

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 / 05/05/2021
⁴ API Number 30 - 025 - 48170	⁵ Pool Name WC-025 G-09 S213232A; Upper Wolfcamp	⁶ Pool Code 98313
⁷ Property Code 329891	⁸ Property Name Bilbrey 34/27 W00B Fed Com	⁹ Well Number 2H

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	1561'	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
A	27	21S	32E		91'	North	1893'	East	Lea
¹² Lse Code F	¹³ Producing Method Code Flowing		¹⁴ Gas Connection Date 05/05/2021		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

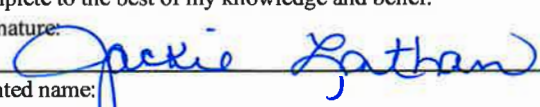
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	Oryx 4000 N Big Spring Midland, TX 79701	O
371960	Lucid Energy Group 3100 McKinnon Suite 800 Dallas, TX 75201	G

IV. Well Completion Data

²¹ Spud Date 01/03/2021	²² Ready Date 05/05/2021	²³ TD 22200'	²⁴ PBTD 22157'	²⁵ Perforations 12203' - 22144'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17 ½"		13 ¾" J55 54.5#		1002'	825
12 ¼"		9 5/8" HCL80 40#		4768'	1125
8 ¾"		7" HCP110 29#		12400'	825
6 ⅝"		4 ½" HCP110 13.5# 3 ½" 6.5# L80		11324' - 22199' 11302'	875

V. Well Test Data

³¹ Date New Oil 04/28/2021	³² Gas Delivery Date 04/28/2021	³³ Test Date 05/10/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 2275	³⁶ Csg. Pressure 2195
³⁷ Choke Size 28/64"	³⁸ Oil 839	³⁹ Water 4174	⁴⁰ Gas 1805		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: 08/19/2021	
Date: 06/16/2021	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 30-025-48170	² Pool Code 98313	³ Pool Name WC-025 G-09 S213232A; Upper Wolfcamp
⁴ Property Code 329891	⁵ Property Name BILBREY 34/27 WOOB FED COM	
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 2H
		⁹ Elevation 3718'

¹⁰ Surface Location

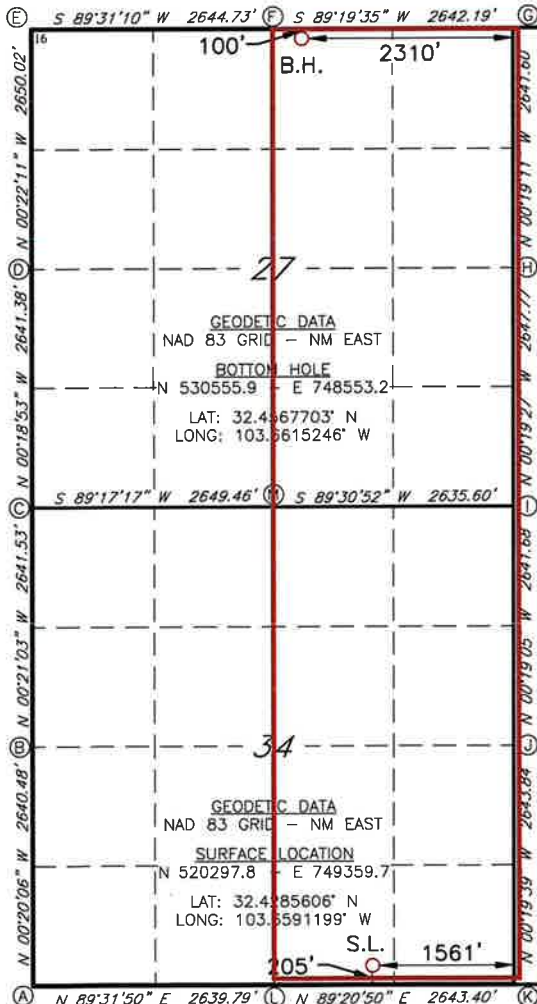
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
0	34	21S	32E		205	SOUTH	1561	EAST	LEA

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		91	NORTH	1893	EAST	LEA

¹² Dedicated Acres 640	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.



CORNER DATA

NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1916"
N 520058.9 - E 745639.6B: FOUND BRASS CAP "1916"
N 522698.8 - E 745624.2C: FOUND BRASS CAP "1916"
N 525339.7 - E 745608.0D: FOUND BRASS CAP "1916"
N 527980.5 - E 745593.5E: FOUND BRASS CAP "1916"
N 530629.8 - E 745576.4F: FOUND BRASS CAP "1916"
N 530652.0 - E 748220.5G: FOUND BRASS CAP "1916"
N 530683.1 - E 750861.9H: FOUND BRASS CAP "1916"
N 528042.1 - E 750876.7I: FOUND BRASS CAP "1916"
N 525394.9 - E 750891.6J: FOUND BRASS CAP "1916"
N 522753.9 - E 750906.3K: FOUND BRASS CAP "1916"
N 520110.6 - E 750921.4L: FOUND BRASS CAP "1916"
N 520080.5 - E 748278.8M: FOUND BRASS CAP "1916"
N 525372.6 - E 748256.7¹⁷ 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 06/08/2021
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.:

LS20090416

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-45578
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Mewbourne Oil Company		6. State Oil & Gas Lease No.
3. Address of Operator PO Box 5270, Hobbs NM 88241		7. Lease Name or Unit Agreement Name Rock Spur 27 W1BO St Com
4. Well Location Unit Letter <u>A</u> : <u>250</u> feet from the <u>North</u> line and <u>1300</u> feet from the <u>East</u> line Section <u>27</u> Township <u>24S</u> Range <u>28E</u> NMPM Eddy County		8. Well Number <u>3H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2957' GL		9. OGRID Number <u>14744</u>
		10. Pool name or Wildcat Purple Sage; Wolfcamp

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: completion sundry ☐

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

04/13/2021 Frac Horizontal Wolfcamp from 9944' MD to 14508' MD w/11,321,604 gals SW, carrying 13,697,064# local 100 mesh sand. Flowback well for cleanup.

04/24/2021 Drill out frac plugs to PBTD @ 14285'

04/28/2021 RIH w/2 7/8" 6.5# L80 tbg & GLVs to 9033'

04/30/2021 Put well on production.

Formation Top Bottom Descriptions, Contents, etc.

Name Top Wolfcamp 9944' - 14508' WATER, OIL & GAS

Castile 1250', Base of salt 2375', Delaware Lamar 2560', Bell Canyon 2590', Cherry Canyon 3450', Manzanita Marker 3585', Brushy Canyon 4710', Bone Spring 6285', 1st Bone Spring 7120', 2nd Bone Spring 7460', 3rd Bone Spring 9035', Wolfcamp 9443'.

Spud Date: 01/23/2021

Rig Release Date: 02/26/2021

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

SIGNATURE Jackie Lathan TITLE Regulatory DATE 05/24/21

Type or print name Jackie Lathan E-mail address: jathan@mewbourne.com PHONE: 575-393-5905

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG							1. WELL API NO. 30-015-45578			
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)							2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN			
							3. State Oil & Gas Lease No.			
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER							5. Lease Name or Unit Agreement Name Rock Spur 27 W1BO State Com			
							6. Well Number: 3H			
8. Name of Operator Mewbourne Oil Company				9. OGRID 14744						
10. Address of Operator PO Box 5270 Hobbs, NM 88240				11. Pool name or Wildcat Purple Sage; Wolfcamp (Gas) 98220						
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	27	24S	28E		250	North	1300	East	Eddy
BH:	O	27	24S	28E		318	South	1309	East	Eddy
13. Date Spudded 01/23/2021		14. Date T.D. Reached 02/04/2021		15. Date Rig Released 02/06/2021		16. Date Completed (Ready to Produce) 04/30/2021		17. Elevations (DF and RKB, RT, GR, etc.) 2957 GL		
18. Total Measured Depth of Well 14564'			19. Plug Back Measured Depth 14285		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run GR			
22. Producing Interval(s), of this completion - Top, Bottom, Name 9944' MD - 14508' MD Wolfcamp										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8"		54.5		418'		17 1/2"		475		0
9 5/8"		40#		2476		12 1/4"		625		0
7"		29#		9299'		8 3/4"		850		0
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD				
4 1/2"	9052'	14564	475			SIZE	DEPTH SET	PACKER SET		
						2 7/8"	9033'	9017'		
26. Perforation record (interval, size, and number) 9944' - 14508' (38 stages, 0.39" EHD, 1368 holes)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						9944' - 14508'		11,321,604 gals SW carrying 13,697,064# Local 100 Mesh sand.		
28. PRODUCTION										
Date First Production 04/30/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) Gas Lift				Well Status (Prod. or Shut-in) Producing				
Date of Test 05/04/2021	Hours Tested 24 hrs	Choke Size 53/64"	Prod'n For Test Period	Oil - Bbl 967	Gas - MCF 2328	Water - Bbl. 2750	Gas - Oil Ratio 2407			
Flow Tubing Press. 780	Casing Pressure 260	Calculated 24- Hour Rate	Oil - Bbl. 967	Gas - MCF 2328	Water - Bbl. 2750	Oil Gravity - API - (Corr.) NA				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By Robin Terrell			
31. List Attachments: CI04, Deviation Survey, Directional Survey, Gyro log, Final C-102										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date: 02/26/2021			
34. If an on-site burial was used at the well, report the exact location of the on-site burial Latitude Longitude NAD83										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Jackie Lathan			Printed							
Signature 			Name		Regulatory		Title		Date	
E-mail Address jathan@mewbourne.com							05/24/2021			

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Bell Canyon 2590'	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2375	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware 2560	T. Morrison	
T. Drinkard	T. Bone Springs 6285	T. Todilto	
T. Abo	T. Cherry Canyon 3450	T. Entrada	
T. Wolfcamp 9443	T. Manzanita Marker 3585	T. Wingate	
T. Penn	T. Castile 1250	T. Chinle	
T. Cisco (Bough C)	T. Brushy Canyon 4710	T. Permian	

No. 1, from.....to..... No. 3, from.....to.....
No. 2, from.....to..... No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

[illegible]

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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 30-015-45578		² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp (Gas)
⁴ Property Code 323106	⁵ Property Name ROCK SPUR 27 W1B0 STATE COM		⁶ Well Number 3H
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY		⁹ Elevation 2957'

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
A	27	24S	28E		250	NORTH	1300	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	27	24S	28E		318	SOUTH	1309	EAST	EDDY

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.

© S 89°51'47" W 5366.11' 16 GEODETIC DATA NAD 83 GRID — NM EAST SURFACE LOCATION N: 434897.6 — E: 622502.6 LAT: 32.1953387° N LONG: 104.0709428° W BOTTOM HOLE LOCATION N: 430117.2 — E: 622550.9 LAT: 32.1821974° N LONG: 104.0708245° W CORNER DATA NAD 83 GRID — NM EAST A: FOUND BRASS CAP "1942" N: 429768.0 — E: 618526.6 B: FOUND BRASS CAP "1942" N: 432451.2 — E: 618480.9 C: FOUND BRASS CAP "1942" N: 435137.9 — E: 618435.0 D: FOUND BRASS CAP "1942" N: 435150.7 — E: 623799.8 E: FOUND BRASS CAP "1942" N: 432471.6 — E: 623826.7 F: FOUND BRASS CAP "1942" N: 429793.4 — E: 623853.9 G: FOUND BRASS CAP "1942" N: 429780.8 — E: 621190.0 27 16 N 00°58'45" W 2687.69' N 00°58'32" W 2684.20' S 89°43'28" W 2664.05'		250' S.L. 1300' 1309' B.H. 16 N 00°58'45" W 2687.69' N 00°58'32" W 2684.20' S 89°43'39" E 2664.59'	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: 06/01/2021 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. 12-12-18 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number BH MOVE/NAME CHANGE 12/16/2020 Job No.: LS18121358
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Intent ☐ As Drilled ☒

API # 30-015-45578		
Operator Name: Mewbourne Oil Co.	Property Name: Rock Spur 27 W1BO State	Well Number 3H

Kick Off Point (KOP)

UL A	Section 27	Township 24S	Range 28E	Lot	Feet 9	From N/S N	Feet 1322	From E/W E	County Eddy
Latitude 32.1960010					Longitude -104.0710215			NAD 83	

First Take Point (FTP)

UL A	Section 27	Township 24S	Range 28E	Lot	Feet 431	From N/S N	Feet 1313	From E/W E	County Eddy
Latitude 32.1948414					Longitude -104.0709822			NAD 83	

Last Take Point (LTP)

UL P	Section 27	Township 24S	Range 28E	Lot	Feet 337	From N/S S	Feet 1309	From E/W E	County Eddy
Latitude 32.1822162					Longitude -104.0708535			NAD 83	

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

☐ N

Is this well an infill well?

☐ Y

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-015-44092		
Operator Name: Mewbourne Oil Co.	Property Name: Rock Spur 27 W2AP State	Well Number 1H

KZ 06/29/2018



MEWBOURNE
OIL COMPANY

Mewbourne Oil Company

Eddy Co., NM (NAD 83)

Rock Spur Pad

Rock Spur 27 W1BO State #3H

OH

Design: OH

Survey Report - Geographic

04 February, 2021



Plan #3


MEWBOURNE
OIL COMPANY

Project: Eddy Co., NM (NAD 83)
 Site: Rock Spur Pad
 Well: Rock Spur 27 W1B0 State #3H
 Wellbore: OH
 Design: Plan #3
 Lat: 32.195339
 Long: -104.070943
 GL: 2958.00
 KB: KB=28' @ 2986.00usft (Patterson 558)



WELL DETAILS: Rock Spur 27 W1B0 State #3H

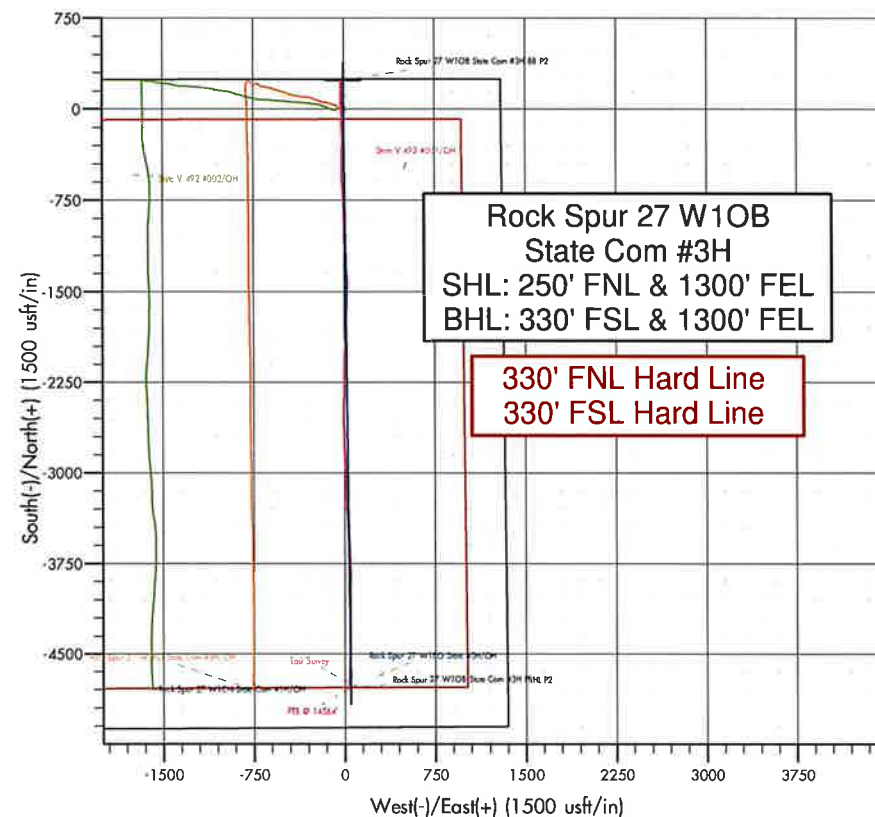
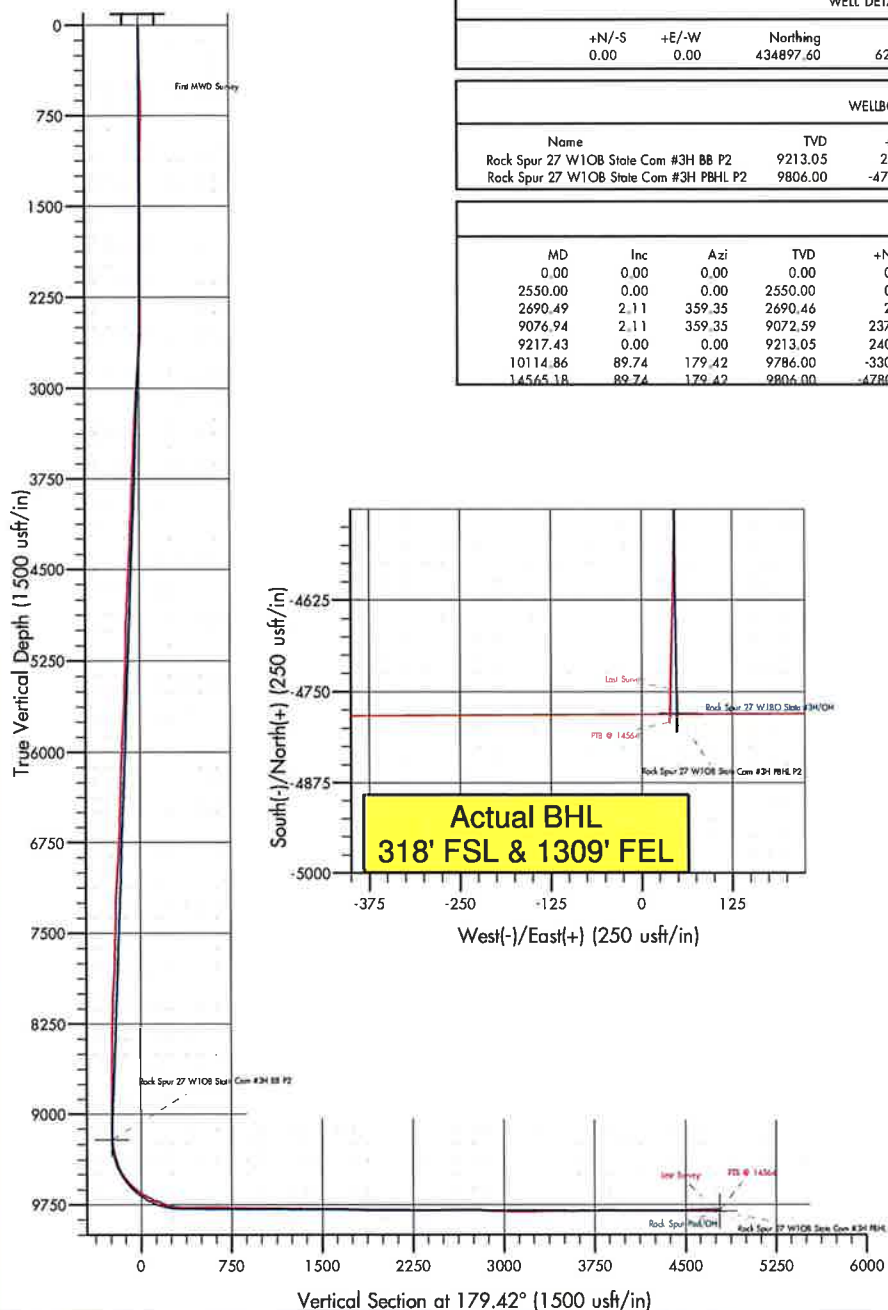
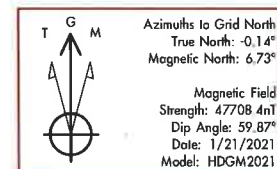
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	434897.60	622502.60	32.195339	-104.070943

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Rock Spur 27 W1OB State Com #3H BB P2	9213.05	240.00	-2.73	435137.60	622499.87	Point
Rock Spur 27 W1OB State Com #3H PBHL P2	9806.00	-4780.40	48.30	430117.20	622550.90	Point

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2550.00	0.00	0.00	2550.00	0.00	0.00	0.00	0.00	0.00	Build 1.5°/100'
2690.49	2.11	359.35	2690.46	2.58	-0.03	1.50	359.35	-2.58	6386' Hold
9076.94	2.11	359.35	9072.59	237.42	-2.70	0.00	0.00	-237.43	Drop 1.5°/100'
9217.43	0.00	0.00	9213.05	240.00	-2.73	1.50	180.00	-240.02	Build 10°/100'
10114.86	89.74	179.42	9786.00	-330.35	3.07	10.00	179.42	330.37	4450' Hold
14565.18	89.74	179.42	9806.00	-4780.40	48.30	0.00	0.00	4780.64	TD at 14565.18



Plan: Plan #3 (Rock Spur 27 W1B0 State #3H/OH)
 Created By: Dusty Mayer Date: 17:32 February 04 2021



Altitude Energy Partners

Survey Report - Geographic



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Rock Spur 27 W1BO State #3H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Site:	Rock Spur Pad	MD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Well:	Rock Spur 27 W1BO State #3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Project	Eddy Co., NM (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Rock Spur Pad			
Site Position:		Northing:	434,897.50 usft	Latitude: 32.195339
From:	Map	Easting:	622,442.60 usft	Longitude: -104.071137
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence: 0.14 °

Well	Rock Spur 27 W1BO State #3H			
Well Position	+N/-S	0.00 usft	Northing:	434,897.60 usft
	+E/-W	0.00 usft	Easting:	622,502.60 usft
Position Uncertainty	0.00 usft		Wellhead Elevation:	usft
			Ground Level:	2,958.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021	1/21/2021	6.87	59.87	47,708.40000000

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	179.42	

Survey Program	Date	2/4/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
126.00	401.00	Surface (OH)	MWD	OWSG MWD - Standard	
513.00	14,564.00	MWD Survey (OH)	MWD + HDGM	MWD + HDGM - Standard	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	434,897.60	622,502.60	32.195339	-104.070943
126.00	0.30	106.70	126.00	-0.09	0.32	434,897.50	622,502.92	32.195338	-104.070942
189.00	1.30	177.70	188.99	-0.86	0.50	434,896.74	622,503.11	32.195336	-104.070942
250.00	3.20	204.70	249.94	-3.09	-0.18	434,894.50	622,502.42	32.195330	-104.070944
311.00	2.90	195.70	310.86	-6.13	-1.31	434,891.47	622,501.29	32.195322	-104.070947
401.00	2.90	201.70	400.74	-10.43	-2.77	434,887.17	622,499.84	32.195310	-104.070952
513.00	2.55	201.85	512.62	-15.38	-4.74	434,882.22	622,497.86	32.195296	-104.070959
First MWD Survey									
637.00	0.48	129.16	636.57	-18.27	-5.37	434,879.33	622,497.24	32.195289	-104.070961
791.00	1.71	49.80	790.55	-17.19	-3.11	434,880.41	622,499.49	32.195291	-104.070953
889.00	2.07	41.62	888.49	-14.93	-0.82	434,882.67	622,501.78	32.195298	-104.070946



Altitude Energy Partners

Survey Report - Geographic



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Rock Spur 27 W1BO State #3H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Site:	Rock Spur Pad	MD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Well:	Rock Spur 27 W1BO State #3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
983.00	1.54	41.45	982.45	-12.71	1.14	434,884.89	622,503.75	32.195304	-104.070940
1,078.00	1.32	45.05	1,077.42	-10.98	2.76	434,886.62	622,505.37	32.195308	-104.070934
1,172.00	0.84	44.35	1,171.40	-9.72	4.01	434,887.88	622,506.62	32.195312	-104.070930
1,267.00	0.57	22.11	1,266.39	-8.79	4.68	434,888.81	622,507.28	32.195315	-104.070928
1,361.00	0.44	65.35	1,360.39	-8.20	5.18	434,889.40	622,507.78	32.195316	-104.070927
1,456.00	0.48	3.04	1,455.39	-7.65	5.53	434,889.95	622,508.14	32.195318	-104.070925
1,551.00	0.35	9.98	1,550.38	-6.97	5.60	434,890.63	622,508.21	32.195319	-104.070925
1,645.00	0.40	317.16	1,644.38	-6.45	5.43	434,891.15	622,508.04	32.195321	-104.070926
1,740.00	0.44	350.56	1,739.38	-5.84	5.15	434,891.76	622,507.75	32.195323	-104.070927
1,834.00	0.31	7.08	1,833.38	-5.23	5.12	434,892.36	622,507.72	32.195324	-104.070927
1,928.00	0.62	90.67	1,927.38	-4.99	5.66	434,892.61	622,508.26	32.195325	-104.070925
2,023.00	1.01	90.49	2,022.37	-5.00	7.01	434,892.60	622,509.61	32.195325	-104.070921
2,117.00	0.66	94.80	2,116.36	-5.05	8.38	434,892.55	622,510.98	32.195325	-104.070916
2,213.00	1.01	110.53	2,212.35	-5.40	9.72	434,892.20	622,512.32	32.195324	-104.070912
2,307.00	1.71	122.04	2,306.32	-6.43	11.69	434,891.17	622,514.29	32.195321	-104.070905
2,402.00	0.92	91.54	2,401.29	-7.20	13.65	434,890.40	622,516.25	32.195319	-104.070899
2,431.00	0.53	60.69	2,430.29	-7.14	14.00	434,890.46	622,516.60	32.195319	-104.070898
2,504.00	0.31	359.08	2,503.29	-6.78	14.29	434,890.82	622,516.89	32.195320	-104.070897
2,599.00	2.64	338.25	2,598.25	-4.49	13.48	434,893.11	622,516.08	32.195326	-104.070900
2,694.00	4.26	336.41	2,693.08	0.77	11.25	434,898.37	622,513.86	32.195341	-104.070907
2,788.00	4.22	338.43	2,786.82	7.19	8.58	434,904.79	622,511.19	32.195358	-104.070915
2,883.00	4.22	337.99	2,881.56	13.68	5.99	434,911.28	622,508.59	32.195376	-104.070924
2,978.00	4.09	339.04	2,976.31	20.08	3.47	434,917.68	622,506.07	32.195394	-104.070932
3,073.00	3.87	337.29	3,071.08	26.21	1.02	434,923.81	622,503.62	32.195411	-104.070940
3,167.00	3.91	336.06	3,164.87	32.06	-1.51	434,929.66	622,501.10	32.195427	-104.070948
3,262.00	3.96	335.62	3,259.64	38.01	-4.18	434,935.61	622,498.43	32.195443	-104.070956
3,357.00	2.68	343.70	3,354.48	43.13	-6.15	434,940.73	622,496.45	32.195457	-104.070963
3,451.00	2.11	344.58	3,448.40	46.91	-7.23	434,944.51	622,495.37	32.195468	-104.070966
3,546.00	2.15	338.52	3,543.33	50.25	-8.35	434,947.85	622,494.26	32.195477	-104.070970
3,640.00	2.07	340.01	3,637.27	53.49	-9.57	434,951.09	622,493.03	32.195486	-104.070974
3,735.00	2.11	340.01	3,732.21	56.74	-10.76	434,954.34	622,491.85	32.195495	-104.070978
3,828.00	2.20	334.30	3,825.14	59.96	-12.12	434,957.56	622,490.49	32.195504	-104.070982
3,923.00	2.02	328.67	3,920.08	63.03	-13.78	434,960.63	622,488.82	32.195512	-104.070987
4,017.00	2.95	8.40	4,013.99	66.84	-14.29	434,964.44	622,488.32	32.195523	-104.070989
4,112.00	3.25	14.11	4,108.86	71.87	-13.27	434,969.47	622,489.33	32.195536	-104.070986
4,207.00	3.21	16.22	4,203.70	77.04	-11.87	434,974.64	622,490.73	32.195551	-104.070981
4,302.00	3.03	15.52	4,298.56	82.01	-10.46	434,979.61	622,492.14	32.195564	-104.070976
4,396.00	3.12	17.54	4,392.43	86.84	-9.02	434,984.44	622,493.58	32.195577	-104.070972
4,491.00	2.99	18.51	4,487.29	91.66	-7.46	434,989.26	622,495.15	32.195591	-104.070967
4,586.00	2.73	20.62	4,582.17	96.13	-5.88	434,993.72	622,496.73	32.195603	-104.070961
4,680.00	2.64	26.42	4,676.07	100.16	-4.12	434,997.76	622,498.48	32.195614	-104.070956
4,775.00	2.46	29.85	4,770.98	103.89	-2.14	435,001.49	622,500.47	32.195624	-104.070949
4,869.00	2.02	23.69	4,864.91	107.15	-0.47	435,004.75	622,502.14	32.195633	-104.070944
4,963.00	1.85	23.43	4,958.85	110.06	0.80	435,007.66	622,503.41	32.195641	-104.070940
5,057.00	1.54	14.02	5,052.81	112.68	1.71	435,010.28	622,504.32	32.195648	-104.070937
5,151.00	1.93	357.15	5,146.77	115.49	1.94	435,013.09	622,504.54	32.195656	-104.070936
5,246.00	2.24	351.17	5,241.71	118.92	1.58	435,016.52	622,504.18	32.195666	-104.070937
5,341.00	2.07	349.50	5,336.64	122.44	0.98	435,020.04	622,503.58	32.195675	-104.070939
5,435.00	1.76	342.56	5,430.59	125.49	0.24	435,023.09	622,502.84	32.195684	-104.070941
5,530.00	1.45	338.61	5,525.55	128.00	-0.64	435,025.60	622,501.96	32.195691	-104.070944
5,625.00	3.12	339.57	5,620.47	131.54	-1.98	435,029.14	622,500.62	32.195700	-104.070949
5,719.00	3.16	342.65	5,714.33	136.41	-3.65	435,034.01	622,498.96	32.195714	-104.070954
5,813.00	2.99	344.58	5,808.19	141.25	-5.07	435,038.85	622,497.53	32.195727	-104.070958
5,907.00	2.64	345.55	5,902.08	145.71	-6.26	435,043.31	622,496.34	32.195739	-104.070962
6,001.00	2.42	342.12	5,995.99	149.69	-7.41	435,047.29	622,495.19	32.195750	-104.070966



Altitude Energy Partners

Survey Report - Geographic



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Rock Spur 27 W1BO State #3H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Site:	Rock Spur Pad	MD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Well:	Rock Spur 27 W1BO State #3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,096.00	2.24	347.13	6,090.91	153.41	-8.44	435,051.01	622,494.16	32.195760	-104.070969
6,189.00	1.93	351.44	6,183.85	156.73	-9.08	435,054.33	622,493.52	32.195770	-104.070971
6,284.00	1.85	352.93	6,278.80	159.83	-9.51	435,057.43	622,493.10	32.195778	-104.070973
6,379.00	2.20	352.05	6,373.74	163.16	-9.95	435,060.76	622,492.66	32.195787	-104.070974
6,474.00	1.93	349.06	6,468.67	166.54	-10.50	435,064.14	622,492.10	32.195797	-104.070976
6,569.00	2.20	324.72	6,563.61	169.60	-11.86	435,067.20	622,490.74	32.195805	-104.070980
6,663.00	2.11	314.87	6,657.55	172.29	-14.13	435,069.89	622,488.48	32.195812	-104.070988
6,758.00	2.81	339.75	6,752.46	175.71	-16.17	435,073.31	622,486.43	32.195822	-104.070994
6,852.00	2.51	328.76	6,846.36	179.63	-18.04	435,077.23	622,484.57	32.195833	-104.071000
6,945.00	3.69	350.03	6,939.23	184.32	-19.61	435,081.92	622,482.99	32.195846	-104.071005
7,040.00	3.69	346.78	7,034.03	190.31	-20.84	435,087.91	622,481.76	32.195862	-104.071009
7,135.00	2.90	5.50	7,128.88	195.68	-21.31	435,093.28	622,481.29	32.195877	-104.071011
7,230.00	2.73	25.89	7,223.76	200.10	-20.09	435,097.70	622,482.51	32.195889	-104.071007
7,323.00	2.11	21.50	7,316.68	203.69	-18.50	435,101.29	622,484.11	32.195899	-104.071001
7,417.00	1.49	345.81	7,410.64	206.48	-18.16	435,104.08	622,484.44	32.195906	-104.071000
7,512.00	2.59	8.05	7,505.58	209.81	-18.17	435,107.41	622,484.44	32.195916	-104.071000
7,605.00	1.89	39.07	7,598.51	213.08	-16.90	435,110.68	622,485.70	32.195925	-104.070996
7,699.00	0.13	334.30	7,692.49	214.38	-15.97	435,111.98	622,486.63	32.195928	-104.070993
7,794.00	2.46	339.75	7,787.46	216.39	-16.73	435,113.99	622,485.88	32.195934	-104.070996
7,888.00	3.21	347.13	7,881.34	220.85	-18.01	435,118.45	622,484.59	32.195946	-104.071000
7,982.00	3.16	337.02	7,975.20	225.80	-19.61	435,123.40	622,483.00	32.195960	-104.071005
8,077.00	1.58	8.05	8,070.12	229.51	-20.45	435,127.10	622,482.16	32.195970	-104.071007
8,172.00	1.36	0.40	8,165.09	231.93	-20.26	435,129.53	622,482.35	32.195976	-104.071007
8,265.00	1.10	350.82	8,258.07	233.91	-20.39	435,131.51	622,482.21	32.195982	-104.071007
8,359.00	1.14	357.85	8,352.05	235.74	-20.57	435,133.34	622,482.03	32.195987	-104.071008
8,453.00	1.14	344.14	8,446.03	237.57	-20.86	435,135.17	622,481.74	32.195992	-104.071009
8,548.00	0.88	334.56	8,541.01	239.14	-21.43	435,136.74	622,481.17	32.195996	-104.071011
8,643.00	0.31	20.88	8,636.01	240.04	-21.65	435,137.64	622,480.95	32.195999	-104.071011
8,737.00	0.35	131.89	8,730.01	240.09	-21.35	435,137.69	622,481.25	32.195999	-104.071010
8,832.00	0.35	269.17	8,825.01	239.89	-21.42	435,137.49	622,481.18	32.195998	-104.071011
8,926.00	0.53	282.18	8,919.01	239.98	-22.14	435,137.58	622,480.47	32.195999	-104.071013
9,021.00	0.75	295.27	9,014.00	240.33	-23.13	435,137.93	622,479.48	32.195999	-104.071016
9,115.00	0.97	282.71	9,107.99	240.77	-24.46	435,138.37	622,478.14	32.196001	-104.071020
9,142.00	0.84	281.48	9,134.99	240.86	-24.88	435,138.46	622,477.73	32.196001	-104.071022
9,242.00	4.97	176.80	9,234.86	236.68	-25.35	435,134.28	622,477.25	32.195989	-104.071023
9,289.00	10.15	171.52	9,281.44	230.55	-24.63	435,128.15	622,477.98	32.195973	-104.071021
9,336.00	13.89	174.86	9,327.40	220.83	-23.51	435,118.43	622,479.09	32.195946	-104.071017
9,374.00	16.97	175.30	9,364.03	210.76	-22.65	435,108.36	622,479.96	32.195918	-104.071015
9,419.00	18.51	176.62	9,406.88	197.08	-21.69	435,094.68	622,480.91	32.195881	-104.071012
9,466.00	24.40	181.72	9,450.61	179.91	-21.54	435,077.51	622,481.06	32.195833	-104.071011
9,513.00	30.73	182.07	9,492.26	158.19	-22.27	435,055.78	622,480.34	32.195774	-104.071014
9,560.00	36.44	178.82	9,531.40	132.21	-22.41	435,029.81	622,480.19	32.195702	-104.071015
9,607.00	42.86	177.50	9,567.57	102.25	-21.43	434,999.85	622,481.18	32.195620	-104.071012
9,655.00	47.34	178.03	9,601.44	68.28	-20.11	434,965.88	622,482.50	32.195527	-104.071008
9,702.00	51.96	178.29	9,631.86	32.49	-18.96	434,930.09	622,483.64	32.195428	-104.071004
9,749.00	57.05	179.00	9,659.14	-5.75	-18.06	434,891.85	622,484.54	32.195323	-104.071002
9,796.00	60.70	178.82	9,683.43	-45.97	-17.30	434,851.63	622,485.31	32.195212	-104.070999
9,843.00	64.22	178.03	9,705.16	-87.62	-16.15	434,809.98	622,486.46	32.195098	-104.070996
9,890.00	67.91	176.89	9,724.23	-130.53	-14.24	434,767.07	622,488.37	32.194980	-104.070990
9,937.00	69.67	177.15	9,741.23	-174.28	-11.96	434,723.32	622,490.64	32.194860	-104.070983
9,984.00	73.63	178.91	9,756.03	-218.86	-10.44	434,678.74	622,492.17	32.194737	-104.070979
10,032.00	78.11	180.31	9,767.74	-265.39	-10.12	434,632.21	622,492.48	32.194609	-104.070978
10,079.00	83.03	182.16	9,775.44	-311.73	-11.13	434,585.87	622,491.48	32.194482	-104.070982
10,174.00	92.44	181.72	9,779.19	-406.49	-14.34	434,491.11	622,488.27	32.194221	-104.070993
10,268.00	90.64	178.82	9,776.66	-500.44	-14.78	434,397.16	622,487.82	32.193963	-104.070995



Altitude Energy Partners

Survey Report - Geographic



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Rock Spur 27 W1BO State #3H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Site:	Rock Spur Pad	MD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Well:	Rock Spur 27 W1BO State #3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
10,362.00	89.54	177.15	9,776.52	-594.38	-11.47	434,303.22	622,491.13	32.193705	-104.070985
10,456.00	88.88	176.80	9,777.81	-688.24	-6.51	434,209.36	622,496.09	32.193447	-104.070970
10,550.00	88.53	178.38	9,779.94	-782.13	-2.56	434,115.47	622,500.04	32.193189	-104.070958
10,644.00	89.10	178.29	9,781.88	-876.07	0.17	434,021.53	622,502.77	32.192930	-104.070950
10,738.00	89.27	181.63	9,783.22	-970.05	0.23	433,927.55	622,502.84	32.192672	-104.070950
10,830.00	89.98	176.97	9,783.82	-1,062.01	1.36	433,835.59	622,503.96	32.192419	-104.070947
10,925.00	88.44	174.07	9,785.13	-1,156.70	8.78	433,740.90	622,511.38	32.192159	-104.070924
11,020.00	90.55	179.17	9,785.97	-1,251.50	14.37	433,646.10	622,516.98	32.191898	-104.070907
11,113.00	88.04	172.58	9,787.11	-1,344.19	21.06	433,553.41	622,523.66	32.191644	-104.070886
11,208.00	90.37	180.49	9,788.43	-1,438.92	26.79	433,458.68	622,529.40	32.191383	-104.070868
11,303.00	90.59	182.25	9,787.64	-1,533.89	24.52	433,363.71	622,527.12	32.191122	-104.070876
11,397.00	89.14	182.77	9,787.86	-1,627.80	20.40	433,269.80	622,523.01	32.190864	-104.070890
11,490.00	87.21	181.81	9,790.82	-1,720.67	16.69	433,176.93	622,519.29	32.190609	-104.070903
11,586.00	86.46	181.54	9,796.12	-1,816.48	13.89	433,081.12	622,516.49	32.190345	-104.070913
11,680.00	89.89	183.13	9,799.11	-1,910.34	10.06	432,987.26	622,512.66	32.190087	-104.070926
11,774.00	90.42	182.60	9,798.86	-2,004.22	5.36	432,893.38	622,507.97	32.189829	-104.070942
11,869.00	90.07	180.31	9,798.45	-2,099.18	2.95	432,798.42	622,505.55	32.189568	-104.070950
11,962.00	89.54	181.19	9,798.77	-2,192.17	1.73	432,705.43	622,504.34	32.189313	-104.070955
12,055.00	88.92	177.59	9,800.02	-2,285.14	2.72	432,612.46	622,505.33	32.189057	-104.070952
12,149.00	91.34	184.88	9,799.81	-2,379.05	0.70	432,518.55	622,503.30	32.188799	-104.070960
12,244.00	92.66	181.46	9,796.49	-2,473.83	-4.55	432,423.77	622,498.05	32.188538	-104.070977
12,338.00	88.84	177.33	9,795.26	-2,567.78	-3.56	432,329.82	622,499.04	32.188280	-104.070975
12,432.00	89.58	178.47	9,796.56	-2,661.71	-0.12	432,235.89	622,502.49	32.188022	-104.070965
12,527.00	90.55	179.08	9,796.45	-2,756.68	1.92	432,140.92	622,504.52	32.187761	-104.070959
12,621.00	86.77	177.77	9,798.65	-2,850.60	4.50	432,047.00	622,507.10	32.187503	-104.070951
12,715.00	85.45	176.45	9,805.02	-2,944.26	9.22	431,953.34	622,511.83	32.187245	-104.070937
12,809.00	89.10	177.68	9,809.49	-3,038.02	14.03	431,859.58	622,516.63	32.186987	-104.070922
12,904.00	90.15	177.77	9,810.11	-3,132.94	17.80	431,764.66	622,520.40	32.186726	-104.070910
12,998.00	90.51	178.12	9,809.57	-3,226.87	21.17	431,670.72	622,523.78	32.186468	-104.070900
13,092.00	91.52	177.33	9,807.91	-3,320.78	24.90	431,576.82	622,527.51	32.186210	-104.070889
13,185.00	90.81	176.80	9,806.02	-3,413.64	29.66	431,483.96	622,532.27	32.185955	-104.070874
13,279.00	90.29	176.01	9,805.11	-3,507.45	35.56	431,390.15	622,538.16	32.185697	-104.070856
13,373.00	91.69	176.80	9,803.49	-3,601.25	41.45	431,296.35	622,544.05	32.185439	-104.070838
13,467.00	90.64	178.38	9,801.58	-3,695.14	45.40	431,202.46	622,548.01	32.185181	-104.070826
13,561.00	90.77	177.33	9,800.42	-3,789.07	48.92	431,108.53	622,551.52	32.184923	-104.070815
13,656.00	90.20	181.90	9,799.62	-3,884.04	49.56	431,013.56	622,552.16	32.184662	-104.070814
13,749.00	88.62	181.72	9,800.57	-3,976.98	46.62	430,920.62	622,549.22	32.184406	-104.070824
13,843.00	89.14	179.35	9,802.41	-4,070.95	45.74	430,826.65	622,548.35	32.184148	-104.070827
13,937.00	90.81	180.40	9,802.45	-4,164.95	45.95	430,732.65	622,548.55	32.183889	-104.070828
14,030.00	89.45	179.79	9,802.24	-4,257.95	45.79	430,639.65	622,548.40	32.183634	-104.070829
14,124.00	89.63	179.35	9,803.00	-4,351.94	46.50	430,545.66	622,549.10	32.183375	-104.070827
14,217.00	93.05	180.75	9,800.82	-4,444.90	46.42	430,452.70	622,549.02	32.183120	-104.070828
14,311.00	92.66	181.02	9,796.14	-4,538.77	44.97	430,358.83	622,547.57	32.182862	-104.070834
14,405.00	90.73	181.63	9,793.36	-4,632.70	42.80	430,264.90	622,545.40	32.182604	-104.070841
14,518.00	90.46	181.28	9,792.19	-4,745.66	39.93	430,151.94	622,542.53	32.182293	-104.070852
Last Survey									
14,564.00	90.46	181.28	9,791.82	-4,791.64	38.90	430,105.96	622,541.50	32.182167	-104.070855
PTB @ 14564'									



Altitude Energy Partners

Survey Report - Geographic



Company:	Mewbourne Oil Company	Local Coordinate Reference:	Well Rock Spur 27 W1BO State #3H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Site:	Rock Spur Pad	MD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Well:	Rock Spur 27 W1BO State #3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
513.00	512.62	-15.38	-4.74	First MWD Survey
14,518.00	9,792.19	-4,745.66	39.93	Last Survey
14,564.00	9,791.82	-4,791.64	38.90	PTB @ 14564'

Checked By: _____ Approved By: _____ Date: _____

Mewbourne Oil Company

Well Name: Rock Spur 27 W1BO State #3H

Updated by: Andy Taylor

Spud Date: 1/23/2021

Date Updated: 5/26/2021

Surface

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

Set @ 418'

Cmt w/ 475 sx

Circ. 222 sx to pit

Intermediate

12 1/4" x 9 3/4" 40# HCL80

Set @ 2476'

Cmt w/ 625 sx

Circ. 209 sx to pit

Production

8 3/4" x 7" 29# HCP110

Set @ 9299'

Cmt w/ 850 sx

TOC @ 1000' (calc)

TBG Detail:

1	2 7/8" 6.5# L80 pup jt	6.52'
1	2 7/8" x 7" AS 1X Pkr	9.25'
1	2 7/8" 6.5# L80 IPC tbg	32.60'
1	2 7/8" L80 IPC GLV #1	4.10'
1	2 7/8" SN & Collar	1.10'
19	2 7/8" 6.5# L80 IPC tbg	621.21'
1	2 7/8" L80 IPC GLV #2	4.10'
19	2 7/8" 6.5# L80 IPC tbg	620.88'
1	2 7/8" L80 IPC GLV #3	4.10'
19	2 7/8" 6.5# L80 IPC tbg	618.49'
1	2 7/8" L80 IPC GLV #4	4.10'
20	2 7/8" 6.5# L80 IPC tbg	653.82'
1	2 7/8" L80 IPC GLV #5	4.10'
19	2 7/8" 6.5# L80 IPC tbg	618.62'
1	2 7/8" L80 IPC GLV #6	4.10'
19	2 7/8" 6.5# L80 IPC tbg	621.55'
1	2 7/8" L80 IPC GLV #7	4.10'
20	2 7/8" 6.5# L80 IPC tbg	654.78'
1	2 7/8" L80 IPC GLV #8	4.10'
19	2 7/8" 6.5# L80 IPC tbg	621.25'
1	2 7/8" L80 IPC GLV #9	4.10'
20	2 7/8" 6.5# L80 IPC tbg	653.43'
1	2 7/8" L80 IPC GLV #10	4.10'
36	2 7/8" 6.5# L80 IPC tbg	1170.67'
1	2 7/8" L80 IPC GLV #11	4.10'
62	2 7/8" 6.5# L80 IPC tbg	2018.56'
1	2 7/8" 6.5# L80 IPC sub	4.00'
1	2 7/8" 6.5# L80 IPC tbg	32.70'
Total tbg		9004.53'
KB Correction		28.50'
Tbg set @		9033.03'

Liner

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

Set @ 9052'-14,564'

TOC @ 9052'

KOP @ 9142'

Dev @ KOP: 0.84°

TVD @ 9810'

TD 6 1/8" hole @ 14,564'

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

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 88240		² OGRID Number 14744
		³ Reason for Filing Code/ Effective Date NW / 04/30/2021
⁴ API Number 30 - 015-45578	⁵ Pool Name Purple Sage; Wolfcamp (Gas)	⁶ Pool Code 98220
⁷ Property Code 323106	⁸ Property Name Rock Spur 27 W1BO State Com	⁹ Well Number 3H

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
A	27	24S	28E		250	North	1300	East	Eddy

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
O	27	24S	28E		318	South	1309	East	Eddy
¹² Lse Code S	¹³ Producing Method Code Gas lift	¹⁴ Gas Connection Date 04/30/2021	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 Suite 400 Midland, TX 79705	O
327139	Sendero Midstream 1000 Louisiana Street Suite 6900 Houston, TX 77002	G

IV. Well Completion Data

²¹ Spud Date 01/23/2021	²² Ready Date 04/30/2021	²³ TD 14564'	²⁴ PBTB 14285'	²⁵ Perforations 9944' - 14508'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 ½"	13 ¾" 54.5# J55	4184	475		
12 ¼"	9 ⅝" 40# HCL80	2476'	625		
8 ¾"	7" 29# HCP110	9299'	850		
6 ⅞"	4 ½" Liner 2 ⅞" 6.5# L80	9052' - 14564' 9033'	475		

V. Well Test Data

³¹ Date New Oil 04/30/2021	³² Gas Delivery Date 04/30/2021	³³ Test Date 05/04/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 780	³⁶ Csg. Pressure 260
³⁷ Choke Size 53/64"	³⁸ Oil 967	³⁹ Water 2750	⁴⁰ Gas 2328		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:	
Title: Regulatory		Title:	
E-mail Address: jlathan@mewboume.com		Approval Date:	
Date: 05/24/2021	Phone: 575-393-5905		

Intent ☐ As Drilled ☒

API # 30-025-46277		
Operator Name: Mewbourne Oil Co.	Property Name: Bilbrey 34/27 W00B Fed Com	Well Number 2H

Kick Off Point (KOP)

UL O	Section 34	Township 21S	Range 32E	Lot	Feet 37	From N/S S	Feet 1904	From E/W E	County Lea
Latitude 32.4280951					Longitude -103.6602354				NAD 83

First Take Point (FTP)

UL O	Section 34	Township 21S	Range 32E	Lot	Feet 350	From N/S S	Feet 1904	From E/W E	County Lea
Latitude 32.4289709					Longitude -103.6602376				NAD 83

Last Take Point (LTP)

UL B	Section 27	Township 21S	Range 32E	Lot	Feet 110	From N/S N	Feet 1893	From E/W E	County Lea
Latitude 32.4567492					Longitude -103.6601741				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☒Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018



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

Sundry Print Report

06/29/2021

Well Name: BILBREY 34/27 W00B FED COM	Well Location: T21S / R32E / SEC 34 / SWSE / 32.4285606 / -103.6591199	County or Parish/State: LEA / NM
Well Number: 2H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM86710	Unit or CA Name:	Unit or CA Number: NMNM139716
US Well Number: 3002548170	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:** 02:13**Date Operation Actually Began:** 03/28/2021

Actual Procedure: Frac horizontal Wolfcamp from 12203' MD to 22144' MD w/24,844,470 gals Slickwater, carrying 25,219,763# local 100 mesh sand. Flowback well for cleanup. 04/29/2021 Drill out frac plugs to PBTD @ 22157'. 05/04/2021 RIH w/3 1/2" 6.5# L80 IPC tbg & GLVs to 11302'. 05/05/2021 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 11512', Wolfcamp 11863'. REQUEST FOR OCD EXTENSION OF TIME TO FILE BLM APPROVED FORM 3160-4.

Well Name: BILBREY 34/27 W00B FED COM	Well Location: T21S / R32E / SEC 34 / SWSE / 32.4285606 / -103.6591199	County or Parish/State: LEA / NM
Well Number: 2H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM86710	Unit or CA Name:	Unit or CA Number: NMNM139716
US Well Number: 3002548170	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 02:12 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

06/29/2021

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 W0OB FED COM	Well Number 2H	US Well Number 3002548170
	County LEA	State NM	Lease Number(s) NMNM86710
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM139716
Allottee/Tribe Name	Well Pad Name Bilbrey 34/27 W0OB & W0PA Fed Com wells	Well Pad Number 3	ID 10400061882

Section 1 - General

Well Completion Report Id: 76431 **Submission Date:** N/A until DB Work

BLM Office: Carlsbad Field Office **User:** Bradley Bishop **Title:** Regulatory

Federal/Indian: FEDERAL **Lease Number:** NMNM86710 **Lease Acres:**

Agreement in place?: YES **Federal or Indian Agreement:** FEDERAL

Agreement Number: NMNM139716 **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:** WOLFCAMP **Field Name:** WC -025 G-09 S213232A:

Well Type: CONVENTIONAL GAS WELL

Spud Date: 01-03-2021

Date Total Measured Depth Reached: 01-25-2021

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	OTHER	Topsoil	3718	28	28	NONE	

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 W00B FED COM	Well Number 2H	US Well Number 3002548170
	County LEA	State NM	Lease Number(s) NMNM86710
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM139716
Allottee/Tribe Name	Well Pad Name Bilbrey 34/27 W00B & W0PA Fed Com wells	Well Pad Number 3	ID 10400061882

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
RUSTLER	ANHYDRITE, DOLOMITE		2943	775	775	USEABLE WATER	
TOP SALT	SALT		2621	1097	1097	NONE	
BASE OF SALT	SALT		-686	4404	4404	NONE	
LAMAR	LIMESTONE		-1080	4798	4798	NATURAL GAS, OIL	
BELL CANYON	SANDSTONE		-1188	4906	4906	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-2013	5731	5731	NATURAL GAS, OIL	
MANZANITA	LIMESTONE		-2241	5959	5959	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-3503	7221	7221	NATURAL GAS, OIL	
BONE SPRING	LIMESTONE, SHALE		-5083	8801	8801	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6370	10088	10088	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-6765	10483	10483	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE		-7262	10980	10980	NATURAL GAS, OIL	
WOLFCAMP	LIMESTONE, SANDSTONE, SHALE		-8176	11894	11894	NATURAL GAS, OIL	

Completion and Completed Intervals

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 W0OB FED COM	Well Number 2H	US Well Number 3002548170
Well Type CONVENTIONAL GAS WELL	County LEA	State NM	Lease Number(s) NMNM86710
Allottee/Tribe Name	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM139716
	Well Pad Name Bilbrey 34/27 W0OB & W0PA Fed Com wells	Well Pad Number 3	ID 10400061882

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	NMNM139716		NEW		DRG	04-15-2021	04-28-2021	WOLFCA MP	12203	22144	Y	.39	2232	OPEN

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	591535		Frac horizontal Wolfcam w/24,844,470 gals slickwater, carrying 25,219,763 # 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	

Operator Name MEWBORNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 W00B FED COM	Well Number 2H	US Well Number 3002548170
Well Type CONVENTIONAL GAS WELL	County LEA	State NM	Lease Number(s) NMNM86710
Allottee/Tribe Name	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM139716
	Well Pad Name Bilbrey 34/27 W00B & W0PA Fed Com wells	Well Pad Number 3	ID 10400061882

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	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	X1	1	05/10/2021	24	839	1805	4174	2151	28/64	2275		2195

Well Location

Survey Type: RECTANGULAR

Survey Number: None

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: KB

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	32.4285606	-103.6591199	3718	FEDERAL	NMNM 86710			205	FSL	1561	FEL	21S	32E	34	SWSE
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4280951	-103.6602354	-7662	FEDERAL	NMNM 86710			37	FSL	1904	FEL	21S	32E	34	SWSE
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4497891	-103.6602109	-8187	FEDERAL	NMNM 114819			2642	FNL	1903	FEL	21S	32E	27	SWNE
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4425335	-103.6602072	-8218	FEDERAL	NMNM 63019			0	FSL	1900	FEL	21S	32E	27	SWSE

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 W00B FED COM	Well Number 2H	US Well Number 3002548170
Well Type CONVENTIONAL GAS WELL	County LEA	State NM	Lease Number(s) NMNM86710
Allottee/Tribe Name	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM139716
	Well Pad Name Bilbrey 34/27 W00B & W0PA Fed Com wells	Well Pad Number 3	ID 10400061882

	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
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4289709	-103.6602376	-8208	FEDERAL	NMNM 86710				350	FSL	1904	FEL	21S	32E	34	SWSE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4353222	-103.6602018	-8261	FEDERAL	NMNM 83607				2642	FNL	1896	FEL	21S	32E	34	SWNE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4567492	-103.6601741	-8162	FEDERAL	NMNM 114819				110	FNL	1893	FEL	21S	32E	27	NWNE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4568014	-103.6601744	-8162	FEDERAL	NMNM 114819				91	FNL	1893	FEL	21S	32E	27	NWNE

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)
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Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 W00B FED COM	Well Number 2H	US Well Number 3002548170
	County LEA	State NM	Lease Number(s) NMNM86710
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM139716
Allottee/Tribe Name	Well Pad Name Bilbrey 34/27 W00B & W0PA Fed Com wells	Well Pad Number 3	ID 10400061882

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	1002	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	4768	9.625	40	HCL-80		LT&C		
00	PRODUCTION	8.75	0	12400	7.0	29	HCP-110		LT&C		
00	LINER	6.125	11324	22199	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 (bbls)
00	SURFACE		Class C	625	1.74	0	Class C	200	1.34		241.4
00	INTERMEDIATE		Class C	925	2.01	0	Class C	200	1.33		378.5
00	PRODUCTION		Class C	425	3.18	4000	Class H	400	1.18		324.8
00	LINER		Poz H	875	1.74	11324					271.2

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 W00B FED COM	Well Number 2H	US Well Number 3002548170
	County LEA	State NM	Lease Number(s) NMNM86710
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM139716
Allottee/Tribe Name	Well Pad Name Bilbrey 34/27 W00B & W0PA Fed Com wells	Well Pad Number 3	ID 10400061882

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		11302	11284	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 W0OB FED COM	Well Number 2H	US Well Number 3002548170
	County LEA	State NM	Lease Number(s) NMNM86710
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM139716
Allottee/Tribe Name	Well Pad Name Bilbrey 34/27 W0OB & W0PA Fed Com wells	Well Pad Number 3	ID 10400061882

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: 06/29/2021

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:

Email address: jlathan@mewbourne.com

Attachments

Bilbrey_34_27_W0OB_Fed_Com_20210615105743

MOCBilbrey3427W0OBFedCom2HCNLEmail_20210615105945.pdf

Bilbrey_34_27_W0OB_Fed_Com_2H_240_TVD_20210615110228.pdf

Bilbrey_34_27_W0OB_Fed_Com_2H_240_MD_20210615110254.pdf

Bilbrey_34_27_W0OB_Fed_Com_2H_480_MD_20210615110311.pdf

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 34 21S 32E	Well Name BILBREY 34/27 W00B FED COM	Well Number 2H	US Well Number 3002548170
	County LEA	State NM	Lease Number(s) NMNM86710
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM139716
Allottee/Tribe Name	Well Pad Name Bilbrey 34/27 W00B & W0PA Fed Com wells	Well Pad Number 3	ID 10400061882

Bilbrey_34_27_W00B_Fed_Com_2H_480_TVD_20210615110556.pdf

Bilbrey_34_27_W00B_Fed_Com_2H_WB_Diagram_20210628162752.xlsx

Mewbourne Oil Company

Well Name: Bilbrey 34/27 W00B Fed Com #2H

Updated by: Andy Taylor

Spud Date: 1/3/2021

Date Updated: 6/4/2021

Surface

17 1/2" x 13 3/4" 54.5# J55
Set @ 1002'
Cmt w/ 825 sx
Circ. 97 sx to pit

Intermediate

12 3/4" x 9 3/4" 40# HCL80
Set @ 4768'
Cmt w/ 1125 sx
Circ. 236 sx to pit

Production

8 3/4" x 7" 29# HCP110
Set @ 12,400'
Cmt w/ 825 sx
TOC @ 4000' (est.)

Liner

6 1/8" x 4 1/2" 13.5# HCP110
Set @ 11,324' - 22,199'
Cmt w/ 875 sx
TOC @ 11,324'

KOP @ 11,398'
Dev @ KOP: 0.10°

TVD @ 12,002'
TD 6 1/8" hole @ 22,200'

TBG Detail:			
1	2 7/8" Sub w/ P/O Plug	6.20'	6.2
1	2 7/8" x 7" AS 1X Pkr	11.00'	11
1	2 7/8" SN & Collar	1.10'	1.1
1	2 7/8" x 3 1/2" X/O	0.50'	0.5
1	3 1/2" 9.3# L80 IPC tbg	32.91'	32.91
1	3 1/2" L80 IPC GLV #1	4.10'	4.1
23	3 1/2" 9.3# L80 IPC tbg	757.08'	757.08
1	3 1/2" L80 IPC GLV #2	4.10'	4.1
26	3 1/2" 9.3# L80 IPC tbg	855.20'	855.2
1	3 1/2" L80 IPC GLV #3	4.10'	4.10'
26	3 1/2" 9.3# L80 IPC tbg	855.17'	855.17'
1	3 1/2" L80 IPC GLV #4	4.10'	4.10'
26	3 1/2" 9.3# L80 IPC tbg	850.31'	850.31'
1	3 1/2" L80 IPC GLV #5	4.10'	4.10'
26	3 1/2" 9.3# L80 IPC tbg	857.26'	857.26'
1	3 1/2" L80 IPC GLV #6	4.10'	4.10'
26	3 1/2" 9.3# L80 IPC tbg	852.06'	852.06'
1	3 1/2" L80 IPC GLV #7	4.10'	4.10'
26	3 1/2" 9.3# L80 IPC tbg	851.08'	851.08'
1	3 1/2" L80 IPC GLV #8	4.10'	4.10'
26	3 1/2" 9.3# L80 IPC tbg	854.37'	854.37'
1	3 1/2" L80 IPC GLV #9	4.10'	4.10'
26	3 1/2" 9.3# L80 IPC tbg	855.14'	855.14
1	3 1/2" L80 IPC GLV #10	4.10'	4.10'
26	3 1/2" 9.3# L80 IPC tbg	855.30'	855.30'
1	3 1/2" L80 IPC GLV #11	4.10'	4.10'
26	3 1/2" 9.3# L80 IPC tbg	855.93'	855.93
1	3 1/2" L80 IPC GLV #12	4.10'	4.10'
57	3 1/2" 9.3# L80 IPC tbg	1871.30'	1871.30'
1	3 1/2" 9.3# L80 IPC sub	4.10'	4.10'
Total tbg		11273.61'	11273.61'
KB Correction		28.00'	
Tbg set @		11301.61'	

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 34360

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 34360
	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
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 34360

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 34360
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	8/19/2021