

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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.****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)

(SL) 330' FSL &amp; 950' FEL, Sec 4-T20S-R25E Unit Letter P

(BHL) 330' FSL &amp; 950' FEL, Sec 9-T20S-R25E Unit Letter P

## 5. Lease Serial No.

NM-14758

## 6. If Indian, Allottee or Tribe Name

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

## 8. Well Name and No.

Long Draw 9 AP Federal Com #1H

## 9. API Well No.

30-015-34363

## 10. Field and Pool, or Exploratory Area

Cemetery Yeso

## 11. County or Parish, State

Eddy County, NM

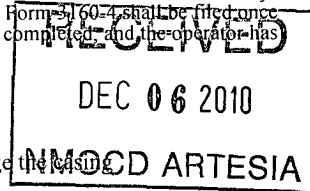
## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## 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.)



Mewbourne Oil Company has an approved APD for the above captioned well. After further review, we would like to change the casing Program as follows:

Surface (same as APD) 12 1/4" hole size 9.625 casing, casing wt 36#, Setting depth 785', 400 sks cmt (Circ to surface).

Intermediate: 8 3/4" hole size, 7" casing, 2215' 26# J55 LTC & 1000' 26# J55 BTC on bottom. Setting depth 3115' MD (2788' TVD), 400 sks cmt (Circ to surface).

Liner: 6 1/8" hole size 4 1/2" casing 11.6# J55 LTC to TD @ 7818' MD (2788' TVD). Top of liner @ 2900' (MD). This will be a packer port completion.

If you have any questions please call Levi Jackson @ 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

Date 11/22/10

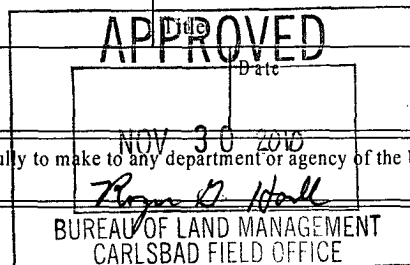
THIS SPACE FOR FEDERAL OR STATE OFFICE USE

## Approved by (Signature)

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

(Continued on next page)



9 5/8	surface csg in a	12 1/4	inch hole.	Design Factors			SURFACE		
Segment	#/ft	Grade	Coupling	Joint	Collapse	Burst	Length	Weight	
"A"	36.00	J 55	LT&C	16.03	5.5	2.83	785	28,260	
"B"							0	0	
w/8.4#/g mud, 30min Sfc Csg Test psig: 1,500				Tail Cmt	does	circ to sfc.	Totals:	785	28,260
<u>Comparison of Proposed to Minimum Required Cement Volumes</u>									
Hole	Annular	Proposed	CuFt Cmt	Min	Excess	Drilling	Calc	Req'd	Min Dist
Size	Volume	Sx Cmt	Proposed	Cu Ft	% Cmt	Mud Wt	MASP	BOPE	Hole-Cplg
12 1/4	0.3132	400	536	281	91	9.00	632	2M	0.81
Sundry to change casing design from longstring of 5-1/2 & 4-1/2" combo to 7" Intermediate and 4-1/2" liner. No option 1 & 2 for using completion rig, etc.									

7	casing inside the	9 5/8	casing.	-	<u>Design Factors</u>		<u>INTERMEDIATE</u>		
Segment	#/ft	Grade	Coupling	Joint	Collapse	Burst	Length	Weight	
"A"	26.00	J 55	LT&C	4.53	2.55	4.00	2,115	54,990	
"B"	26.00	J 55	BUTT	2.95	3.47	4.00	1,000	26,000	
"C"							0	0	
"D"							0	0	
w/8.4#/g mud, 30min Sfc Csg Test psig: 1,500							Totals:	3,115	80,990
B	Segment	Design	Factors	would be	15.97	4.57			
<u>The cement volume(s) proposed may achieve a top</u>					<u>0</u>	<u>feet from surface.</u>			
Hole	Annular	Proposed	CuFt Cmt	Min	Excess	Drilling	Calc	Req'd	Min Dist
Size	Volume	Sx Cmt	Proposed	Cu Ft	% Cmt	Mud Wt	MASP	BOPE	Hole-Cplg
8 3/4	0.1503	400	747	491	52	8.60	647	2M	0.55
Set in curve; EOC 3115'. KOP - 2215' @ 10 degrees/100' to EOC 3115'MD/2788'VD @ 89.99 degrees									

4 1/2	Liner w/top @	2900	<u>Design Factors</u>				LINER		
Segment	#/ft	Grade	Coupling	Joint	Collapse	Burst	Length	Weight	
"A"	11.60	J 55	LT&C	1.80	2.84	4.25	4,918	57,049	
"B"							0	0	
"C"							0	0	
"D"							0	0	
w/8.4#/g mud, 30min Sfc Csg Test psig: 1,500							Totals:	4,918	57,049
A	Segment	Design	Factors	would be:	∞	3.94	if it were a vertical wellbore.		
<u>The cement volume(s) proposed may achieve a top</u>					<u>2900</u>	<u>feet from surface.</u>			
Hole	Annular	Proposed	CuFt Cmt	Min	Excess	Drilling	Calc	Req'd	Min Dist
Size	Volume	Sx Cmt	Proposed	Cu Ft	% Cmt	Mud Wt	MASP	BOPE	Hole-Cplg
6 1/8	0.0942			469		8.70			0.56
Lateral @ 89.99 degrees to 7818' MD/2788'VD. No cement required; packer-port sytem being used.									

## **PECOS DISTRICT CONDITIONS OF APPROVAL**

<b>OPERATOR'S NAME:</b>	<b>Mewbourne Oil Company</b>
<b>LEASE NO.:</b>	<b>NMNM14758</b>
<b>WELL NAME &amp; NO.:</b>	<b>Long Draw 9 AP Federal Com #1H</b>
<b>SURFACE HOLE FOOTAGE:</b>	<b>330' FSL &amp; 950' FEL, Sec 4, T20S, R25E</b>
<b>BOTTOM HOLE FOOTAGE:</b>	<b>330' FSL &amp; 950' FEL, Sec 9, T20S, R25E</b>
<b>LOCATION:</b>	<b>Section 04, T. 20 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 prior to drilling out 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. DURING THIS WOC TIME, NO DRILL PIPE, ETC. SHALL BE RUN IN THE HOLE. 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.**

#### **High Cave Karst**

**Possible lost circulation in the San Andres formation.**

1. The 9-5/8 inch surface casing shall be set at approximately 785 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 7 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.**
- A packer shall be set a minimum of 340' from the North line of Section 9 to prevent drainage of acreage to the north.**
3. The minimum required fill of cement behind the 4-1/2 inch production liner is:
- ☒ No cement is required; using packer-port completion system.
4. 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.

**RGH 113010**