

OCC COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIP
(Other instruction
verse side)ATE
reForm approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 025604

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.

101

10. FIELD AND POOL, OR WILDCAT

Empire Abo

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

10-18S-27E

12. COUNTY OR PARISH

Eddy

13. 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

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

RECEIVED

JUN 15 1977

O. C. C.

ARTESIA, OFFICE

1100' FNL & 2170' FWL (Unit letter C)

14. PERMIT NO.

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

3506.8' 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) Spud, Run Surf Csg, Cmt & test

(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.)*

Spudded 11" hole @ 7:30 PM 6/5/77, lost returns @ 380', had partial returns to 415'. Fin drlg to 1000' @ 1:00 AM 6/7/77. Ran 8-5/8" OD 8R 24# K-55 csg w/FS & FC, csg set @ 928'. Cmt 8-5/8" OD csg w/300 sx Cl C, 4% gel, 6# salt, 1/4# celloflake, 2% CaCl followed by 100 sx Cl C, 6# salt/sk, 2% CaCl. Circ 100 sx cmt to pit. Cmt circ to surf. PD @ 7:00 PM 6/7/77. WOC 12 hrs. Press tested csg to 1000# 30 mins OK. The following compressive strength criterion is furnished for cmtg in accordance w/Option 2 of the OCC Rules & Regulations:

1. The volume of cmt slurry was 507 cu ft of Cl C cont'g 4% gel, 6# salt/sk, 1/4# celloflake, 2% CaCl followed by 132 cu ft of Cl C cmt cont'g 6# salt/sk & 2% CaCl. Circ 132 cu ft cmt to pit.
2. Approx temp of cmt slurry when mixed was 76° F.
3. Est minimum formation temp in zone of interest was 70° F.
4. Est of cmt slurry @ time of csg test was 2100 PSIG.
5. Actual time cmt was in place prior to starting press test was 12 hrs.

Commenced drlg new fm @ 7:00 AM 6/7/77.

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JUN 13 1977

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

TITLE Dist. Drlg. Supt.

DATE 6/10/77

(This space for Federal or State office use)

APPROVED BY

TITLE ACTING DISTRICT ENGINEER

DATE JUN 14 1977

CONDITIONS OF APPROVAL, IF ANY: