

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator MEWBOURNE OIL COMPANY Contact: JACKIE LATHAN
E-Mail: jlathan@mewbourne.com

3. Address P O BOX 5270 HOBBS, NM 88241 3a. Phone No. (include area code)
Ph: 575-393-5905

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NENE 50FNL 330FEL 32.209839 N Lat, 104.222183 W Lon
At top prod interval reported below NENE 432FNL 351FEL 32.208950 N Lat, 104.221687 W Lon
At total depth SESE 333FSL 386FEL 32.196430 N Lat, 104.222244 W Lon

5. Lease Serial No. NMNM112268

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. ARCHDUKE 19 W2AP FED COM 1H

9. API Well No. 30-015-44462-00-S1

10. Field and Pool, or Exploratory BLACK RIVER-WOLFCAMP

11. Sec., T., R., M., or Block and Survey or Area Sec 19 T24S R27E Mer NMP

12. County or Parish EDDY 13. State NM

14. Date Spudded 11/20/2017 15. Date T.D. Reached 12/15/2017 16. Date Completed
☐ D & A ☒ Ready to Prod. 03/20/2018

17. Elevations (DF, KB, RT, GL)* 3242 GL

18. Total Depth: MD 14595 TVD 9982 19. Plug Back T.D.: MD 14560 TVD 9981 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CCL GR CNL&CBL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	467		500	119	0	
12.250	9.625 N80	40.0	0	1995		475	169	0	
8.750	7.000 HCP110	26.0	0	10152		803	349	0	
6.125	4.500 HCP110	13.5	9397	14555		300	133	0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	8830	14595	10095 TO 14555	0.390	972	OPEN - Wolfcamp
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
10095 TO 14555	11,018,700 GAL SLICKWATER, CARRYING 5,952,042# LOCAL 100 MESH SAND & 3,335,980# 40/70 WHITE SAND

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10095 TO 14555	11,018,700 GAL SLICKWATER, CARRYING 5,952,042# LOCAL 100 MESH SAND & 3,335,980# 40/70 WHITE SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/20/2018	03/31/2018	24	→	356.0	2166.0	2717.0	52.5		FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
28/64	SI	2800.0	→	356	2166	2717	6084	PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #410341 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation Due: 9/20/2018

RECEIVED
OCD Artesia
JUL 11 2018
DISTRICT II-ARTESIA O.C.D.ACCEPTED FOR RECORD
JUL - 1 2018
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
WOLFCAMP	8830	14595	OIL, & GAS	CASTILE BASE OF SALT DELAWARE BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING WOLFCAMP	380 1840 2060 2160 2920 3980 5590 8830

32. Additional remarks (include plugging procedure):
Logs will be sent my mail.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #410341 Verified by the BLM Well Information System.
For MEWBOURNE OIL COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 04/11/2018 (18DW0129SE)

Name (please print) JACKIE LATHAN

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 04/04/2018

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.

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

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

RECEIVED

JUL 11 2018
DISTRICT II-ARTESIA O.C.D.

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44462	² Pool Code 98220	³ Pool Name Purple Sage, Wolfcamp (Gas)
⁴ Property Code 320578	⁵ Property Name ARCHDUKE 19 W2AP FEDERAL	
⁷ GRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 1H
		⁹ Elevation 3242'

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	19	24S	27E		50	NORTH	330	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	19	24S	27E		333	SOUTH	386	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.

<p>¹⁶ GEODETIC DATA NAD 27 GRID - NM EAST</p> <p>SURFACE LOCATION N 440033.6 - E 534531.4 LAT: 32.20972006° N LONG: 104.22168500° W</p> <p>BOTTOM HOLE N 435155.9 - E 534516.4 LAT: 32.19631132° N LONG: 104.22174971° W</p> <p>CORNER DATA NAD 27 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1968" N 434777.8 - E 529634.0</p> <p>B: FOUND BRASS CAP "1968" N 437407.6 - E 529639.7</p> <p>C: FOUND BRASS CAP "1968" N 440057.9 - E 529639.7</p> <p>D: FOUND 1" IRON PIPE N 440062.0 - E 532222.7</p> <p>E: FOUND 1/2" IRON ROD N 440086.6 - E 534861.4</p> <p>F: FOUND NAIL & STONE PILE N 434825.9 - E 534845.4</p> <p>G: FOUND 1/2" REBAR & STONES N 434826.6 - E 532206.6</p>		<p>DETAIL "A"</p> <p>3257.1' 600' 3233.7'</p> <p>3251.2' 600' 3244.1'</p> <p>S. L.</p>	<p>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.</p> <p>Signature: <u>Jackie Lathan</u> 3/28/18 Printed Name: <u>Jackie Lathan</u></p> <p>E-mail Address: _____</p>
<p>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.</p> <p>2-07-2017 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: <u>Robert M. Howett</u></p> <p>19680 Certificate Number</p>		<p>ROBERT M. HOWETT NEW MEXICO 19680 PROFESSIONAL SURVEYOR</p>	