

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

RECEIVED

Form C-104  
Revised August 1, 2011

Submit one copy to appropriate District Office

DISTRICT II-ARTESIA, NM  
RECOMMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		<sup>2</sup> OGRID Number 14744
		<sup>3</sup> Reason for Filing Code/ Effective Date NW / 06/04/2019
<sup>4</sup> API Number 30 - 015 - 45639	<sup>5</sup> Pool Name Walters Lake; Bone Spring	<sup>6</sup> Pool Code 62685
<sup>7</sup> Property Code 323188	<sup>8</sup> Property Name Gemini 36/35 B2PO Fed Com	<sup>9</sup> Well Number 1H

II. <sup>10</sup> Surface Location

UL or lot no. P	Section 36	Township 17S	Range 30E	Lot Idn	Feet from the 330	North/South Line South	Feet from the 205	East/West line East	County Eddy
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<sup>11</sup> Bottom Hole Location

UL or lot no. O	Section 35	Township 17S	Range 30E	Lot Idn	Feet from the 637	North/South line South	Feet from the 2539	East/West line East	County Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code Flowing	<sup>14</sup> Gas Connection Date 06/04/19	<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
174238	Enterprise Crude Oil, LLC 4600 W Hwy 80 Midland, TX 79706	O
371960	Lucid Energy Group 3100 McKinnon Suite 800 Dallas, TX 75201	G

IV. Well Completion Data

<sup>21</sup> Spud Date 01/30/19	<sup>22</sup> Ready Date 06/04/19	<sup>23</sup> TD 15505' MD	<sup>24</sup> PBDT 15475'	<sup>25</sup> Perforations 8089' - 15465'	<sup>26</sup> DHC, MC NA
<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"	418'	500		
12 1/4"	9 5/8"	1885'	750		
8 3/4"	7"	8093'	775		
6 1/8"	4 1/2" 2 7/8"	7400' - 15465' 7360'	450		

V. Well Test Data

<sup>31</sup> Date New Oil 06/04/19	<sup>32</sup> Gas Delivery Date 06/04/19	<sup>33</sup> Test Date 6/24/19	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure 280	<sup>36</sup> Csg. Pressure 1100
<sup>37</sup> Choke Size NA	<sup>38</sup> Oil 391	<sup>39</sup> Water 2054	<sup>40</sup> Gas 49		<sup>41</sup> Test Method Production

<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:

Printed name:  
Jackie Lathan

Title:  
Regulatory

E-mail Address:  
jlathan@mewbourne.com

Date:  
06/24/19

Phone:  
575-393-5905

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Pending BLM approvals will  
subsequently be reviewed  
and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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.*

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM0384574
2. Name of Operator MEWBOURNE OIL COMPANY		6. If Indian, Allottee or Tribe Name
Contact: JACKIE LATHAN E-Mail: jlathan@mewbourne.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address PO BOX 5270 HOBBS, NM 88241	3b. Phone No. (include area code) Ph: 575-393-5905	8. Well Name and No. GEMINI 36/35 B2PO FED COM 1H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 36 T17S R30E Mer NMP SESE 330FSL 205FEL		9. API Well No. 30-015-45639
		10. Field and Pool or Exploratory Area WALTERS LAKE; BONE SPRING
		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	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Hydraulic Fracture
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 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.

05/17/19

Frac Horizontal Bone Spring from 8089' MD (7885' TVD) to 15465' MD (7704' TVD). 1260 holes, 0.39" EHD, 120 deg phasing. Frac in 36 stages w/15,061,956 gals of SW, carrying 7,252,100# Local 100 Mesh Sand & 7,289,420#, 40/70 Local sand.

Flowback well for cleanup.

06/04/19 Put well on production.

06/12/2019 RIH w/2 7/8" 6.5# L80 tbg & GLV's to 7360'.

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JUN 28 2019

DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #470323 verified by the BLM Well Information System For MEWBOURNE OIL COMPANY, sent to the Carlsbad</b>	
Name (Printed/Typed) JACKIE LATHAN	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 06/24/2019

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

Approved By _____	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.	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person to knowingly make any false, fictitious or fraudulent statements or representations as to any matter within the jurisdiction of the Department or agency of the United States.	

Pending BLM approvals will  
subsequently be reviewed  
and scanned

(Instructions on page 2)

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

**Additional data for EC transaction #470323 that would not fit on the form**

**32. Additional remarks, continued**

Bond on file: NM1693 nationwide & NMB000919

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JUN 28 2019

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT DISTRICT II-ARTESIA O.C.D.FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMNM57261		
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 MEWBORNE OIL COMPANY			Contact: JACKIE LATHAN E-Mail: jlathan@mewbourne.com		
3. Address PO 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 SESE 330FSL 205FEL Sec 36 T17S R30E Mer At top prod interval reported below SESE 680FSL 405FEL Sec 36 T17S R30E Mer NMP At total depth SWSE 637FSL 2539FEL Sec 35 T17S R30E Mer NMP			8. Lease Name and Well No. GEMINI 36/35 B2PO FED COM 1H		
14. Date Spudded 01/30/2019			15. Date T.D. Reached 02/28/2019		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/04/2019			9. API Well No. 30-015-45639		
18. Total Depth: MD 15505 TVD 7700			19. Plug Back T.D.: MD 15475 TVD 7700		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory WALTERS LAKE; BONE SPRING		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) EXEMPT FROM LOGGING			11. Sec., T., R., M., or Block and Survey or Area Sec 36 T17S R30E Mer		
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)			12. County or Parish EDDY		
			13. State NM		
			17. Elevations (DF, KB, RT, GL)* 3593 GL		

## 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	418		500	119	0	
12.250	9.625 N80	40.0	0	1636		0	0	0	
8.750	7.000 HCP110	26.0	0	8093		775	266	0	
12.250	9.625 J55	36.0	1636	1885		750	240	0	
6.125	4.500 HCP110	13.5	7400	15465		450	207	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)
2.875	7360							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	4934	15505	8089 TO 15465	0.390	1260	OPEN
B)						
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
8089 TO 15465	15,061,956 GALS SLICKWATER CARRYING 7,252,100# LOCAL 100 MESH SAND & 7,289,420# LOCAL 40/70 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
06/04/2019	06/24/2019	24	→	391.0	49.0	2054.0	37.9		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	
	280	1100.0	→	391	49	2054	125	POW	

## 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	
			→						

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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

ELECTRONIC SUBMISSION #470344 VERIFIED BY THE BLM WELL INFORMATION

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

\*\* OPERATOR-SUBMITTED \*\*

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
BONE SPRING	4934	15505	OIL & GAS	RUSTLER CASTILE B/SALT YATES QUEEN GRAYBURG SAN ANDRES BONE SPRING	334 567 1500 1646 2656 3043 3486 4934

32. Additional remarks (include plugging procedure):  
 Exempt from logging.

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 #470344 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 06/24/2019

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.

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