

Form 9-331  
(May 1963)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC-067858

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME:  
Empire Abo Pressure  
Maintenance Project8. FARM OR LEASE NAME  
Empire Abo Unit "M"9. WELL NO.  
1410. FIELD AND POOL, OR WILDCAT  
Empire Abo11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

11-18S-27E

12. COUNTY OR PARISH  
Eddy13. STATE  
N.M.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☒ GAS WELL ☐ OTHER ☐2. NAME OF OPERATOR ARCO Oil and Gas Company  
Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR

Box 1710, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

660' FNL &amp; 1980' FWL (Unit letter C)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3573' GR

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

(Other) Repair Annular Waterflow

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

## SUBSEQUENT REPORT OF:

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

17. 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.)\*

TD 6315', PBD 6223'. Presently completed in Abo perfs 6070-6080' 2 JSPF. Propose to repair annular water flow by cement squeezing in the following manner:

1. Rig up, kill well, install BOP, POH w/compl assy.
2. Run CBL/CCL from top of cmt to surf.
3. RIH w/RBP, set approx 100' below proposed squeeze perfs. Spot 2 sx sd on top.
4. Perforate 5½" csg w/4 JS from intergal as indicated from logs.
5. RIH w/pkr, establish circ to surf.
6. RIH w/cmt retr, set approx 50' above squeeze holes & cmt squeeze w/250-sx Cl C w/2% CaCl to surf. WOC.
7. Drill out retr & pressure test squeeze job & csg to 1000# for 30 mins.
8. CO sd off top of BP, retrieve BP.
9. RIH w/compl assy & return to production.

RECEIVED

JUL 27 1979

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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

SIGNED

TITLE Dist. Drlg. Supt.

DATE 7/25/79

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: