

Form 3160-5  
(June 2015)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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**

|  |   |   |
|--|---|---|
| 1. Type of Well<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other                   |   | 5. Lease Serial No.<br>NMNM23765                          |
| 2. Name of Operator<br>MEWBOURNE OIL COMPANY   |   | 6. If Indian, Allottee or Tribe Name                      |
| Contact: JACKIE LATHAN<br>E-Mail: jlathan@mewbourne.com  |   | 7. If Unit or CA/Agreement, Name and/or No.               |
| 3a. Address<br>P O BOX 5270<br>HOBBS, NM 88241   | 3b. Phone No. (include area code)<br>Ph: 575-393-5905<br>Fx: 575-393-5905 | 8. Well Name and No.<br>BUFFALO TRACE 1/36 W10B FEDCOM 1H |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 1 T26S R29E SWSE 400FSL 1630FEL<br>32.065395 N Lat, 103.934494 W Lon |   | 9. API Well No.<br>30-015-46774-00-X1                     |
|  |   | 10. Field and Pool or Exploratory Area<br>WOLFCAMP        |
|  |   | 11. County or Parish, State<br>EDDY COUNTY, NM            |

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                |   |  |   |
|--|---|---|--|---|
| <input checked="" 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 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       | Change to Original A                      |
|  | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back            | <input type="checkbox"/> Water Disposal            | PD  |

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 recompleat 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.

Mewbourne Oil Company requests approval to make the following changes to the approved APD:

1) Replace 7" production csg with 7 5/8" 39# P110 csg & adjust cement design as detailed in the attachment.

Please contact Andy Taylor with any questions.

|  |                 |
|--|-----------------|
| 14. I hereby certify that the foregoing is true and correct.<br><b>Electronic Submission #506635 verified by the BLM Well Information System</b><br><b>For MEWBOURNE OIL COMPANY, sent to the Carlsbad</b><br><b>Committed to AFMSS for processing by PRISCILLA PEREZ on 03/15/2020 (20PP1590SE)</b> |                 |
| Name (Printed/Typed) ANDY TAYLOR   | Title ENGINEER  |
| Signature (Electronic Submission)  | Date 03/10/2020 |

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

|   |                                 |                        |
|---|---------------------------------|------------------------|
| Approved By <u>OLABODE AJIBOLA</u>  | Title <u>PETROLEUM ENGINEER</u> | Date <u>03/18/2020</u> |
| 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 <u>Carlsbad</u>  |                                 |                        |

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.

(Instructions on page 2)

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

Accepted 03/30/2020 - Kurt Simmons NMOCD

## Revisions to Operator-Submitted EC Data for Sundry Notice #506635

|                | Operator Submitted  | BLM Revised (AFMSS)   |
|----------------|---|---|
| Sundry Type:   | APDCH<br>NOI  | APDCH<br>NOI  |
| Lease:         | NMNM23765   | NMNM23765   |
| 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>AUTHORIZED REPRESENTATIVE<br>E-Mail: jlathan@mewbourne.com<br><br>Ph: 575-393-5905 | JACKIE LATHAN<br>AUTHORIZED REPRESENTATIVE<br>E-Mail: jlathan@mewbourne.com<br><br>Ph: 575-393-5905<br>Fx: 575-393-5905 |
| Tech Contact:  | ANDY TAYLOR<br>ENGINEER<br>E-Mail: ataylor@mewbourne.com<br><br>Ph: 575-393-5905                    | ANDY TAYLOR<br>ENGINEER<br>E-Mail: ataylor@mewbourne.com<br><br>Ph: 575-441-8396  |
| Location:      |   |   |
| State:         | NM  | NM  |
| County:        | EDDY  | EDDY  |
| Field/Pool:    | 98220   | WOLFCAMP  |
| Well/Facility: | BUFFALO TRACE 1/36 W10B FEDCOM 1H<br>Sec 1 T26S R29E Mer NMP SWSE 400FSL 1630FEL                    | BUFFALO TRACE 1/36 W10B FEDCOM 1H<br>Sec 1 T26S R29E SWSE 400FSL 1630FEL<br>32.065395 N Lat, 103.934494 W Lon           |

## PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

|                              |   |
|------------------------------|---|
| <b>OPERATOR'S NAME:</b>      | <b>Mewbourne Oil Company</b>              |
| <b>LEASE NO.:</b>            | <b>NMNM023765</b>                         |
| <b>WELL NAME &amp; NO.:</b>  | <b>Buffalo Trace 1/36 W1OB Fed Com 1H</b> |
| <b>SURFACE HOLE FOOTAGE:</b> | <b>400'/S &amp; 1630'/E</b>               |
| <b>BOTTOM HOLE FOOTAGE</b>   | <b>330'/N &amp; 2310'/E</b>               |
| <b>LOCATION:</b>             | <b>Section 1, T.26 S., R.29 E., NMPM</b>  |
| <b>COUNTY:</b>               | <b>Eddy County, New Mexico</b>            |

### COA

|                      |   |  |                                     |
|----------------------|---|--|-------------------------------------|
| H2S                  | <input type="radio"/> Yes               | <input checked="" type="radio"/> No        |                                     |
| Potash               | <input checked="" type="radio"/> None   | <input type="radio"/> Secretary            | <input type="radio"/> R-111-P       |
| Cave/Karst Potential | <input type="radio"/> Low               | <input checked="" type="radio"/> Medium    | <input type="radio"/> High          |
| Cave/Karst Potential | <input type="radio"/> Critical          |  |                                     |
| Variance             | <input type="radio"/> None              | <input checked="" type="radio"/> Flex Hose | <input type="radio"/> Other         |
| Wellhead             | <input type="radio"/> Conventional      | <input checked="" type="radio"/> Multibowl | <input type="radio"/> Both          |
| Other                | <input type="checkbox"/> 4 String Area  | <input type="checkbox"/> Capitan Reef      | <input type="checkbox"/> WIPP       |
| Other                | <input type="checkbox"/> Fluid Filled   | <input type="checkbox"/> Cement Squeeze    | <input type="checkbox"/> Pilot Hole |
| Special Requirements | <input type="checkbox"/> Water Disposal | <input checked="" type="checkbox"/> COM    | <input type="checkbox"/> Unit       |

**All Previous COAs Still Apply.**

### **A. CASING**

#### **Casing Design:**

1. The **13-3/8** inch surface casing shall be set at approximately **700** feet (a minimum of **70 feet (Eddy County)** into the Rustler Anhydrite and above the salt) and cemented to the surface.
  - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
  - b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)
  - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours

after bringing cement to surface or 500 pounds compressive strength, whichever is greater.

- d. If cement falls back, remedial cementing will be done prior to drilling out that string.
2. The 9-5/8 inch intermediate casing shall be set at approximately 3250 feet. The minimum required fill of cement behind the 9-5/8 inch intermediate casing is:
    - Cement to surface. If cement does not circulate see B.1.a, c-d above. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.**
    - ❖ In Medium Cave/Karst Areas if cement does not circulate to surface on the first two casing strings, the cement on the 3rd casing string must come to surface.
  3. The minimum required fill of cement behind the 7 inch production casing is:

**Option 1 (Single Stage):**

- Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.
- **Excess cement calculates to 1%, additional cement might be required.**

**Option 2:**

Operator has proposed a DV tool, the depth may be adjusted as long as the cement is changed proportionally. The DV tool may be cancelled if cement circulates to surface on the first stage.

- b. First stage to DV tool: Cement to circulate. If cement does not circulate off the DV tool, contact the appropriate BLM office before proceeding with second stage cement job.
  - c. Second stage above DV tool:
    - Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.
4. The minimum required fill of cement behind the 4-1/2 inch production liner is:
    - Cement should tie-back **100 feet** into the previous casing. Operator shall provide method of verification.

## **B. PRESSURE CONTROL**

1. Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).'
2. Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi.
  - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
  - b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
  - c. Manufacturer representative shall install the test plug for the initial BOP test.
  - d. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
  - e. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.

## **C. SPECIAL REQUIREMENT (S)**

### **Communitization Agreement**

- The operator will submit a Communitization Agreement to the Carlsbad Field Office, 620 E Greene St. Carlsbad, New Mexico 88220, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.
- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

**OTA03182020**