

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No 1004-0135  
Expires January 31, 2004

**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.*

OLD ARTESIA

5 Lease Serial No  
NMNM-31200

6 If Indian, Allottee of Tribe Name

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

8 Well Name and No.

Lakewood 34 Fed IP #1H

9 API Well No

30-015-37710

10 Field and Pool, or Exploratory Area

Seven Rivers Yeso

11 County or Parish, State

Eddy County, NM

RECEIVED

APR 19 2010

NMOCD ARTESIA

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2 Name of Operator

Mewbourne Oil Company 14744

3a Address

PO Box 5270 Hobbs, NM 88241

3b Phone No (include area code)

575-393-5905

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

2390' FNL & 370' FEL, Sec 34-T19S-R25E Unit Letter H (SL)

330' FSL & 370' FEL, Sec 34, T19S, R25E Unit Letter P (BHL)

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

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

☐ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

3. 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.)

Please see attached.

If you have any questions, please call Charles Martin @ 575-393-5905.

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

14 I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Jackie Lathan

Title Hobbs Regulatory

Signature

Jackie Lathan

Date 04/06/10

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

Name  
(Printed/Typed)

Office

APPROVED

Title

APR 16 2010  
Is/ Chris Walls

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.

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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(Continued on next page)

DS

Lakewood 34 IP Fed Com #1H

Upon further geological review, Mewbourne Oil Co. wishes to amend the production casing and cementing program as follows:

Production casing will be as follows:

5 1/2" (new)	17#	J-55	LT&C	Surface - KOP
5 1/2" (new)	17#	J-55	BT&C	KOP - EOC
5 1/2" (new)	17#	J-55	LT&C	EOC - TD

We will utilize a packer/port system in the lateral hole. A 5 1/2" ECP and FO cementer will be placed immediately above KOP and cement will be circulated to surface w/215 sx light Class "C" (yield @ 2.45 cuft/sk) & 100 sx Class "C" (yield @ 1.32 cuft/sk). No changes will be made to the mud program.

## Conditions of Approval

<b>OPERATOR'S NAME:</b>	<b>Mewbourne Oil Company</b>
<b>LEASE NO.:</b>	<b>NMNM-31200</b>
<b>WELL NAME &amp; NO.:</b>	<b>Lakewood 34 Fed IP 1H</b>
<b>SURFACE HOLE FOOTAGE:</b>	<b>2390' FNL &amp; 360' FEL</b>
<b>LOCATION:</b>	<b>Section 34, T. 19 S., R 25 E., NMPM</b>
<b>COUNTY:</b>	<b>Eddy County, New Mexico</b>

### **A. CASING**

**Changes to the approved APD casing and cement program require submitting a sundry and receiving approval prior to work. Failure to obtain approval prior to work will result in an Incident of Non-Compliance being issued.**

**Centralizers required on surface casing per Onshore Order 2.III.B.1.f.**

**Wait on cement (WOC) time for a primary cement job will be a minimum 18 hours for a water basin, 24 hours in the potash area, or 500 pounds compressive strength, whichever is greater for all casing strings. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. See individual casing strings for details regarding lead cement slurry requirements.**

**No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.**

**Possible lost circulation in the Grayburg and San Andres formations.**

**Possible water flows in the San Andres formation.**

**HIGH CAVE/KARST – CONTINGENCY CASING WILL BE REQUIRED IF LOST CIRCULATION OCCURS WHILE DRILLING THE SURFACE HOLE. THE SURFACE HOLE WILL HAVE TO BE REAMED AND A LARGER CASING INSTALLED.**

1. The 9-5/8 inch surface casing shall be set at approximately 1030 feet 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 is to include the lead cement slurry.**
- 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.

**IF LOST CIRCULATION OCCURS WHILE DRILLING THE 8-3/4" HOLE, THE CEMENT PROGRAM FOR THE 5-1/2" CASING WILL NEED TO BE MODIFIED AND THE BLM IS TO BE CONTACTED PRIOR TO RUNNING THE CASING. A MINIMUM OF TWO CASING STRINGS CEMENTED TO SURFACE IS REQUIRED IN HIGH CAVE/KARST AREAS. THE CEMENT MUST BE IN A SOLID SHEATH THEREFORE, ONE INCH OPERATIONS WILL NOT BE PERMITTED. A DV TOOL WILL BE REQUIRED.**

**An Isolation packer must be set between the San Andres and the Glorietta Formations to prevent communication between these two zones.**

- 2. The minimum required fill of cement behind the 5-1/2 inch production casing is:
  - a. FO cement tool shall be set no more than 50 feet above kick off point and cement shall:
    - ☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding. **May require additional cement as the excess calculates to -12%.**
- 3. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

**CRW 041610**