

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

## 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

AUG 14 1979

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

225' FNL &amp; 2280' FWL (Unit letter C)

7. UNIT AGREEMENT NAME  
**Empire Abo Pressure  
Maintenance Project**8. FARM OR LEASE NAME  
**Empire Abo Unit "M"**

9. WELL NO.

141

10. FIELD AND POOL, OR WILDCAT

**Empire Abo**11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

11-18S-27E

14. PERMIT NO.

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

3574.8' GR

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

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

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Log, Run &amp; Cmt Prod Csg, Acidize X &amp; Comp

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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.)\*

Fin drlg 7-7/8" hole @ 10 AM 6/5/79 to 6225' TD. Ran GR-CNL-FDC, DLL w/RXO & GR w/caliper. RIH w/5 1/2" 15.5# K-55 csg, set @ 6225'. FC set @ 6180', DV tool @ 3968'. Cmted 5 1/2" OD csg, 1st stage w/250 sx Lite wt cmt, 1/4# flocele, 10# gilsonite/sk, 2% CaCl, followed by 300 sx Thik-set, 2% CaCl. Cmted 2nd stage w/750 sx Lite wt cmt, 2% CaCl, followed by 100 sx Cl C cmt, 2% CaCl. PD @ 6:30 PM 6/6/79. Circ 25 sx on 2nd stage. WOC 48 hrs. DO DV tool @ 3968'. Pressure tested to 1500# 30 mins OK. Ran bit to 6171'. Ran CBL. TOC @ 4724'. Perf'd 5 1/2" csg 6112-6132' w/2 JSPF. RIH w/pkr, set pkr @ 6008', tbg @ 6015'. Acidized perfs 6112-6132' w/150 gals 15% HCL-LST acid, 1500 gal CaCl wtr, 1500 gal gelled LC, 1000 gals 15% acid, flushed w/24 BLC. In 4 hrs swbd 25 BO & 40 BW. POH w/pkr & tbg. RIH w/2-3/8" OD tbg, set @ 6134', SN @ 6133'. On 24 hr potential test 8/5/79 pmpd Abo perfs 6112-32', 65 BO, 1 BW & 92 MCFG, GOR 1415:1. Final Report.

RECEIVED

AUG 9 1979

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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

SIGNED **S.R.K. for L.D. LARA**TITLE **Dist. Drlg. Supt.**DATE **8/8/79**

(This space for Federal or State office use)

APPROVED BY **L.D. LARA**  
CONDITIONS OF APPROVAL, IF ANY:TITLE **ACTING DISTRICT ENGINEER**DATE **AUG 13 1979**