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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  
*NSP + NSL approved*

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 88240 |  | <sup>2</sup> OGRID Number<br>14744                                     |
|   |  | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW / 04/23/2020 |
| <sup>4</sup> API Number<br>30 - 015-46307   | <sup>5</sup> Pool Name<br>PURPLE SAGE-WOLFCAMP GAS         | <sup>6</sup> Pool Code<br>98220  |
| <sup>7</sup> Property Code 327148<br>316248   | <sup>8</sup> Property Name<br>Armstrong 26/23 W1EE Fed Com | <sup>9</sup> Well Number<br>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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| E             | 26      | 25S      | 31E   |         | 2500          | North            | 900           | 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 |
|-----------------------------|---|--|-----------------------------------|------------------------------------|-------------------------------------|------------------|---------------|----------------|--------|
| E                           | 23  | 25S  | 31E                               |                                    | 1409                                | North            | 838           | West           | Eddy   |
| <sup>12</sup> Lse Code<br>S | <sup>13</sup> Producing Method<br>Code<br>Flowing | <sup>14</sup> Gas Connection<br>Date<br>04/23/2020 | <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<br>OGRID | <sup>19</sup> Transporter Name<br>and Address                            | <sup>20</sup> O/G/W |
|------------------------------------|--|---------------------|
| 195739                             | Plains Pipeline Oil<br>5500 Ming Ave, Suite 300<br>Bakersfield, CA 93309 | O                   |
| 314437                             | Delaware Basin Midstream, LLC<br>PO Box 1330<br>Houston, TX 77251-1330   | G                   |
|                                    |  |                     |
|                                    |  |                     |
|                                    |  |                     |
|                                    |  |                     |
|                                    |  |                     |

IV. Well Completion Data **We are asking for an exemption from tubing at this time**

|                                     |                                      |                            |                              |   |                       |
|-------------------------------------|--------------------------------------|----------------------------|------------------------------|---|-----------------------|
| <sup>21</sup> Spud Date<br>10/31/19 | <sup>22</sup> Ready Date<br>04/23/20 | <sup>23</sup> TD<br>18355' | <sup>24</sup> PBDT<br>18305' | <sup>25</sup> Perforations<br>12176' - 18297' | <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 ½"                               | 13 ¾" 54.5# J55                      | 975'                       | 850                          |   |                       |
| 12 ¼"                               | 9 ⅝" 40# HCL80                       | —4258' 4255'               | 1075                         |   |                       |
| 8 ¾"                                | 7" 29# HCP110                        | 12315'                     | 925                          |   |                       |
| 6 ⅞"                                | 4 ½" 13.5# HCP110                    | 11466' – 18354' Liner      | 425                          |   |                       |
|                                     |                                      |                            |                              |   |                       |

V. Well Test Data

|  |   |                                     |                                     |                                    |   |
|--|---|-------------------------------------|-------------------------------------|------------------------------------|---|
| <sup>31</sup> Date New Oil<br>04/23/20 | <sup>32</sup> Gas Delivery Date<br>04/23/20 | <sup>33</sup> Test Date<br>04/27/20 | <sup>34</sup> Test Length<br>24 hrs | <sup>35</sup> Tbg. Pressure<br>300 | <sup>36</sup> Csg. Pressure<br>3150     |
| <sup>37</sup> Choke Size<br>NA         | <sup>38</sup> Oil<br>435                    | <sup>39</sup> Water<br>2513         | <sup>40</sup> Gas<br>2378           |                                    | <sup>41</sup> Test Method<br>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.<br>Signature: <i>Jackie Lathan</i> |                        | OIL CONSERVATION DIVISION                 |  |
| Printed name:<br>Jackie Lathan  |                        | Approved by: <i>Andrea B. [Signature]</i> |  |
| Title:<br>Regulatory  |                        | Title:<br>BUSINESS OP. SPEC.              |  |
| E-mail Address:<br>jlathan@mewbourne.com  |                        | Approval Date:<br>12/27/2020              |  |
| Date:<br>11/04/2020   | Phone:<br>575-393-5905 |   |  |

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Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|   |  |  |   |  |                                      |
|---|--|--|---|--|--------------------------------------|
| 1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other<br>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 _____                                  |  |  |   | 5. Lease Serial No.<br>NMNM16348   |                                      |
| 2. Name of Operator<br>MEWBOURNE OIL COMPANY      Contact: JACKIE LATHAN<br>E-Mail: jlathan@mewbourne.com   |  |  |   | 6. If Indian, Allottee or Tribe Name   |                                      |
| 3. Address   P O BOX 5270<br>HOBBS, NM 88241  |  |  | 3a. Phone No. (include area code)<br>Ph: 575-393-5905 |  | 7. Unit or CA Agreement Name and No. |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>Sec 26 T25S R31E Mer NMP<br>At surface   SWNW 2500FNL 900FWL 32.101692 N Lat, 103.754486 W Lon<br>Sec 26 T25S R31E Mer NMP<br>At top prod interval reported below   SWNW 2978FNL 840FWL 32.101559 N Lat, 103.754681 W Lon<br>Sec 23 T25S R31E Mer NMP<br>At total depth   NWNW 1409FNL 838FWL 32.122192 N Lat, 103.754135 W Lon |  |  |   | 8. Lease Name and Well No.<br>ARMSTRONG 26/23 W1EE FED COM 1H<br><br>9. API Well No.<br>30-015-46307-00-S1   |                                      |
| 10. Field and Pool, or Exploratory<br>PURPLE SAGE-WOLFCAMP (GAS)  |  |  |   | 11. Sec., T., R., M., or Block and Survey<br>or Area   Sec 26 T25S R31E Mer NMP  |                                      |
| 12. County or Parish<br>EDDY  |  |  |   | 13. State<br>NM  |                                      |
| 14. Date Spudded<br>10/31/2019  |  | 15. Date T.D. Reached<br>11/21/2019                      |   | 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>04/23/2020  |                                      |
| 17. Elevations (DF, KB, RT, GL)*<br>3329 GL   |  |  |   |  |                                      |
| 18. Total Depth:      MD      18355<br>TVD      12108   |  | 19. Plug Back T.D.:      MD      18305<br>TVD      12108 |   | 20. Depth Bridge Plug Set:      MD<br>TVD  |                                      |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>CCL GR CNL&CBL   |  |  |   | 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 J55   | 54.5        | 0        | 975         |                      | 850                         | 249               | 0           |               |
| 12.250    | 9.625 HCL80  | 40.0        | 0        | 4258        |                      | 1075                        | 345               | 0           |               |
| 8.750     | 7.000 HCP110 | 29.0        | 0        | 12315       |                      | 925                         | 401               | 4058        |               |
| 6.125     | 4.500 HCP110 | 13.5        | 11466    | 18354       |                      | 425                         | 188               | 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) |
|------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
|      |                |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation   | Top   | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|-------------|-------|--------|---------------------|-------|-----------|--------------|
| A) WOLFCAMP | 11656 | 18355  | 12176 TO 18297      | 0.380 | 1836      | OPEN         |
| B)          |       |        |                     |       |           |              |
| C)          |       |        |                     |       |           |              |
| D)          |       |        |                     |       |           |              |

## 26. Perforation Record

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

| Depth Interval | Amount and Type of Material   |
|----------------|---|
| 12176 TO 18297 | 13,464,706 GALS SLICKWATER CARRYING 12,364,968# LOCAL 100 MESH 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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 04/23/2020          | 04/27/2020        | 24           |                 | 435.0   | 2378.0  | 2513.0    |                       |             | FLows FROM WELL   |
| Choke Size          | Tbg. Press. Flwg. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
| 22/64               | SI                | 3150.0       |                 | 435     | 2378    | 2513      | 5467                  | PGW         |                   |

## 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. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
| SI                  |                   |              |                 |         |         |           |                       |             |                   |

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

ELECTRONIC SUBMISSION #514102 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

## 28b. Production - Interval C

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>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<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>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<br>Meas. Depth   |
|-----------|-------|--------|------------------------------|---|--|
| WOLFCAMP  | 11656 | 18355  | OIL & GAS                    | RUSTLER<br>TOP SALT<br>RAMSEY<br>BELL CANYON<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRING<br>WOLFCAMP | 795<br>1162<br>4030<br>4274<br>5303<br>6926<br>8109<br>11656 |

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 #514102 Verified by the BLM Well Information System.**  
**For MEWBOURNE OIL COMPANY, sent to the Carlsbad**  
**Committed to AFMSS for processing by VIOLETA BURKE on 05/28/2020 (20VB0267SE)**

Name(*please print*) RUBY CABALLERO

Title CLERK

Signature \_\_\_\_\_ (Electronic Submission)

Date 05/05/2020

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

**Revisions to Operator-Submitted EC Data for Well Completion #514102**

|                                   | <b>Operator Submitted</b>   | <b>BLM Revised (AFMSS)</b>  |
|-----------------------------------|---|---|
| Lease:                            | NMNM16348   | NMNM16348   |
| Agreement:                        |   |   |
| Operator:                         | MEWBOURNE OIL COMPANY<br>PO BOX 5270<br>HOBBS, NM 88241<br>Ph: 575-393-5905                             | MEWBOURNE OIL COMPANY<br>P O BOX 5270<br>HOBBS, NM 88241<br>Ph: 575.393.5905                              |
| Admin Contact:                    | JACKIE LATHAN<br>REGULATORY<br>E-Mail: jlathan@mewbourne.com<br><br>Ph: 575-393-5905                    | JACKIE LATHAN<br>REGULATORY<br>E-Mail: jlathan@mewbourne.com<br><br>Ph: 575-393-5905                      |
| Tech Contact:                     | RUBY CABALLERO<br>REGULATORY<br>E-Mail: rcaballero@mewbourne.com<br><br>Ph: 575-393-5905 Ext: 5032      | RUBY CABALLERO<br>CLERK<br>E-Mail: rojeda@mewbourne.com<br><br>Ph: 575-393-5905                           |
| Well Name:<br>Number:             | ARMSTRONG 26/23 W1EE FED COM<br>1H  | ARMSTRONG 26/23 W1EE FED COM<br>1H  |
| Location:                         |   |   |
| State:                            | NM  | NM  |
| County:                           | EDDY  | EDDY  |
| S/T/R:                            | Sec 26 T25S R31E Mer  | Sec 26 T25S R31E Mer NMP  |
| Surf Loc:                         | SWNW 2500FNL 900FWL   | SWNW 2500FNL 900FWL 32.101692 N Lat, 103.754486 W Lon   |
| Field/Pool:                       | PURPLE SAGE; WOLFCAMP   | PURPLE SAGE-WOLFCAMP (GAS)  |
| Logs Run:                         | CCL/GR/CNL & CBL  | CCL GR CNL&CBL  |
| Producing Intervals - Formations: | WOLFCAMP  | WOLFCAMP  |
| Porous Zones:                     | WOLFCAMP  | WOLFCAMP  |
| Markers:                          | RUSTLER<br>T/SALT<br>B/SALT<br>BELL CANYON<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRING<br>WOLFCAMP | RUSTLER<br>TOP SALT<br>RAMSEY<br>BELL CANYON<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRING<br>WOLFCAMP |

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
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**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 13146

**CONDITIONS OF APPROVAL**

|              |                  |               |                |        |       |                |       |              |           |
|--------------|------------------|---------------|----------------|--------|-------|----------------|-------|--------------|-----------|
| Operator:    | MEWBOURNE OIL CO | P.O. Box 5270 | Hobbs, NM88241 | OGRID: | 14744 | Action Number: | 13146 | Action Type: | C-104C    |
| OCD Reviewer |                  |               |                |        |       |                |       |              | Condition |
| abustamante  |                  |               |                |        |       |                |       |              | None      |