

District I  
1625 W. 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 88241		<sup>2</sup> OGRID Number 14744
		<sup>3</sup> Reason for Filing Code/ Effective Date New Well / 09/08/18
<sup>4</sup> API Number 30 - 015 - 44816	<sup>5</sup> Pool Name Russell Bone Spring	<sup>6</sup> Pool Code 52805
<sup>7</sup> Property Code 321020	<sup>8</sup> Property Name Derringer 18 B3MP Federal	<sup>9</sup> Well Number 2H

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

UL or lot no. M	Section 18	Township 20S	Range 29E	Lot Idn 4	Feet from the 290	North/South Line South	Feet from the 475	East/West line West	County Eddy
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<sup>11</sup> Bottom Hole Location

UL or lot no. P	Section 18	Township 20S	Range 29E	Lot Idn	Feet from the 451'	North/South line South	Feet from the 331'	East/West line East	County Eddy
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<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code Gas Lift	<sup>14</sup> Gas Connection Date 09/08/18	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
35246	Plains Marketing 3514 Lovington Hwy Hobbs, NM 88240	O
151618	Enterprise Field Services PO Box 4503 Houston, TX 77210	G
NM OIL CONSERVATION ARTESIA DISTRICT SEP 21 2018 RECEIVED		

IV. Well Completion Data

<sup>21</sup> Spud Date 04/20/18	<sup>22</sup> Ready Date 09/08/18	<sup>23</sup> TD 13350' / 9017	<sup>24</sup> PBSD 13310'	<sup>25</sup> Perforations 9103' - 13300'	<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		
26"	20"	377'	775 - cur		
17 1/2"	13 3/4"	1120'	900 - cur		
12 1/4"	9 5/8"	3057'	700 900 cur		
8 3/4" 6 1/8"	7" 4 1/2" 2 7/8"	9100' 8424' - 13300' 8382'	1100 300		

V. Well Test Data

<sup>31</sup> Date New Oil 09/08/18	<sup>32</sup> Gas Delivery Date 09/08/18	<sup>33</sup> Test Date 9/10/18	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure 250	<sup>36</sup> Csg. Pressure 0
<sup>37</sup> Choke Size NA	<sup>38</sup> Oil 433	<sup>39</sup> Water 2290	<sup>40</sup> Gas 1094		<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: 09/20/18  
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: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM01165

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. DERRINGER 18 B3MP FEDERAL 2H		
3. Address PO BOX 5270 HOBBS, NM 88241			9. API Well No. 30-015-44816		
4. Location of Well (Report location clearly and in accordance with Federal requirements) Sec 18 T20S R29E Mer At surface SWSW Lot 4 290FSL 475FWL 32.567042 N Lat, 104.120731 W Lon Sec 18 T20S R29E Mer NMP At top prod interval reported below Sec 18 T20S R29E Mer NMP At total depth SESE 451FNL 331FEL			10. Field and Pool, or Exploratory RUSSEL BONE SPRING		
14. Date Spudded 04/20/2018			15. Date T.D. Reached 05/12/2018		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/08/2018			17. Elevations (DF, KB, RT, GL)* 3253 GL		
18. Total Depth: MD TVD 13350 9017		19. Plug Back T.D.: MD TVD 13310 9017		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CCL, CNL, CBL & GR			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
P 8.750	7.000 HCP110	21# 29.0	0	9100		C 1100	0	0	
12.250	9.625 L80/N80	40.0	0	121			0	0	
S 26.000	20.000 J55	94.0	0	377		C 775	227	0	
II 17.500	13.375 J55	54.5	0	1120		C 900	266	0	
12.250	9.625 J55	30.0	121	2929			0	0	
II 12.250	9.625 L80	40.0	2929	3057		C 900	265	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	8382				6.125"/4.50"	13.5	13300'	300 SKS C

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	5468	13350	9103 TO 13300	0.390	720	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9103 TO 13300	7,866,012 GALS SLICKWATER CARRYING 5,616,884# LOCAL 100 MESH SAND & 2,694,157 LOCAL 40/70 LOCAL 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
09/08/2018	09/10/2018	24	→	433.0	1094.0	2290.0	46.8	0.78	GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
NA	250	0.0	→	433	1094	2290	2527	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 #436172 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Pending BLM approvals will subsequently be reviewed and scanned

ED \*\*

9-21-18

## 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
BONE SPRING	5468	13350	OIL, WATER & GAS	T/SALT B/SALT YATES CAPITAN DELAWARE BONE SPRING	522 737 860 1091 3016 5468

32. Additional remarks (include plugging procedure):  
Additional csg info.

8.75" hole, 7" csg, HCP110, 26#, 38' to 9100', 1100 sks cmt, slurry @ 308, cmt top @ 2757'

6 1/8" hole, 4.5" csg, HCP110, 13.5#, TOL @ 8424' Bottom @ 13300'. 300 sks cmt, slurry @ 126, TOC @ surface.

## 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 #436172 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 09/20/2018

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 \*\***

**Additional data for transaction #436172 that would not fit on the form**

**32. Additional remarks, continued**

Logs will be sent by mail.

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**

5. Lease Serial No. <b>NMNM01165</b>
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. <b>DERRINGER 18 B3MP FEDERAL 2H</b>
9. API Well No. <b>30-015-44816</b>
10. Field and Pool or Exploratory Area <b>RUSSELL BONE SPRING</b>
11. County or Parish, State <b>EDDY COUNTY, NM</b>

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator <b>MEWBOURNE OIL COMPANY</b>	
Contact: <b>JACKIE LATHAN</b> E-Mail: <b>jlathan@mewbourne.com</b>	
3a. Address <b>PO BOX 5270 HOBBS, NM 88241</b>	3b. Phone Number (include area code) <b>575-342-1111</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Sec 18 T20S R29E Mer NMP SWSW 290FSL 475FWL 32.567042 N Lat, 104.120731 W Lon</b>	

**NM OIL CONSERVATION  
ARTESIA DISTRICT**

**SEP 21 2018**

**RECEIVED**

**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.

08/27/18 Frac Bone Springs from 9103' MD (8934' TVD) to 13300' MD (9017' TVD). 720 holes, 0.39" EHD, 120 degree phasing. Frac in 21 stages w/7,866,012 gals slickwater, carrying 5,616,884# Local 100 Mesh Sand & 2,694,157# 40/70 local Sand.

Flowback well for cleanup.

09/07/18 RIH w/2 7/8" 6.5# L80 tbg & GLVs to 8382'

09/08/18 PWOL for production.

Bond on file: NM1693 nationwide & NMB000919

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #436173 verified by the BLM Well Information System For MEWBOURNE OIL COMPANY, sent to the Carlsbad</b>	
Name (Printed/Typed) <b>JACKIE LATHAN</b>	Title <b>AUTHORIZED REPRESENTATIVE</b>
Signature (Electronic Submission)	Date <b>09/20/2018</b>

**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 _____

*Pending BLM approvals will  
subsequently be reviewed  
and scanned*

*9-21-18*

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

(Instructions on page 2)

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

**Additional data for EC transaction #436173 that would not fit on the form**

**32. Additional remarks, continued**

Bond on file: 22015694 nationwide & 022041703 Statewide