

District I  
1625 1/2 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<br>Mewbourne Oil Company<br>PO Box 5270<br>Hobbs, NM 88241 |  | <sup>2</sup> OGRID Number<br>14744   |
|   |  | <sup>3</sup> Reason for Filing Code/ Effective Date<br>New Well / 08/23/14 |
| <sup>4</sup> API Number<br>30 - 015 - 42185   | <sup>5</sup> Pool Name<br>Loco Hills; Bone Spring East | <sup>6</sup> Pool Code<br>39513  |
| <sup>7</sup> Property Code<br>40463   | <sup>8</sup> Property Name<br>Leo 15 DA Fed Com        | <sup>9</sup> Well Number<br>1H   |

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

| Ul or lot no.<br>D | Section<br>15 | Township<br>18S | Range<br>30E | Lot Idn | Feet from the<br>330 | North/South Line<br>North | Feet from the<br>370 | East/West line<br>West | County<br>Eddy |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|----------------|
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|----------------|

**<sup>11</sup> Bottom Hole Location**

| UL or lot no.<br>A          | Section<br>15                              | Township<br>18S                               | Range<br>30E                      | Lot Idn                            | Feet from the<br>418                | North/South line<br>North | Feet from the<br>333 | East/West line<br>East | County<br>Eddy |
|-----------------------------|--|---|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|----------------------|------------------------|----------------|
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method Code<br>ESP | <sup>14</sup> Gas Connection Date<br>08/28/14 | <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 |
|---|---|---------------------|
| 35246   | Shell Trading US Co.<br>PO Box 4604<br>Houston, TX 77210-4604                 | O                   |
| 221115  | Frontier Field Services<br>200 E Skelly Drive<br>Suite 700<br>Tulsa, OK 74135 | G                   |
| <b>NM OIL CONSERVATION</b><br>ARTESIA DISTRICT<br>SEP 04 2014<br>RECEIVED |   |                     |

**IV. Well Completion Data**

|                                     |                                      |  |                              |  |                       |
|-------------------------------------|--------------------------------------|--|------------------------------|--|-----------------------|
| <sup>21</sup> Spud Date<br>06/25/14 | <sup>22</sup> Ready Date<br>08/23/14 | <sup>23</sup> TD<br>12649' <b>8303</b> | <sup>24</sup> PBTD<br>12562' | <sup>25</sup> Perforations<br>8775' - 12550' | <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"                              | 416'                                   | 450                          |  |                       |
| 12 1/4"                             | 9 5/8"                               | 1600'                                  | 500                          |  |                       |
| 8 3/4"                              | 7"                                   | 8720'                                  | 1050                         |  |                       |
| 6 1/4"                              | 4 1/2"                               | 12576'                                 | TOL @ 8425                   |  |                       |
|                                     | 2 7/8"                               | 8174'                                  |                              |  |                       |

**V. Well Test Data**

|  |   |                                     |                                     |                                    |                                    |
|--|---|-------------------------------------|-------------------------------------|------------------------------------|------------------------------------|
| <sup>31</sup> Date New Oil<br>08/23/14 | <sup>32</sup> Gas Delivery Date<br>08/28/14 | <sup>33</sup> Test Date<br>09/01/14 | <sup>34</sup> Test Length<br>24 hrs | <sup>35</sup> Tbg. Pressure<br>400 | <sup>36</sup> Csg. Pressure<br>250 |
| <sup>37</sup> Choke Size<br>NA         | <sup>38</sup> Oil<br>897                    | <sup>39</sup> Water<br>528          | <sup>40</sup> Gas<br>851            | <sup>41</sup> Test Method<br>ESP   |                                    |

|   |  |
|---|--|
| <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.<br>Signature: <i>Jackie Lathan</i><br>Printed name: Jackie Lathan<br>Title: Regulatory<br>E-mail Address: jlathan@mewbourne.com<br>Date: 09/02/14<br>Phone: 575-393-5905 | OIL CONSERVATION DIVISION<br>Approved by: <i>T.C. Shepard</i><br>Title: <b>"Geologist"</b><br>Approval Date: <i>9-5-14</i> |
|   | Pending BLM approvals will subsequently be reviewed and scanned<br><i>3160-4</i><br><i>3160-5</i>                          |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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.  
NMNM27278

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
LEO 15 DA FED COM 1H

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

9. API Well No.  
30-015-42185

3a. Address  
PO BOX 5270  
HOBBS, NM 88241

3b. Phone No. (include area code)  
Ph: 575-393-5905

10. Field and Pool, or Exploratory  
BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 15 T18S R30E Mer NMP NWNW 330FNL 370FWL

11. County or Parish, and State  
EDDY COUNTY, NM

**12. CHECK 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"/> Fracture Treat   | <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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

08/19/14 Frac 2nd Bone Spring from 8775' MD (8290' TVD) to 12550' MD (8308' TVD) with 315,210 gals slickwater, 207,480 gals 20# Linear gel, 903,756 gal 20# X-Link gel carrying 72,107# 100 Mesh, 1,620,746# 20/40 white sand & 346,082# 20/40 SB Excel Sand. Flowback well for cleanup.

08/23/14 RIH w/ESP equipment & 2 7/8" 6.5# L80 tbg to 8174'. Put well on production.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

SEP 04 2014

RECEIVED

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #259978 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 09/02/2014

**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  
TCS

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.

to any department or agency of the United States

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

SEP 04 2014

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**

5. Lease Serial No.  
NMNM27278

|   |  |                                      |  |  |                                 |
|---|--|--------------------------------------|--|--|---------------------------------|
| 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.<br>Other _____ |  |                                      | 7. Unit or CA Agreement Name and No.   |  |                                 |
| 2. Name of Operator<br>MEWBOURNE OIL COMPANY  |  |                                      | Contact: JACKIE LATHAN<br>E-Mail: jlathan@mewbourne.com  |  |                                 |
| 3. Address<br>PO BOX 5270<br>HOBBS, NM 88241  |  |                                      | 3a. Phone No. (include area code)<br>Ph: 575-393-5905  |  |                                 |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface NWNW 330FNL 370FWL<br>At top prod interval reported below NWNW 376FNL 1090FWL<br>At total depth NENE 418FNL 333FEL   |  |                                      | 8. Lease Name and Well No.<br>LEO 15 DA FED 1H   |  |                                 |
| 14. Date Spudded<br>06/25/2014  |  |                                      | 15. Date T.D. Reached<br>07/23/2014  |  | 9. API Well No.<br>30-015-42185 |
| 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>08/23/2014   |  |                                      | 17. Elevations (DF, KB, RT, GL)*<br>3518 GL  |  |                                 |
| 18. Total Depth: MD 12649<br>TVD 8303   | 19. Plug Back T.D.: MD 12562<br>TVD 8308 | 20. Depth Bridge Plug Set: MD<br>TVD |  |  |                                 |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>CNL, CCL, CBL & GR   |  |                                      | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>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 |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 17.500    | 13.375 H40 | 48.0        | 0        | 416         | 0                    | 450                         | 107               | 0           | 0             |
| 12.250    | 9.625 J55  | 36.0        | 0        | 1600        | 0                    | 500                         | 165               | 0           | 0             |
| 8.750     | 7.000 P110 | 26.0        | 0        | 8720        | 0                    | 1050                        | 351               | 0           | 0             |
| 6.125     | 4.500 P110 | 13.5        | 8425     | 12576       | 0                    | 0                           | 0                 | 0           | 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 | 8174           | 0                 |      |                |                   |      |                |                   |

25. Producing Intervals

26. Perforation Record

| Formation      | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|----------------|------|--------|---------------------|-------|-----------|--------------|
| A) BONE SPRING | 4277 | 12649  | 8775 TO 12550       | 0.000 | 20        | OPEN         |
| B)             |      |        |                     |       |           |              |
| C)             |      |        |                     |       |           |              |
| D)             |      |        |                     |       |           |              |

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

| Depth Interval | Amount and Type of Material  |
|----------------|--|
| 8775 TO 12550  | 315,210 GALS SLICKWATER, 207,480 GALS 20# LINEAR GEL, 903,756 GAL 20# X-LINK GEL CARRYING 72,107 |

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         |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------------|
| 08/23/2014          | 09/01/2014        | 24           | ▶               | 897.0   | 851.0   | 528.0     | 41.8                  | 0.78        | ELECTRIC PUMP SUB-SURFACE |
| Choke Size          | Tbg. Press. Flwg. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                           |
| NA                  | 400 SI            | 250.0        | ▶               | 897     | 851     | 528       | 949                   | 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. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         |
|                     | SI                |              | ▶               |         |         |           |                       |

Pending BLM approvals will subsequently be reviewed and scanned  
*TCS*

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

ELECTRONIC SUBMISSION #260012 VERIFIED BY THE BLM WELL INFORMATION SYS.

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

28b. Production - Interval C

|                     |                      |              |                      |         |         |           |                       |             |                   |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | 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<br>→     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |

28c. Production - Interval D

|                     |                      |              |                      |         |         |           |                       |             |                   |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | 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<br>→     | 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   |
| DELAWARE<br>BONE SPRING | 3777<br>4277 | 4277<br>12649 | OIL WATER, GAS<br>OIL, WATER, GAS | RUSTLER<br>B. SALT<br>YATES<br>SEVEN RIVERS<br>QUEEN<br>GRAYBURG<br>GRAYWARE<br>BONE SPRING | 313<br>1346<br>1506<br>1794<br>2580<br>3050<br>3777<br>4277 |

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 #260012 Verified by the BLM Well Information System.  
For MEWBOURNE OIL COMPANY, sent to the Carlsbad**

Name (please print) JACKIE LATHAN Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission) Date 09/02/2014

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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