

NMOCC COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TR. DATE*
(Other instruction on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC-065478 (b)

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
660' FNL & 560' FEL (Unit Letter A)

7. UNIT AGREEMENT NAME
Empire Abo Pressure8. FARM OR LEASE NAME
Maintenance Project

Empire Abo Unit "M"

9. WELL NO.

12

10. FIELD AND POOL, OR WILDCAT

Empire Abo

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

10-18S-27E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
3517' GR12. COUNTY OR PARISH
Eddy13. STATE
NM

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) Squeeze cmt., perf lower

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.)*

- Rig up, kill well, POH w/comp. assy. RIH w/cmt retr, set retr @ 5797'.
- Pmpd 400 bbls gel wtr, squeezed perfs 5902-5914' w/125 sx LWL cmt cont'g 2% CaCl, 75 sx Cl C cont'g 2% CaCl, 125 sx LWL cmt cont'g 2% CaCl & 75 sx Cl C cont'g 2% CaCl. Rev out 5 sx cmt. POH w/setting tool. WOC.
- Drld cmt 5795-5797', retr 5797-5800' & cmt 5800-5914'. Circ hole clean. Press tested squeeze perfs to 1500#, no squeeze.
- RIH w/cmt retr., set @ 5816', squeezed perfs 5902-5914' w/35 sx Cl C cmt cont'g 2% CaCl, WOC.
- Drld cmt 5804-5810', retr @ 5810-5814', cmt 5814-5843'. Press tested csg to 1650#. Tested OK. POH w/bit.
- Ran GR-Collar log 6031-5500'. Perf'd 5½" csg 5970-5990' w/2 JSPF. RIH w/1 jt. 2-3/8" tbg, Lok-set pkr, SN & 189 jts 2-3/8" OD EUE tbg, tbg set @ 5960', pkr @ 5925' on-off tool @ 5924', SN @ 5923'. Spotted 50 gals 15% NE HCL acid 5991-5940', rev @ 5960', set pkr, acidized perfs 5980-5990' w/300 gals 15% NE-HCL, 500 gals 10# CaCl wtr, 500 gals LC., 2000 gals 60/40 DAD. In 7 hrs swbbd 39 BO & 19 BW, good blow gas.
- On 24 hr potential test 4-22-78 flwd 56 BO, 0 BW, 70 MCFG on 33/64" ck, FTP 50#, GOR 1250:1.

RECEIVED

APR 28 1978

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

SIGNED

TITLE

Dist. Drlg. Supt.

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO 78

(This space for Federal or State office use)

APPROVED BY

TITLE ACTING DISTRICT ENGINEER

DATE

APR 28 1978

CONDITIONS OF APPROVAL, IF ANY: