

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN THE MANNER INDICATED*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-0557371

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

1980' FNL & 660' FEL (Unit letter H)

7. UNIT AGREEMENT NAME

Empire Abo Pressure
Maintenance Project

8. FARM OR LEASE NAME

Empire Abo Unit "J"

9. WELL NO.

20

10. FIELD AND POOL, OR WILDCAT

Empire Abo

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

1-18S-27E

14. PERMIT NO.

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

3666' RDB

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) Squeeze Gas Channel ☒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.)*

RU, killed well, installed BOP & POH w/compl assy. Ran CBL 6160-4000', TOC indicated @ 4742' RIH w/pkr on 2-3/8" tbg, set OE @ 5917'. Pmpd 1000 gals xylene followed by 24 bbls ground limestone in 2% KCL wtr w/polymer. Max 3400#. 19 bbls in formation, 1-1/2 bbls in csg. RO 3-1/2 bbls. PU, set pkr @ 5917', tstd plug w/2000# OK. POH w/pkr & tbg. Checked fill @ 6094'. Dumped 1 sk cmt 6094-6084'. Perf'd 4-1/2" csg w/1 JSPF 6054-6058'. RIH w/2-3/8" tbg set OE @ 6010'. Broke perfs w/2000# @ 1/4 BPM, 2500# @ 1 BPM. POH w/pkr & tbg. RIH w/retr, set retr @ 5943'. Squeezed perfs 6054-6058' w/125 sx LWL D-108 flac & 50 sx Cl C, 2% CaCl. MP 3000#, final 2500#. 69 sx in fm, 7 sx in csg. RO 99 sx. POH w/tbg. RIH w/bit, TOC @ 5940', DO cmt retr & cmt 5940-6059'. Press tstd perfs to 1550# 30 mins OK. Drld cmt 6088-6096', circ crushed limestone 6096-6187' PBD. POH w/bit. RIH w/OE tbg to 5814'. Swbd 1 hr, rec 3 BO, 7 BLW, good blow gas. POH w/tbg. RIH w/2-3/8" OD EUE tbg, set OE @ 6168' w/KVL-30 pkr @ 6067', SN @ 6066'. In 9 hrs swbd 10 BO & 40 BLW. Acidized Abo perfs 6104-6158' w/500 gals 15% NE acid, flushed w/18 BLW. In 4 hrs swbd 4-1/2 BO & 30-1/2 BLW. Acidized Abo perfs 6104-58' w/4000 gals 60/40 15% HCL/xylene, flushed w/12 BLC. Tbg on vac after 17 hr SI. In 7 hrs swbd 12 BLO & 15 BNO, good blow of gas after each swab. SI. POH w/tbg & pkr. Ran Compl assy as follows: 2-3/8" OD EUE tbg w/btm @ 6054'. RIH w/rod pump & pmpd on 24 hr potential test 4/17/78, 72 BO, 0 BW & 99 MCFG. GOR 1375:1.

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

SIGNED

TITLE Dist. Drlg. Supt.

DATE 4/19/78

(This space for Federal or State office use)

APPROVED BY

TITLE

ACTING DISTRICT ENGINEER

DATE

APR 26 1978

CONDITIONS OF APPROVAL, IF ANY: