey tool program

From (usft)	To (usft)	Survey/Plan	Survey Tool
141.00	924.00	Surface	3_MWD+HRGM
1,069.00	10,145.00	Intermediate	3_MWD+HRGM
10,166.00	11,194.00	Curve	3_MWD+HRGM
11,238.00	20,958.00	Lateral	3_MWD+HRGM
20,975.00	20,975.00	Prj to TD	3_Blind

Design Targets

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

HALLIBURTON**Mewbourne Oil Company**

Lea County, NM (NAD83)

Design Report for Bilbrey 34-27 B2PA Fed Com #1H - Final Surveys**Directional Difficulty Index**

Average Dogleg over Survey:	1.10 °/100usft	Maximum Dogleg over Survey:	16.73 °/100usft at 10,496.00 usft
Net Tortousity applicable to Plans:	0.59 °/100usft	Directional Difficulty Index:	6.718

Audit Info

HALLIBURTON**Mewbourne Oil Company**

Lea County, NM (NAD83)

North Reference Sheet for Sec 34-T21S-R32E - Bilbrey 34-27 B2PA 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 3718 GL + 28 KB @ 3746.00usft (P 597). Northing and Easting are relative to Bilbrey 34-27 B2PA 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 -104.333333°, Longitude Origin:0.000000°, Latitude Origin:0.000000°

False Easting: 541,337.500usft, False Northing: 0.000usft, Scale Reduction: 0.99995868

Grid Coordinates of Well: 520,298.493 usft N, 749,419.700 usft E

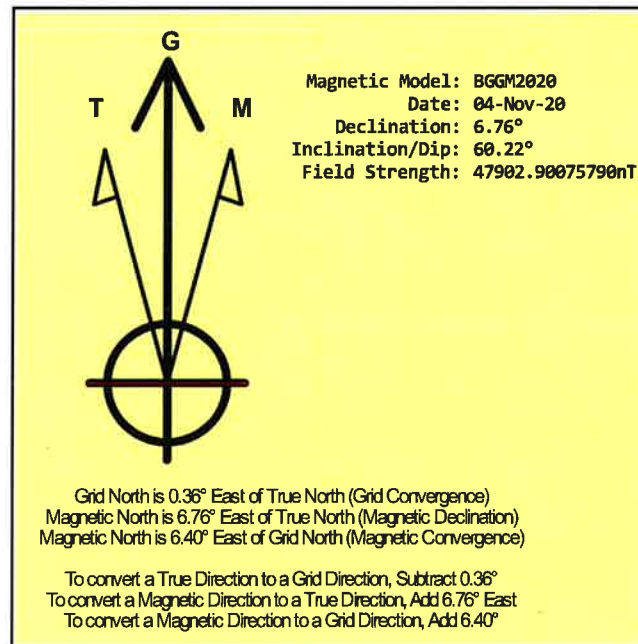
Geographical Coordinates of Well: 32.4285614, -103.6589255

Grid Convergence at Surface is: 0.36°

Based upon Minimum Curvature type calculations, at a Measured Depth of 20,975.00usft

the Bottom Hole Displacement is 10,348.40usft in the Direction of 5.78° (Grid).

Magnetic Convergence at surface is: -6.40° (4 November 2020, , BGGM2020)



Intent ☐ As Drilled ☒

API # 30-025-43918		
Operator Name: Mewbourne Oil Co.	Property Name: Bilbrey 34/27 B2PA Fed Com	Well Number 1H

Kick Off Point (KOP)

UL P	Section 34	Township 21S	Range 32E	Lot	Feet 66	From N/S S	Feet 398	From E/W E	County Lea
Latitude 32.4281951					Longitude -103.6553540				NAD 83

First Take Point (FTP)

UL P	Section 34	Township 21S	Range 32E	Lot	Feet 451	From N/S S	Feet 406	From E/W E	County Lea
Latitude 32.4292539					Longitude -103.6553481				NAD 83

Last Take Point (LTP)

UL A	Section 27	Township 21S	Range 32E	Lot	Feet 102	From N/S N	Feet 401	From E/W E	County Lea
Latitude 32.4567931					Longitude -103.6553380				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

Well Completion Print Report

09/07/2021

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 B2PA FED COM	Well Number 1H	US Well Number 3002543918
Well Type OIL WELL	County LEA	State NM	Lease Number(s) NMNM86710
Allottee/Tribe Name	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
	Well Pad Name null	Well Pad Number null	ID 10400008307

Section 1 - General

Well Completion Report Id: 76333 **Submission Date:** N/A until DB Work

BLM Office: Hobbs Field Station **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:** BONE SPRING **Field Name:** BILBREY BASIN BONE

Well Type: OIL WELL

Spud Date: 11-04-2020

Date Total Measured Depth Reached: 11-28-2020

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		3726	27	27	NONE	
RUSTLER	ANHYDRITE, DOLOMITE		2856	870	870	USEABLE WATER	

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 B2PA FED COM	Well Number 1H	US Well Number 3002543918
	County LEA	State NM	Lease Number(s) NMNM86710
Well Type OIL WELL	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400008307

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
TOP SALT	SALT		2526	1200	1200	NONE	
BOTTOM SALT	SALT		926	2800	2800	NONE	
DELAWARE	LIMESTONE		-1144	4870	4870	NATURAL GAS, OIL	
BONE SPRING LIME	LIMESTONE, SHALE		-5014	8740	8740	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6034	9760	9760	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-6674	10400	10400	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	NMNM83607		NEW		DRG	05-04-2021	04-23-2021	BONE SPRING	10930	20919	Y	.39	2160	OPEN

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 B2PA FED COM	Well Number 1H	US Well Number 3002543918
Well Type OIL WELL	County LEA	State NM	Lease Number(s) NMNM86710
Allottee/Tribe Name	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
	Well Pad Name null	Well Pad Number null	ID 10400008307

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	478753		Frac horizontal Bone Spring w/20,107,626 gals slickwater, carrying 19,948,778 # 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			FLows FROM WELL		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	05/09/2021	24	518	639	3825	1233	28/64		1325

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 B2PA FED COM	Well Number 1H	US Well Number 3002543918
Well Type OIL WELL	County LEA	State NM	Lease Number(s) NMNM86710
Allottee/Tribe Name	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s) ID 10400008307
	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 MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4285613	-103.6589255	3726	FEDERAL	NMNM 86710				205	FSL	1501	FEL	21S	32E	34	SWSE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4281951	-103.655354	-6359	FEE	FEE				66	FSL	398	FEL	21S	32E	34	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4425289	-103.6553511	-7010	FEDERAL	NMNM 63019				0	FSL	402	FEL	21S	32E	27	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4498113	-103.6553358	-7003	FEDERAL	NMNM 114819				2642	FNL	399	FEL	21S	32E	27	SENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4352808	-103.6553623	-7016	FEDERAL	NMNM 83607				2642	FNL	402	FEL	21S	32E	34	SENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4292539	-103.6553481	-6961	FEE	FEE				451	FSL	406	FEL	21S	32E	34	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.431648	-103.6553467	-7021	FEDERAL	NMNM 86710				1322	FSL	397	FEL	21S	32E	34	NESE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4567931	-103.655338	-6993	FEDERAL	NMNM 114819				102	FNL	401	FEL	21S	32E	27	NENE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4568425	-103.6553373	-6993	FEDERAL	NMNM 114819				84	FNL	398	FEL	21S	32E	27	NENE

Operator Name MEWBORNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 B2PA FED COM	Well Number 1H	US Well Number 3002543918
Well Type OIL WELL	County LEA	State NM	Lease Number(s) NMNM86710
Allottee/Tribe Name	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
	Well Pad Name null	Well Pad Number null	ID 10400008307

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	958	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	4700	9.625	36	J-55		LT&C		
00	PRODUCTION	8.75	0	11225	7.0	29	HCP-110		LT&C		
00	LINER	6.125	10165	20975	4.5	13.5	HCP-110		OTHER	BPN	

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 (bbbls)
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 C	350	3.18	3400	Class H	400	1.18		282.3
00	LINER		Poz H (35:65)	875	1.74	10165				925	271.2

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 B2PA FED COM	Well Number 1H	US Well Number 3002543918
	County LEA	State NM	Lease Number(s) NMNM86710
Well Type OIL WELL	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400008307

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 B2PA FED COM	Well Number 1H	US Well Number 3002543918
Well Type OIL WELL	County LEA	State NM	Lease Number(s) NMNM86710
Allottee/Tribe Name	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
	Well Pad Name null	Well Pad Number null	ID 10400008307

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_B2PA_Fed_Com__20210608111605

Bilbrey_34_27_B2PA_Fed_Com__20210608111618

Bilbrey_34_27_B2PA_Fed_Com__20210608111656

Bilbrey_34_27_B2PA_Fed_Com__20210608111706

Bilbrey_34_27_B2PA_Fed_Com__20210608111840

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 B2PA FED COM	Well Number 1H	US Well Number 3002543918
Well Type OIL WELL	County LEA	State NM	Lease Number(s) NMNM86710
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	Well Pad Name null	Well Pad Number null	ID 10400008307

20210618122329_20210618122359.pdf

Mewbourne Oil Company

Well Name: Bilbrey 34/27 B2PA Fed Com #1H

Updated by: Andy Taylor

Spud Date: 11/4/2020

Date Updated: 6/3/2021

Surface

17 1/2" x 13 3/4" 54.5# J55

Set @ 958'

Cmt w/ 800 sx

Circ. 110 sx to pit

Intermediate

12 1/4" x 9 1/4" 36# J55, 40# J55, N80, HCL80

Set @ 4700'

Cmt w/ 1125 sx

Circ. 229 sx to pit

Production

8 3/4" x 7" 29# HCP110

Set @ 11,225'

Cmt w/ 750 sx

TOC @ 3400' (est.)

Liner

6 1/8" x 4 1/2" 13.5 # HCP110

Set @ 10,165' - 20,975'

Cmt w/ 875 sx

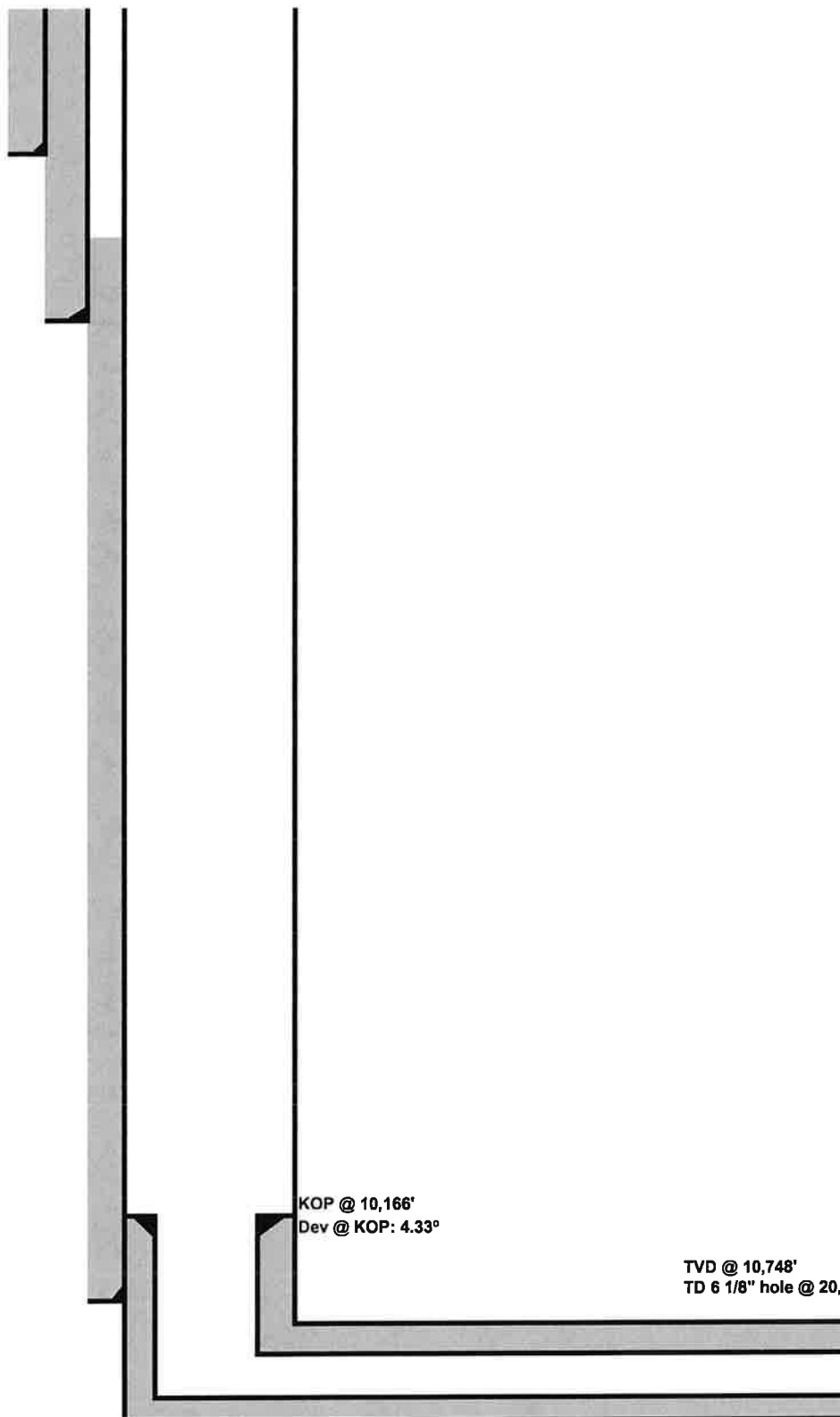
TOC @ 10,165'

KOP @ 10,166'

Dev @ KOP: 4.33°

TVD @ 10,748'

TD 6 1/8" hole @ 20,975'



Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM86710

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

BILBREY 34/27 B2PA FED COM 1H

2. Name of Operator

MEWBOURNE OIL COMPANY

Contact: JACKIE LATHAN

E-Mail: jlathan@mewbourne.com

9. API Well No.

~~30-015-43918~~ 30-025-43918

3a. Address

PO BOX 5270
HOBBS, NM 88241

3b. Phone No. (include area code)

Ph: 575-393-5905

10. Field and Pool or Exploratory Area

BILBREY BASIN; BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 34 T21S R32E Mer NMP SESE 205FSL 1501FEL

11. County or Parish, State

LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Well Spud
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

11/04/2020

Spud 17 1/2" hole @ 973'. Ran 958' of 13 3/8" 54.5# J55 ST&C csg. Cmt w/600 sks Class C w/additives. Mixed @ 13.5#/g w/1.74 yd. Tail w/200 sks Class C w/1% CaCl2. Mixed @ 14.8#/g w/1.34 yd. Displaced w/141 bbls of FW. Plug down @ 11:30 A.M. 10/05/20. Circ 110 sks of cmt to the pits. Test BOPE 5000# & Annular 3500#. At 8:30 P.M. 11/06/20, tested csg to 1500# for 30 min, held OK. FIT to 10.5 PPG EMW. Drilled out with 12".

Charts attached.

10/09/2020

TD'ed 12 1/4" hole @ 4715'. Ran 4700' of 9 5/8" 36# J55 & 40# HCL80 LT&C Csg. Cmt w/925 sks Premium Plus C (65:35:6) w/additives. Mixed @ 12.4#/g w/2.01 yd. Tail w/200 sks Premium Plus C w/additives.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #537989 verified by the BLM Well Information System
For MEWBOURNE OIL COMPANY, sent to the Hobbs**

Name (Printed/Typed) RUBY CABALLERO

Title REGULATORY

Signature (Electronic Submission)

Date 11/18/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

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.

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #537989 that would not fit on the form

32. Additional remarks, continued

Mixed @ 14.8#/g w/1.33 yd. Displaced csg with 360 bbls of FW. Plug down @ 12:00 A.M. 11/10/20.
Circ 229 sks cmt to the pit. Set Cameron mandrel hanger through BOP w/195k#. . At 12:00 A.M.
11/11/20 tested csg to 1500# for 30 min, held OK. FIT to 10.0 PPG EMW. Drilled out with 8 ?".

Bond on file: NM1693 nationwide & NMB000919

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 46818

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 46818
	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 46818

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 46818
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	3/2/2022