

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 Project

8. FARM OR LEASE NAME

Empire Abo Unit "M"

9. WELL NO.

133

10. FIELD AND POOL, OR WILDCAT

Empire Abo

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

11-18S-27E

12. COUNTY OR PARISH 13. STATE

Eddy 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.)

RECEIVED

JUL 5 1979

O. C. C.

ARTESIA, OFFICE

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

450' FNL & 1175' FWL (Unit letter D)

14. PERMIT NO.

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

3557' 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

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Log, Run 5 1/2" Csg, cmt, Complete X

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.)*

Fin drlg 7-7/8" hole to 6225' TD @ 2:30 AM 6/5/79. Ran GR-CNL-FDC w/caliper, GR-DLL w/RXO. RIH w/5 1/2" OD 15.5# K-55 csg, set @ 6225'. DV tool set @ 3995'. Cmtd 1st stage w/25 BFW, 5 bbl SAM-5, 10 BFW, 300 sx Howco Lite cmt w/5# gilsonite/sk, 1/4# flocele/sk, 5# salt/sk & 2% CaCl, followed by 200 sx Cl C cmt 50/50 Poz w/2% gel, 0.6% Halad-9 & 6# salt/sk. Circ 32 sx cmt to surf on 1st stage. Cmtd 2nd stage w/10 BFW, 800 sx Howco Lite w/5# gilsonite/sk, 1/4# flocele/sk, 5# salt/sk followed by 100 sx Cl C cmt cont'g 6# salt/sk. Circ 85 sx cmt to surf on 2nd stage. WOC 72 hrs. Drld DV tool @ 3995' & tagged PBD @ 6180'. Press tested csg to 1500# 30 mins OK. Ran GR-CBL, OK. Perf'd Abo 6044-6064' w/2 JSPF. RIH w/pkr on 2-3/8" OD tbg, set pkr @ 5943'. Acidized Abo w/150 gals 15% HCL-LSTNE-FE acid, 1000 gals 10# gelled CaCl wtr, 1500 gals 15% HCL-LSTNE-FE acid. Swbd 5 hrs, rec 41 BO, 15 BW, kicked off flwg. On 24 hr potential test 6/17/79 flwd 433 BO, 0 BW & 1023 MCFG, 250# FTP on 48/64" ck, GOR 2363:1. Final Report.

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JUN 22 1979

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

Albert R. Stall

TITLE

Dist. Drlg. Supt.

DATE

6/20/79

(This space for Federal or State office use)

APPROVED BY (Print Name) ALBERT R. STALL
CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACTING DISTRICT ENGINEER

DATE

JUL 23 1979