

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CCD-ARTESIA
RECEIVED
APR 21 2010
NMCCD ARTESIA

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

RM

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)
2290' FNL & 2310' FEL, Sec 9-T20S-R25E Unit Letter G

5 Lease Serial No
NM-14758 (SL) & NM114958 (BHL)

6 If Indian, Allottee or Tribe Name

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

8 Well Name and No
Gunsmoke 9 EF Fed Com #1H

9 API Well No
30-015-37685

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			
<input 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 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	

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

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)

APPROVED
APR 19 2010
/s/ Chris Walls
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Upon further geological review, Mewbourne Oil Co. wishes to amend the drilling plans as follows:

Drill 17 1/2" surface hole to 900'+ & set 13 3/8" (new) 48# H-40 ST&C casing & circulate cement to surface w/200 sx light Class "C" (yield @ 2 cuft/sk) & 400 sx Class "C" w/2% CaCl2 (yield @ 1.34 cuft/sk). We will drill 11" hole to KOP & drill 8 3/4" curve and lateral hole to proposed TD.

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. An openhole packer will be placed at the lease line and an ECP will isolate the Glorietta from the San Andres. A 5 1/2" FO cementer will be placed immediately above KOP and cement will be circulated to surface w/550 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 original mud program.

If hole integrity cannot be maintained we will set 8 5/8" (new) 24# J-55 ST&C casing to KOP and circulate cement to surface w/200 sx light Class "C" (yield @ 2 cuft/sk) & 200 sx Class "C" w/2% CaCl2 (yield @ 1.34 cuft/sk) and drill a 7 7/8" production hole to TD. The 5 1/2" FO cementer will be eliminated and production casing will not be cemented.

Conditions of Approval

OPERATOR'S NAME:	Mewbourne Oil Company
LEASE NO.:	NMMN-14758
WELL NAME & NO.:	Gunsmoke 9 EF Federal Com 1H
SURFACE HOLE FOOTAGE:	2290' FNL & 2310' FEL
LOCATION:	Section 9, T. 20 S., R 25 E., NMPM
COUNTY:	Eddy County, New Mexico

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.**

1. The 13-3/8 inch surface casing shall be set at approximately 900 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 -2%.**

Contingency Casing

- 3. The minimum required fill of cement behind the 8-5/8 inch Intermediate casing is:
 - ☒ Cement to surface. If cement does not circulate, contact the appropriate BLM office. **May require additional cement as the excess calculates to -6%.**

If contingency casing is used and cement circulates to surface on the intermediate casing, no cement will be required on the production casing. A open hole packer/port system will be used in the lateral.

- 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.

CRW 041610