

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<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 New Well / 09/08/16
<sup>4</sup> API Number 30 - 015-43786	<sup>5</sup> Pool Name Palmillo Bone Spring East	<sup>6</sup> Pool Code 49553
<sup>7</sup> Property Code 316224	<sup>8</sup> Property Name Pavo Macho 31 B2MP Fed	<sup>9</sup> Well Number 1H

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

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	31	18S	29E		450	South	215	West	Eddy

<sup>11</sup> Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	31	18S	29E		492	South	350	East	Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code ESP	<sup>14</sup> Gas Connection Date 08/30/16	<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
278421	Holly Refining & Marketing PO Box 159 Artesia, NM 88210	O
151618	Enterprise Field Services PO Box 4503 Houston, TX 77210	G
NM OIL CONSERVATION ARTESIA DISTRICT SEP 16 2016 RECEIVED		

IV. Well Completion Data

<sup>21</sup> Spud Date 06/27/16	<sup>22</sup> Ready Date 09/08/16	<sup>23</sup> TD 11914' 7621	<sup>24</sup> PBDT 11911'	<sup>25</sup> Perforations 7627' - 11905'	<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"	293'	475		
12 1/4"	9 5/8"	1148'	400		
8 3/4"	5 1/2"	11914'	2425		
	2 7/8"	7368'			

V. Well Test Data

<sup>31</sup> Date New Oil 09/08/16	<sup>32</sup> Gas Delivery Date 09/08/16	<sup>33</sup> Test Date 09/09/16	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure 350	<sup>36</sup> Csg. Pressure 240
<sup>37</sup> Choke Size NA	<sup>38</sup> Oil 598	<sup>39</sup> Water 615	<sup>40</sup> Gas 690	<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: Jackie Lathan

Printed name:  
Jackie Lathan

Title:  
Regulatory

E-mail Address:  
jlathan@mewbourne.com

Date:  
09/14/16

Phone:  
575-393-5905

OIL CONSERVATION DIVISION

Approved by: Karen Sharp

Title: Bus Ops Spec-Adv

Approval Date: 9-16-16

Pending BLM approvals will  
subsequently be reviewed  
and scanned

# NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP 16 2016

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM56426

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other				6. If Indian, Allottee or Tribe Name	
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 _____				7. Unit or CA Agreement Name and No.	
2. Name of Operator MEWBOURNE OIL COMPANY				8. Lease Name and Well No. PAVO MACHO 31 B2MP FED 1H	
3. Address PO BOX 5270 HOBBS, NM 88241				9. API Well No. 30-015-43786	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 31 T18S R29E Mer SWSW 450FSL 215FWL At top prod interval reported below Sec 31 T18S R29E Mer NMP SWSW 422FSL 350FEL At total depth SESE 492FSL 350FEL				10. Field and Pool, or Exploratory PALMILLO EAST BONE SPRING	
14. Date Spudded 06/27/2016				15. Date T.D. Reached 07/14/2016	
16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 09/08/2016				17. Elevations (DF, KB, RT, GL)* 3389 GL	
18. Total Depth: MD TVD 11914 7668		19. Plug Back T.D.: MD TVD 11911 7671		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR, CNL, CCL, 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 N80	40.0	0	164		0	0	0	
17.500	13.375 J55	54.5	0	293		475	130	0	
8.750	5.500 P110	17.0	0	11914		2425	782	0	
12.250	9.625 J55	36.0	164	1148		400	71	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	7368							

### 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	3403	11914	7627 TO 11905	0.420	912	OPEN
B)						
C)						
D)						

### 26. Perforation Record

Depth Interval	Amount and Type of Material
7627 TO 11905	5,406,114 GALS SLICKWATER CARRYING 3,675,260# 100 MESH SAND & 2,259,120# 30/50 WHITE SAND

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/08/2016	09/09/2016	24	→	598.0	690.0	615.0	40.3	0.72	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
NA	350	240.0	→	598	690	615	1154	POW	

### 28a. Production - Interval B

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

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #351108 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* 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 Mcas. Depth
BONE SPRING SAND	3403	11914	OIL, WATER & GAS	T/SALT B/SALT YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES BONE SPRING	434 670 823 1196 1743 2096 2635 3403

## 32. Additional remarks (include plugging procedure):

Logs will be sent by 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 #351108 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 09/14/2016

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 \*\***