

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NNNM14758
2. Name of Operator MEWBOURNE OIL COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address HOBBS, NM 88241		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 575-393-5905 Fx: 575-397-6252		8. Well Name and No. LONG DRAW 10 DM FED COM 2H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 3 T20S R25E SWSW 150FSL 450FWL 32.344271 N Lat, 104.284671 W Lon		9. API Well No. 30-015-41954-00-X1
		10. Field and Pool, or Exploratory N SEVEN RIVERS-GLOR-YESO
		11. County or Parish, and State EDDY COUNTY, NM

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

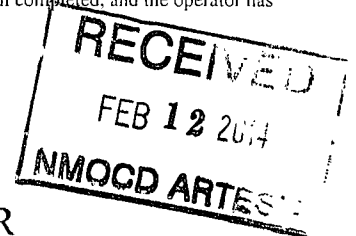
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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	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 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.)

Mewbourne Oil Company would like to make changes to the surface hole.

Please see attached changes.

Bond on file: NM1693 nationwide & NMB000919

Accepted for record
NMOCD
7-12-2014SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Electronic Submission #234701 verified by the BLM Well Information System For MEWBOURNE OIL COMPANY, sent to the Carlsbad Committed to AFMSS for processing by CHRISTOPHER WALLS on 02/07/2014 (14CRW0176SE)	
Name (Printed/Typed) LEVI JACKSON	Title DRLG ENGINEER
Signature (Electronic Submission)	Date 02/06/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	APPROVED	Date _____
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 _____	FEB 7 2014 /s/ Chris Walls	

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 up any report or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Mewbourne Oil Co.
Long Draw 10 DM Fed #2H
SL: 150' FSL & 450' FWL
Sec 3, T20S, R25E
BHL: 330' FSL & 330' FWL
Sec 10, T20S, R25E

MOC has an approved APD for the above captioned well. After further geological review, MOC would like to make the following changes to surface hole:

Drill 17 1/2" hole to 800'. If total returns are lost, 13 3/8" 48# STC csg will be ran and cemented in place @ 500'. If returns are not lost, 9 5/8" csg will be ran and cemented in place @ 800'.

If total returns are not lost, casing & cmt detail as follows:

<u>Hole Size</u>	<u>Casing</u>	<u>Wt/Ft.</u>	<u>Grade</u>	<u>Depth</u>	<u>Jt Type</u>
17 1/2"	9 5/8" (new)	36#	J55	0'-800'	LT&C

Cmt will consist of: Surface Casing: 450 sacks Class "C" (35:65:4) light cement w/ 1% CaCl₂ & LCM additives. Yield at 2.0 cuft/sk. Mix water @ 11.17 gal/sk. 200 sacks class "C" w/ 2% CaCl₂. Yield at 1.34 cuft/sk. Mix water 6.34 gal/sk. Cmt circulated to surface with 100% excess.

13 3/8" casing will only be ran if total returns are lost. Casing & cmt detail as follows:

<u>Hole Size</u>	<u>Casing</u>	<u>Wt/Ft.</u>	<u>Grade</u>	<u>Depth</u>	<u>Jt Type</u>
17 1/2"	13 3/8" (new)	48#	H40	0'-500'	LT&C
12 1/4"	9 5/8" (new)	36#	J55	0'-800'	LT&C

Cmt will consist of: Surface Casing: 525 sacks class "C" w/ 2% CaCl₂. Yield at 1.34 cuft/sk. Mix water 6.34 gal/sk. Cmt circulated to surface with 100% excess.
Inter Casing: 300 sacks class "C" w/ 1% CaCl₂. Yield at 1.34 cuft/sk. Mix water 6.34 gal/sk. Cmt circulated to surface with 25% excess.

The remainder of the well will remain as permitted

Levi Jackson
Drig. Engineer
Office: 575-393-5905
Cell: 575-631-0589

Conditions of Approval
Long Draw 10 DM Fed 2H
30-015-41954

Contingency plan:

1. The **13-3/8** inch surface casing shall be set at approximately **500** 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.
2. 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.**

Casing plan if lost circulation is not encountered:

3. The **9-5/8** inch surface casing shall be set at approximately **800** feet and cemented to the surface. **Additional cement may be required – excess calculates to 21 %.**
 - 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.

Centralizers required through the curve and a minimum of one every other joint.

4. The minimum required fill of cement behind the 7 inch production casing is:

☒ Cement to surface. If cement does not circulate, contact the appropriate BLM office.

5. Cement not required on the 4-1/2" casing. **Packer system being used.**

CRW 020714