

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 NW / 01/25/18
<sup>4</sup> API Number 30 - 015-43784	<sup>5</sup> Pool Name Palmillo; Bone Spring East	<sup>6</sup> Pool Code 49553
<sup>7</sup> Property Code 316223	<sup>8</sup> Property Name Pavo Macho 31/32 B2EH 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
2	31	18S	29E		1980	North	185	West	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
H	32	18S	29E		2299	North	333	East	Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code Flowing	<sup>14</sup> Gas Connection Date 01/25/18	<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
278421	Holly Refining & Marketing PO Box 159 Artesia, NM 88210	O
151618	Enterprise Field Services PO Box 4503 Houston, TX 77210	G
<b>NM OIL CONSERVATION</b> ARTESIA DISTRICT FEB 05 2018 RECEIVED		

**IV. Well Completion Data**

<sup>21</sup> Spud Date 11/11/17	<sup>22</sup> Ready Date 01/25/18	<sup>23</sup> TD 17170' / 17200'	<sup>24</sup> PBDT 17131'	<sup>25</sup> Perforations 7740' - 17125'	<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'	325 ✓		
12 1/4"	9 5/8"	1125'	350 ✓		
8 3/4"	7"	7875'	850 ✓		
6 1/8"	4 1/2"	7005' - 17125'	500 ✓		
	2 7/8"	6969'			

**V. Well Test Data**

<sup>31</sup> Date New Oil 01/26/18	<sup>32</sup> Gas Delivery Date 01/25/18	<sup>33</sup> Test Date 1/31/18	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure 400	<sup>36</sup> Csg. Pressure 1050
<sup>37</sup> Choke Size NA	<sup>38</sup> Oil 347	<sup>39</sup> Water 1932	<sup>40</sup> Gas 292	<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:  
02/01/18

Phone:  
575-393-5905

OIL CONSERVATION DIVISION	
Approved by: <i>Raymond H. Bodanz</i>	Title: <i>Geologist</i>
Approval Date: 2-12-2018	

Pending BLM approvals will subsequently be reviewed and scanned

FEB 05 2018

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM 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 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 Sec 31 T18S R29E Mer NMP SWNW 1980FNL 185FWL  
 At top prod interval reported below Sec 31 T18S R29E Mer NMP SWNW 2005FNL 564FWL  
 At total depth Sec 32 T18S R29E Mer NMP SENE 2299FNL 333FEL

5. Lease Serial No. NMMN56426

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. PAVO MACHO 31/32 B2EH FED COM #1H

9. API Well No. 30-015-43784

10. Field and Pool, or Exploratory PALMILLO BONE SPRING EAST

11. Sec., T., R., M., or Block and Survey or Area Sec 31 T18S R29E Mer NMP

12. County or Parish EDDY 13. State NM

14. Date Spudded 11/11/2017 15. Date T.D. Reached 12/01/2017 16. Date Completed  D & A  Ready to Prod. 01/25/2018

17. Elevations (DF, KB, RT, GL)\* 3405 GL

18. Total Depth: MD 17170 TVD 7700 19. Plug Back T.D.: MD 17131 TVD 7700 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
12.250	9.625 N80	36.0	0	125		0	0	0	
17.500	13.375 J55	54.5	0	293		325	78	0	
8.750	7.000 HCP110	26.0	0	7875		850	294	0	
12.250	9.625 J55	40.0	125	1125		350	103	0	
6.125	4.500 HCP110	13.5	7005	17125		500	263	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	6969							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7304	17170	7740 TO 17125	0.390	1084	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7740 TO 17125	18,399,275 GAL SLICKWATER, CARRYING 12,930,100# 100 MESH SAND & 6,162,500# 30/50 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
01/25/2018	01/31/2018	24	→	347.0	292.0	1932.0	36.4	0.70	GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	400	1050.0	→	347	292	1932	841	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	
			→						

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

ELECTRONIC SUBMISSION #402996 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
 \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

Pending BLM approvals will subsequently be reviewed and scanned

BC 2-13-18

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.*

5. Lease Serial No.  
NMNM56426

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**

8. Well Name and No.  
PAVO MACHO 31/32 B2EH FED COM 1H

1. Type of Well  
 Oil Well  Gas Well  Other

9. API Well No.  
30-015-43784

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

10. Field and Pool or Exploratory Area  
PALMILLO EAST BONE SPRING

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

11. County or Parish, State  
EDDY COUNTY, NM

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 31 T18S R29E Mer NMP SWNW 1980FNL 185FWL

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
	<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 recomplete 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 recompletion 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.

01/13/18 Frac 2nd Bone Spring from 7740' MD (7551 TVD) to 17125' MD (7700 TVD). 1084 holes, 0.39" EHD, 180 degree phasing. Frac in 40 stages w/18,399,275 gals slickwater, carrying 12,930,100# 100 Mesh sand & 6,162,500# 30/50 white sand.

Flowback well for cleanup.

01/23/2018 RIH w/2 7/8" 6.5# L80 tbg & GLVs to 6969'

01/25/2018 PWOL for production.

Bond on file: NM1693 nationwide & NMB000919

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
FEB 05 2018  
RECEIVED

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #402933 verified by the BLM Well Information System For MEWBOURNE OIL COMPANY, sent to the Carlsbad**

Name (Printed/Typed) JACKIE LATHAN	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 02/01/2018

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

Approved By _____	Title _____	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.

Office \_\_\_\_\_  
Pending BLM approvals will subsequently be reviewed and scanned  
United \_\_\_\_\_

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly to make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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

bc 2-13-18

**Additional data for EC transaction #402933 that would not fit on the form**

**32. Additional remarks, continued**

Bond on file: 22015694 nationwide & 022041703 Statewide