

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

NM OIL CONSERVATION  
ARTESIA DISTRICT

Form C-104  
Revised August 1, 2011

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

APR 11 2018

Submit one copy to appropriate District Office

RECEIVED ☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88240		<sup>2</sup> OGRID Number 14744
		<sup>3</sup> Reason for Filing Code/ Effective Date NW / 03/20/18
<sup>4</sup> API Number 30 - 015-44462	<sup>5</sup> Pool Name Purple Sage, Wolfcamp (Gas)	<sup>6</sup> Pool Code 98220
<sup>7</sup> Property Code 320578	<sup>8</sup> Property Name Archduke 19 W2AP Fed Com	<sup>9</sup> Well Number 1H

II. <sup>10</sup> 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

<sup>11</sup> 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
P	19	24S	27E		333	South	386	East	Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code Flowing	<sup>14</sup> Gas Connection Date 03/20/18	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
248440	Western Refining Company 212 N Clark Street El Paso, TX 79905	O
327139	Sendero Midstream 1000 Louisiana Street STE 6900 Houston, TX 77002	G

IV. Well Completion Data

We are asking for an exemption from tubing at this time.

<sup>21</sup> Spud Date 11/20/17	<sup>22</sup> Ready Date 03/20/18	<sup>23</sup> TD 14595' / 9982'	<sup>24</sup> PBTB 14560'	<sup>25</sup> Perforations 10095' - 14555'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17 1/2"	13 3/8"	467'	500	/	
12 1/4"	9 5/8"	1995'	475	/	
8 3/4"	7"	10152'	803	/	
6 1/8"	4 1/2"	9397' - 14555'	300		

V. Well Test Data

<sup>31</sup> Date New Oil 03/23/18	<sup>32</sup> Gas Delivery Date 03/20/18	<sup>33</sup> Test Date 03/31/18	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg Pressure NA	<sup>36</sup> Csg Pressure 2800
<sup>37</sup> Choke Size 28/64	<sup>38</sup> Oil 356	<sup>39</sup> Water 2717	<sup>40</sup> Gas 2166		<sup>41</sup> Test Method Producing

<sup>42</sup> 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 *Jackie Lathan*  
Printed name Jackie Lathan  
Title Regulatory  
E-mail Address jlathan@mewbourne.com  
Date 04/04/18 Phone 575-393-5905

OIL CONSERVATION DIVISION

Approved by *Raymond J. Padany*  
Title *Geologist*  
Approval Date *4-12-2018*  
Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION

ARTESIA DISTRICT

APR 11 2018

FORM APPROVED  
OMB No 1004-0137  
Expires July 31 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

**RECEIVED**

1a Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5 Lease Serial No NMNM112268	
b Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resvr Other _____		6 If Indian, Allottee or Tribe Name	
2 Name of Operator MEWBOURNE OIL COMPANY		7 Unit or CA Agreement Name and No	
Contact JACKIE LATHAN E-Mail jlathan@mewbourne.com		8 Lease Name and Well No ARCHDUKE 19 W2AP FED COM 1H	
3 Address PO BOX 5270 HOBBS, NM 88241		9 API Well No 30-015-44462	
3a Phone No (include area code) Ph 575-393-5905		10 Field and Pool, or Exploratory PURPLE SAGE WOLFCAMP GAS	
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE 50FNL 330FEL At top prod interval reported below NENE 432FNL 351FEL At total depth SESE 333FSL 386FEL		11 Sec, T, R, M, or Block and Survey or Area Sec 19 T24S R27E Mer NMP	
14 Date Spudded 11/20/2017		15 Date T D Reached 12/15/2017	
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 03/20/2018		17 Elevations (DF, KB, RT, GL)* 3242 GL	
18 Total Depth MD TVD 14595 9982		19 Plug Back T D MD TVD 14560 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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Sks & 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
B)						
C)						
D)						

26 Perforation Record

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 SI	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 SI	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

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OF

Pending BLM approvals will subsequently be reviewed and scanned

SC 4-16-18

## 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

Name (please print) JACKIE LATHAN

Title REGULATORY

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

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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*

FORM APPROVED  
OMB NO 1004-0137  
Expires January 31, 2018

5 Lease Serial No  
NMNM112268

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  
ARCHDUKE 19 W2AP FED COM 1H

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

9 API Well No  
30-015-44462

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  
PURPLE SAGE WOLFCAMP GAS

4 Location of Well (Footage Sec T R M or Survey Description)  
Sec 19 T24S R27E Mer NMP NENE 50FNL 330FEL

11 County or Parish State  
EDDY COUNTY, NM

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

**TYPE OF SUBMISSION**

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

- ☐ Acidize  
☐ Alter Casing  
☐ Casing Repair  
☐ Change Plans  
☐ Convert to Injection

**TYPE OF ACTION**

- ☐ Deepen  
☐ Hydraulic Fracturing  
☐ New Construction  
☐ Plug and Abandon  
☐ Plug Back  
☐ Production (Start/Resume)  
☐ Reclamation  
☐ Recomplete  
☐ Temporarily Abandon  
☐ Water Disposal

- ☐ Water Shut-Off  
☐ Well Integrity  
☒ Other

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 recompleat 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 recompleat 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.

03/06/18 Frac Wolfcamp from 10095' MD (9928' TVD) to 14555' MD (9982' TVD) 972 holes, 0 39" EHD,  
120 degree phasing Frac in 28 stages w/11,018,700 gals slickwater, carrying 5,952,042# local 100  
Mesh sand & 3,335,980# 40/70 white sand

Flowback well for cleanup

03/20/18 PWOL for production

We are asking for an exemption from tubing at this time

Bond on file NM1693 nationwide & NMB000919

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

APR 11 2018

RECEIVED

14 I hereby certify that the foregoing is true and correct

Electronic Submission #410346 verif  
For MEWBOURNE OIL CC

by the BLM Well Information System  
ANY, sent to the Carlsbad

Name (Printed/Typed) JACKIE LATHAN

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 04/04/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

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 known States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Pending BLM approvals will  
subsequently be reviewed  
and scanned

United

(Instructions on page 2)

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

**Additional data for EC transaction #410346 that would not fit on the form**

**32 Additional remarks, continued**

Bond on file 22015694 nationwide & 022041703 Statewide