

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.

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 ☐

RECEIVED

2. NAME OF OPERATOR

Atlantic Richfield Company

JUL 28 1978

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

A. R. C.
ARTESIA, OFFICE

1100' FNL & 1200' FWL (Unit letter D)

7. UNIT AGREEMENT NAME

Empire Abo Pressure

Maintenance Project

8. FARM OR LEASE NAME

Empire Abo Unit "M"

9. WELL NO.

131

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.)

3568.3' 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) Spud, Run Surf Csg & Cmt

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

X

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 @ 5:15 PM 7/10/78. Finished drlg 11" hole to 970' @ 4:15 AM 7/12/78. RIH w/8-5/8" OD 24# K-55 csg, set @ 970'. FC @ 890'. Cmtd 8-5/8" OD csg w/250 sx C1 C cmt cont'g 4% gel, 6# salt/sk, 2% CaCl, 150 sx C1 C, 6# salt & 2% CaCl. BP @ 10:45 AM 7/12/78 w/650#. Circ 60 sx cmt to pit. WOC 13-1/4 hrs. Pressure 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 418 cu ft of C1 C cmt cont'g 4% gel, 6# salt/sk, 2% CaCl, 198 cu ft of C1 C cmt cont'g 6# salt/sk & 2% CaCl. Circ 100 cu ft cmt to pit.
2. Approx temperature of cmt slurry when mixed was 82° F.
3. Estimated minimum formation temperature in zone of interest was 70°F.
4. Estimate of cmt strength at time of csg test was 1050 PSIG.
5. Actual time cmt was in place prior to starting test was 13-1/4 hrs.

RECEIVED

JUL 25 1978

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

TITLE Dist. Drlg. Supt.

DATE 7/20/78

(This space for Federal or State office use)

APPROVED BY

TITLE ACTING DISTRICT ENGINEER

DATE JUL 27 1978

CONDITIONS OF APPROVAL, IF ANY: