

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other	5. Lease Designation and Serial No. NM 0175774
2. Name of Operator SHACKELFORD Oil Co.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 10665 Midland, TX 79702	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 330' FWL AND 2410' FWL SEC. 21 T19N R 32E	8. Well Name and No. Mobil FEDERAL #7
	9. API Well No.
	10. Field and Pool, or Exploratory Area West Lusk - Delaware
	11. County or Parish, State Lea

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☒ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This sundry notice is being submitted as a change of ^{drilling} plan for the Mobil FEDERAL #7. See attached. ~~Drilling Plan~~

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

Signed *D. Shackelford*

Title *President*

Date *July 12, 1996*

(This space for Federal or State office use)

Approved by *Orig. Signed by Adam Salameh*
Conditions of approval, if any:

Title *Petroleum Engineer*

Date *7/17/96*

Revised Drilling Plan

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Setting Depth</u>	<u>Quantity of Cement</u>
12 1/4"	8 5/8"	23"	J-55	550'	450 sacks of Class C cement
7 7/8"	4 1/2"	10.50"	J-55	5300'	700 SX

Proposed Depth and Objective

Delaware 5300'

Casing Program

Surface - Drill a 12 1/4" hole to 550' and set 550' of 8 5/8" casing w/ 450 sacks class C cement

Production - Drill a 7 7/8" hole to 5300' and set 4 1/2" casing w/ 500 sks. of light cement and 200 sacks of class H cement.

Logging Program

Same as approved APD

Mud Logging Program

Same as approved APD

Mud Program

Surface

0-500 Spud 12 1/4" hole w/ fresh water containing gel and lime, if necessary for hole cleaning. Mud weight should be 8.5-8.7 lb/gal with a viscosity of 33-35 sec/1000 cc.
(Same as approved APD except hole size.)

Mud Program (Cont'n. 1)

Production

~~550' - 2800'~~

550' - 5300' Drill out below surface pipe using $7\frac{3}{8}$ " bit with 10 lb./gal brine for drilling the water salt section.

Lime will be added to maintain a pH of 9.5 - 10.0

If loss circulation occurs in Capitan Reef will drill with fresh water and remainder of hole will be drilled with sweeps to TD.

(Same as approved APD except hole size)

Cementing

Surface - Cement 550' of $8\frac{5}{8}$ " casing w/ 450 sacks of class C sufficient to circulate

Production Cement $4\frac{1}{2}$ " casing with 300 sks of light and 200 sks of class H.

