

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD Rec'd: 10/14/2020

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.  
NMNM004825

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**7. If Unit or CA/Agreement, Name and/or No.  
NMNM109705

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No. **COM**  
NORMANDY 31/32 WOMP FED 1H

2. Name of Operator

MEWBOURNE OIL COMPANY

Contact: JACKIE LATHAN

E-Mail: jlathan@mewbourne.com

9. API Well No.

30-015-46689-00-S1

3a. Address

P O BOX 5270  
HOBBS, NM 88241

3b. Phone No. (include area code)

Ph: 575-393-5905

10. Field and Pool or Exploratory Area

BURTON FLAT  
UNKNOWN

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 31 T20S R29E NWSW 2520FSL 365FWL

11. County or Parish, State

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 recompleat 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 requests permission to change well name to Normandy 31/32 WOMP Fed #1H.  
See attached for new C102.

Bond on file: NM1693 nationwide & NMB000919

OCD Accepted for Record 10/26/2020 - JAG

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

**Electronic Submission #532207 verified by the BLM Well Information System  
For MEWBOURNE OIL COMPANY, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 10/02/2020 (21PP0058SE)**

Name (Printed/Typed) BRADLEY BISHOP

Title REGULATORY

Signature (Electronic Submission)

Date 09/30/2020

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

Approved By OLABODE AJIBOLA

Title PETROLEUM ENGINEER

Date 10/13/2020

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 Carlsbad

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 \*\***

## Revisions to Operator-Submitted EC Data for Sundry Notice #532207

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	APDCH NOI	APDCH NOI
Lease:	NMNM004825	NMNM004825
Agreement:		NMNM109705 (NMNM109705)
Operator:	MEWBOURNE OIL COMPANY PO BOX 5270 HOBBS, NM 88241 Ph: 575-393-5905	MEWBOURNE OIL COMPANY P O BOX 5270 HOBBS, NM 88241 Ph: 575.393.5905
Admin Contact:	JACKIE LATHAN AUTHORIZED REPRESENTATIVE E-Mail: jlathan@mewbourne.com  Ph: 575-393-5905	JACKIE LATHAN REGULATORY E-Mail: jlathan@mewbourne.com  Ph: 575-393-5905
Tech Contact:	BRADLEY BISHOP REGULATORY E-Mail: bbishop@mewbourne.com  Ph: 575-393-5905	BRADLEY BISHOP REGULATORY E-Mail: bbishop@mewbourne.com  Ph: 575-393-5905
Location: State: County:	NM EDDY	NM EDDY
Field/Pool:	RED HILLS BONE SPRING	BURTON FLAT UNKNOWN
Well/Facility:	NORMANDY 31/32 W0MP FED COM 1H Sec 31 T20S R29E Mer NMP SWSW 2520FSL 365FWL	NORMANDY 31/32 W0MP FED 1H Sec 31 T20S R29E NWSW 2520FSL 365FWL

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office  
☒ AMENDED REPORT  
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-46689		<sup>2</sup> Pool Code 98315		<sup>3</sup> Pool Name Burton Flat; Upper Wolfcamp East Oil					
<sup>4</sup> Property Code 32723		<sup>5</sup> Property Name NORMANDY 31/32 WOMP FED						<sup>6</sup> Well Number 1H	
<sup>7</sup> GRID NO. 14744		<sup>8</sup> Operator Name MEWBOURNE OIL COMPANY						<sup>9</sup> Elevation 3231'	
<sup>10</sup> Surface Location									
UL or lot no. 3	Section 31	Township 20S	Range 29E	Lot Idn	Feet from the 2520	North/South line SOUTH	Feet From the 365	East/West line WEST	County EDDY
<sup>11</sup> Bottom Hole Location If Different From Surface									
UL or lot no. P	Section 32	Township 20S	Range 29E	Lot Idn	Feet from the 368	North/South line SOUTH	Feet from the 89	East/West line EAST	County EDDY
<sup>12</sup> Dedicated Acres 319.78		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

<p><sup>16</sup></p> <p>CORNER DATA NAD 83 GRID - NM EAST</p> <p>GEODETIC DATA NAD 83 GRID - NM EAST</p> <p>SURFACE LOCATION N: 556465.5 - E: 606584.7 LAT: 32.5296041° N LONG: 104.1216245° W</p> <p>BOTTOM HOLE N: 554394.9 - E: 616668.6 LAT: 32.5238531° N LONG: 104.0889207° W</p> <p>A: FOUND BRASS CAP "1916" N: 553945.7 - E: 606194.2 B: FOUND BRASS CAP "1916" N: 556598.0 - E: 606221.2 C: FOUND 1/2" REBAR N: 559255.8 - E: 606249.5 D: FOUND 1/2" IRON PIPE N: 559244.3 - E: 608824.5 E: FOUND BRASS CAP "1916" N: 559237.1 - E: 611463.8 F: FOUND BRASS CAP "1916" N: 559237.0 - E: 614109.7 G: FOUND BRASS CAP "1916" N: 559235.2 - E: 616755.6 H: FOUND BRASS CAP "1916" N: 553954.9 - E: 616769.8 I: FOUND BRASS CAP "1916" N: 553956.4 - E: 614121.2 J: FOUND BRASS CAP "1916" N: 553952.5 - E: 611478.5 K: FOUND BRASS CAP "1916" N: 553949.1 - E: 608836.9 L: FOUND BRASS CAP "1916" N: 556595.1 - E: 611471.1</p>		<p><sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <u>Jackie Lathan</u> Date: <u>09/04/2020</u> Printed Name: <u>Jackie Lathan</u> E-mail Address: <u>jlathan@mewbourne.com</u></p>	
<p><sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>06-28-2019 Date of Survey Signature and Seal of Professional Surveyor: <u>Robert M. Howett</u> 19680 Certificate Number</p>		<p>RRC-Job No: LS19060718</p>	

# PECOS DISTRICT

## DRILLING CONDITIONS OF APPROVAL

<b>OPERATOR'S NAME:</b>	<b>MEWBOURNE OIL COMPANY</b>
<b>LEASE NO.:</b>	<b>NMNM0004825</b>
<b>WELL NAME &amp; NO.:</b>	<b>NORMANDY 31-32 W0MP FED 1H</b>
<b>SURFACE HOLE FOOTAGE:</b>	<b>2520'/S &amp; 365'/W</b>
<b>BOTTOM HOLE FOOTAGE:</b>	<b>368'/S &amp; 89'/E</b>
<b>LOCATION:</b>	<b>SECTION 31, T20S, R29E, NMPM</b>
<b>COUNTY:</b>	<b>Eddy County, New Mexico</b>

COA

H2S	<input checked="" type="radio"/> Yes	<input 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 type="radio"/> Medium	<input checked="" 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 checked="" type="checkbox"/> 4 String Area	<input checked="" type="checkbox"/> Capitan Reef	<input type="checkbox"/> WIPP
Other	<input checked="" type="checkbox"/> Fluid Filled	<input type="checkbox"/> Cement Squeeze	<input type="checkbox"/> Pilot Hole
Special Requirements	<input type="checkbox"/> Water Disposal	<input type="checkbox"/> COM	<input type="checkbox"/> Unit

**All Previous COAs Still Apply.**

### A. CASING

#### Casing Design:

1. The **20** inch surface casing shall be set at approximately **400** 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.

**First intermediate casing must be kept fluid filled to meet BLM minimum collapse requirement.**

2. The **13-3/8** inch first intermediate casing shall be set at approximately **1350** feet. The minimum required fill of cement behind the **13-3/8** inch first 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 High 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.
  - ❖ In Capitan Reef 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.
  - ❖ **Special Capitan Reef requirements.** If lost circulation (50% or greater) occurs below the Base of the Salt, the operator shall do the following:  
**(Use this for 3 string wells in the Capitan Reef, if 4 string well ensure FW based mud used across the capitan interval)**
    - Switch to fresh water mud to protect the Capitan Reef and use fresh water mud until setting the intermediate casing. The appropriate BLM office is to be notified for a PET to witness the switch to fresh water.
    - Daily drilling reports from the Base of the Salt to the setting of the intermediate casing are to be submitted to the BLM CFO engineering staff via e-mail by 0800 hours each morning. Any lost circulation encountered is to be recorded on these drilling reports. The daily drilling report should show mud volume per shift/tour. Failure to submit these reports will result in an Incidence of Non-Compliance being issued for failure to comply with the Conditions of Approval. If not already planned, the operator shall run a caliper survey for the intermediate well bore and submit to the appropriate BLM office.
3. The **9-5/8** inch second intermediate casing shall be set at approximately **3020** feet. The minimum required fill of cement behind the **9-5/8** inch second intermediate casing is:

**Option 1 (Single Stage):**

- 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. Excess cement calculates to -37%, 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.

- a. 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.
  - b. Second stage above DV tool:
    - Cement to surface. If cement does not circulate, contact the appropriate BLM office.  
**Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.**
4. The minimum required fill of cement behind the **7** inch production casing is:
- Cement should tie-back at least **50 feet** on top of Capitan Reef top. 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.**
5. 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.

**OTA10132020**