

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION

ARTESIA DISTRICT

OCT 13 2015

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.
NMNM27277

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM134237

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

9. API Well No.
30-015-42185-00-S1

10. Field and Pool, or Exploratory
LOCO HILLS
UNKNOWN

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

MEWBOURNE OIL COMPANY

Contact: JACKIE LATHAN

E-Mail: jlathan@mewbourne.com

3a. Address

P O BOX 5270
HOBBS, NM 88241

3b. Phone No. (include area code)

Ph: 575-393-5905

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

Sec 15 T18S R30E NWNW 330FNL 370FWL
32.753664 N Lat, 103.966660 W Lon

12. CHECK 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"/> 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 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 shall 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 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.)

MOC would like to change the acreage dedication to the above well. It is now 560 acres instead of 160 acres. Please see attached C102 with corrected dedicated acreage and document explaining reason for change.

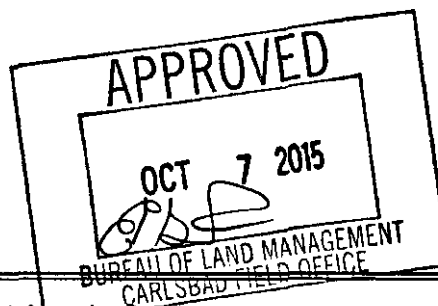
Please call Bradley Bishop with any questions.

10/14/15

Bond on file: NM1693 nationwide & NMB000919

DENIED

**SUBJECT TO LIKE
APPROVAL BY STATE**



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

Electronic Submission #283709 verified by the BLM Well Information System
For MEWBOURNE OIL COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by CATHY QUEEN on 06/09/2015 (15CQ0209SE)

Name (Printed/Typed) BRADLEY BISHOP

Title REGULATORY

Signature (Electronic Submission)

Date 12/02/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By EDWARD FERNANDEZ

Title PETROLEUM ENGINEER

Date 10/07/2015

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

PLAN OF DEVELOPMENT
MOC's Leo "15" Prospect
Section 15, T18S, R30E
Eddy County, New Mexico

Mewbourne Oil Company as Operator plans to drill up to 4 horizontal wells under the captioned land for oil production in the Second Bone Spring Sand interval in the Bone Spring formation and up to 4 horizontal wells in the First Bone Spring Sand interval in the Bone Spring formation. All wells will be drilled from BLM approved surface locations in the NW/4 of the referenced Section 15. The Leo 15 DA Federal Com #1H well will be drilled as the initial well and will be drilled from a surface location 400' FNL & 370' FWL and drilled horizontally to a bottom hole location 400' FNL & 330' FEL of the above referenced Section 15. This initial well will be drilled horizontally in the Second Bone Spring Sand interval in the Bone Spring formation for oil production. Attached is a plat showing the proposed laterals for the initial 4 wells. Mewbourne Oil Company has plans to drill these wells in 180 day intervals to comply with its existing exploration trade agreements with third parties.

GEOLOGIC SUMMARY

Geologically, the Leo 15 Prospect is located in the Delaware Basin of Southeast New Mexico. The proposed horizontal objective is the Second Bone Spring Sand which is approximately 90 feet thick and occurs at a true vertical depth of 8100 feet. The reservoir is a very fine-grained sandstone or siltstone which was deposited in a deep marine environment. Oil productive Second Bone Spring Sand horizontal wells are located in sections 9, 16, & 28 18S-30E.

Mewbourne Oil Company anticipates drilling the First Bone Spring Sand following the development of the Second Bone Spring Sand. The reservoir interval is a very fine-grained sandstone and was deposited in a deep marine environment. The First Bone Spring Sand will be encountered at a true vertical depth of 7100 feet and is approximately 80 feet thick. Oil productive First Bone Spring horizontal wells are located in sections 7 & 32- 18S-30E.

