

N. M. O. C. C. COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN REVERSE SIDE
LICATE*
S on re-

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC 029435 (a)

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 1978, Roswell, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

440' FSL & 440' FWL (Unit Letter M)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
J. L. Keel "A"

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Grayburg-Jackson

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 7, T17S, R31E

14. PERMIT NO.

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

3745' 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) Cement Salt Water Flow

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.)*

Ran temperature survey 200-3074'. Survey indicated origin of salt water flow thru 10" x 7" annulus 1460-1566'. Perf'd 7" csg 1600-1601 w/4 JS. Circulated 10" x 7" annulus. Cemented w/400 sx Class C cement, good returns while cementing. Cement did not circulate. Pressured up on cement to 450#. JC @ 4:00 PM 7/16/71. Ran temperature survey. Survey indicated top of cement @ 1000'. Ran bit, found TOC @ 1499'. Drilled firm cement 1499-1519' & 1534-1602; cement stringers 1602-1622'. Tested 7" casing w/500# for 15 min. Held OK. Ran pump & rods and returned well to production. Have had no salt water flow from 6-5/8" x 10" casing annulus since cementing operations completed.

O. C. C.
ARTESIA, OFFICE

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

SIGNED *[Signature]*

TITLE Dist. Drlg. Supervisor DATE 7/21/71

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE DATE

APPROVED
JUL 23 1971

H. L. BECKMAN
DISTRICT ENGINEER

*See Instructions on Reverse Side