

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 025604

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

Atlantic Richfield Company

3. ADDRESS OF OPERATOR

P. O. 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

2485' FEL & 20' FSL (Unit letter O)

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AUG 23 1976

O. C. C.
ARTESIA, OFFICE

7. UNIT AGREEMENT NAME

Empire Abo Pressure
Maintenance Project

8. FARM OR LEASE NAME

Empire Abo Unit "L"

9. WELL NO.

111

10. FIELD AND POOL, OR WILDCAT

Empire Abo

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

3-18S-27E

14. PERMIT NO.

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

3510' 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

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Spud, run surf csg & cmt

(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.) *

Spudded 11" hole @ 1:30 PM 8/9/76. Finished drlg 11" hole to 1000' @ 9:45 PM 8/10/76. Ran 8-5/8" OD 24# K-55 ST&C csg & set @ 1000'. FC @ 914'. Cmtd 8-5/8" OD csg w/300 sx Cl C cmt cont'g 4% gel, 2% CaCl, 6# salt, 6# Gilsonite & 1/4# celloflake/sk, followed by 100 sx Cl C cont'g 2% CaCl & 6# salt/sk. PD @ 2:10 AM 8/11/76. Circ 25 sx to pit. Cmt circ to surf. WOC 12-3/4 hrs. Surface csg string was cmtd under OCC Option 2 of Rule 107 casing & tubing requirements. The following criteria is furnished for cmtg by Option 2 as follows:

1. Cmtd w/507 cu ft of Cl C cmt cont'g 4% gel, 2% CaCl, 6# salt, 6# Gilsonite & 1/4# celloflake/sk, followed by 132 cu ft of Cl C cont'g 2% CaCl & 6# salt/sk. Circ 33 cu ft to pit.
2. Approximate temperature of cmt when mixed was 80° F.
3. Estimated minimum formation temperature in zone of interest was 70° F.
4. Estimate of cmt strength @ time of csg test was 2200#.
5. Actual time cmt in place prior to starting test was 12-3/4 hrs.

Pressure tested 8-5/8" csg to 1000# for 30 mins. Tested OK. Commenced drlg 7-7/8" hole @ 3:00 PM 8/11/76.

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

TITLE Dist. Drlg. Supv.

DATE 8/18/76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

