

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM3606A
2. Name of Operator MEWBOURNE OIL COMPANY Contact: JACKIE LATHAN E-Mail: jlathan@mewbourne.com		6. If Indian, Allottee or Tribe Name
3a. Address P O BOX 5270 HOBBS, NM 88241	3b. Phone No. (include area code) Ph: 575-393-5905	7. If Unit or CA/Agreement, Name and/or No. NMNM101368
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 15 T21S R26E NESW 1780FSL 1850FWL		8. Well Name and No. CARLSBAD 15 FED COM 2
		9. API Well No. 30-015-30471-00-S1
		10. Field and Pool or Exploratory Area AVALON-DELAWARE
		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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 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.

Please review the attached plugging procedure for the above captioned well.

Bond on file: NM1693 nationwide &amp; NMB000919

RECEIVED

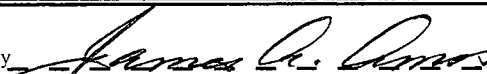
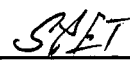

Gc 4/5/19  
Accepted for record - NMOC

APR 01 2019

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**DISTRICT II-ARTESIA O.C.D.**

14. I hereby certify that the foregoing is true and correct. Electronic Submission #453938 verified by the BLM Well Information System For MEWBOURNE OIL COMPANY, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 02/11/2019 (19PP1030SE)	
Name (Printed/Typed) ROBIN TERRELL	Title DISTRICT MANAGER
Signature (Electronic Submission)	Date 02/08/2019

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

Approved By 	Title 	Date 3-9-19
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 

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 \*\***

**COMPLETION PROCEDURE**

Submitted By: R. Terrell

Wellname: Carlsbad 15 Fed Com #2

Location: Sec 15, T21S, R326E  
SL: 4980' FSL & 990' FWL

Date: 1/31/2019 1740 + 185

Csg Set: _____	Packer Type: <u>None</u>
Csg Size: <u>5 1/2" 17# N-80</u>	Packer Depth: _____
Liner Size: <u>N/A</u>	Tbg: <u>2 7/8" 6.5# 8rd EUE</u>
Liner Top: <u>N/A</u>	Tbg Set: <u>9725</u>
Ports: <u>N/A</u>	Total Rods: <u>N/A</u>

**Procedure to P & A**

1. Test anchors.
2. MIRU BCM. ND wellhead & NU BOP. POOH w/tbg.
3. RIH & set CIBP @ 9676' (Strawn perms @ 9726'-9736')
4. Spot 25 sks Class "H" cmt on top of CIBP (est TOC @ 9450') *Bring cmt to 9238 T/C.s.o/cyn.*
5. POOH w/tbg to 9450' and spot 24 bbls plug mud pill from 9450' to 8425'.
6. Spot 25 sks Class H plug from 8425' - 8200'. WOC. Tag plug +/-8200'. Spot 89 bbls plug mud from 8200' - 4375'.
7. Perforate 5 1/2" @ 4375'. Break circulation down 5 1/2" csg up 5 1/2" x 7 7/8" annulus. Spot 36 sks Class H balanced plug from 4375' - 4260'. WOC. Tag cmt plug +/- 4260'. *SPZ cmt to 4225*
8. *45/50* Spot 36 bbls plug mud from 4260' - 2735'. *4225*
9. Perf 5 1/2" @ 2735'. Break circulation down 5 1/2" csg up 5 1/2" x 7 7/8" annulus. Spot 30 sks Class C balanced plug 2735' - 2605'. *2450 (shra & T/Def)*
10. WOC. Tag plug @ +/- 2605'. Spot 48 bbls plug mud from 2605' to 550'. *2450*
11. Spot 55 sks Class C plug from 550' to surface. *Perf @ 625 SPZ cmt Suct.*
12. POOH and top out as needed with Class C as needed.
13. RDMO BCM.
14. Cut off WH & install dry hole marker.

(Mud will consist of 25 sks gel/100bbl fresh water)

Drilling Program  
Mewbourne Oil Company  
Carlsbad "15" Fed. Com. #2  
990' FWL & 1980 FSL  
Sec.15 - T21S - R26E  
Eddy County, New Mexico

1. The estimated tops of geologic markers are as follows:

Capitan Reef:	575'	
Queen:	1000'	
San Andres:	1700'	
Yates:	2000'	
Delaware:	2500'	
Bone Springs:	4325' ✓	
1st Bone Springs Sand:	6100'	
2nd Bone Springs Carb.:	6300'	
2nd Bone Springs Sand:	6800'	
3rd Bone Springs Sand:	7950'	
Wolfcamp Lime:	8325' ✓	8302
Cisco/Canyon:	9268'	9288
Strawn:	9723' ✓	9690
Atoka:	9950'	
T.D.	10,100'	

2. Estimated Depths of Anticipated Fresh Water, Oil or Gas:

Water:	Approximately 200'
Oil:	All zones below Yates.

3. **Pressure Control Equipment:** BOPE will be installed on the 13 3/8" surface casing and be rated for 2000 psi working pressure minimum. Pressure tests will be conducted before drilling out under all casing strings. Blowout preventor controls will be installed prior to drilling the surface plug and will remain in use until drilling operations are completed. Preventor will be inspected and pipe rams operated at least daily to insure good mechanical order. This inspection will be recorded on the daily drilling report. (See Exhibit #2, 2A, and attachment sheet.)

**Auxiliary Equipment:** Kelly Cock and a sub with full opening valve to fit the drill pipe and collars will be available on the rig floor in the open position at all times when the kelly is not in use.

# Carlsbad 15 Fed Com #2

Last Updated: 1-31-19

By: R Terrell

Spud Date: 11-08-98

Date:

1" to Surf.

## Surface

17 1/2" x 13 3/8" 48#

H-40

13 3/8" set @ 432'

TOC @ surface

12 1/4"

## Intermediate

11" x 8 5/8" 32#

8 5/8" set @ 2685'

TOC @ surface

1" to Surf.

TOC @ 6184

Est 6200

7 7/8"

## Production:

5 1/2" 17# N80

Set @ 10100'

Strawn Perfs

9726-9736

## Tubing:

## Length

1	2 7/8" WLEG	0.40
1	2 7/8" 6.5# EUE 8rd L80	31.90
1	2 7/8" SN	1.10
303	2 7/8" 6.5# EUE 8rd L80	9678.39
Total		9711.79
KB Correction		13.00
Tbg Set @		9724.79

# Carlsbad 15 Fed Com #2

Last Updated: 1-31-19

By: R Terrell

Spud Date: 11-08-98

Date:

## Surface

17 1/2" x 13 3/8" 48#

H-40

13 3/8" set @ 432'

TOC @ surface

## Intermediate

11" x 8 5/8" 32#

8 5/8" set @ 2685'

TOC @ surface

TOC @ 6184

## Production:

5 1/2" 17# N80

Set @ 10100'

55 sks Class C plug from 550 - surface

Plug mud 550 - 2605'

Perf @ 2735 30 sks balanced plug 2605 - 2735

Plug mud from 2735 to 4260'

Perf @ 4375' 30 sks Class H balanced plug 4375 - 4260

Plug mud from 4375 - 8200'

Tubing:		Length
1	2 7/8" WLEG	0.40
1	2 7/8" 5.5# EUE 8rd L80	31.90
1	2 7/8" SN	1.10
303	2 7/8" 6.5# EUE 8rd L80	9678.39
Total		9711.79
KB Correction		13.00
Tbg Set @		9724.79

25 sks Class H plug f/8425 - 8200'

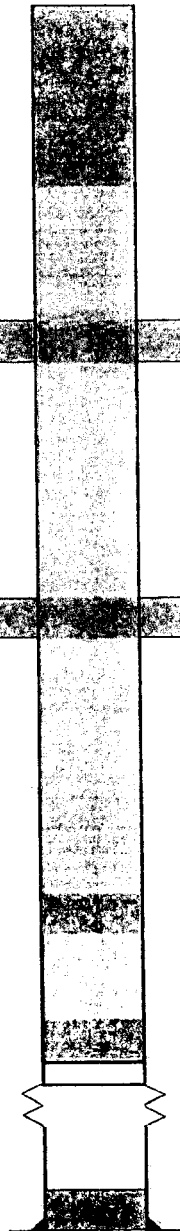
Plug mud from 8425' to 9450'

25 sks Class H plug f/9450 - 9676

CIBP @ 9676'

Strawn Perfs

9726-9736



**BUREAU OF LAND MANAGEMENT**  
**Carlsbad Field Office**  
**620 East Greene Street**  
**Carlsbad, New Mexico 88220**  
**575-234-5972**

**Permanent Abandonment of Federal Wells**  
**Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.