

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CATE*
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Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 025604

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.)

7. UNIT AGREEMENT NAME
Empire Abo Pressure
Maintenance Project

8. FARM OR LEASE NAME
Empire Abo Unit "M"

9. WELL NO.
901

10. FIELD AND POOL, OR WILDCAT
Empire Abo

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
10-18S-27E

12. COUNTY OR PARISH
Eddy

13. STATE
N.M.

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

1300' FNL & 1220' FWL (Unit letter D)

14. PERMIT NO.

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

3507.7' 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

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(Other) Log, Run Prod Csg, Cmt, Perf & Treat.

(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.)*

Fin drlg 7-7/8" hole to 6106' @ 8:15 AM 8/2/77. Ran DLL w/RXO & Caliper, GR CNL FDC w/ caliper & GR-N logs. Ran 5 1/2" OD 14# K-55 8rd ST&C csg w/FS on btm, FC @ 6061', stage collar @ 4189'. Csg set @ 6106'. Cmtd 5 1/2" OD csg 1st stage w/475 sx 50/50 Pozmix Cl C cont'g 2% gel, 8# salt, 6/10 of 1% CFR-2 & 5# Gilsonite/sk. PD @ 7:00 PM 8/3/77 w/2800#. Circ 45 sx cmt to pit. WOC 6 hrs. Cmtd 2nd stage thru stage collar @ 4189' w/825 sx light cmt cont'g 8# salt/sk & 100 sx Cl C cont'g 8# salt/sk. BP @ 2:00 AM 8/4/77 w/3000#. Circ 60 sx cmt to pit. WOC 96 hrs. Drld out stage collar @ 4189'. Pressure tested csg to 1000# 30 mins OK. Ran GR-N, CBL-VD log. Perf'd Abo 5766-5784' w/2 JSPF. RIH w/Lok-set pkr on 2-3/8" OD tbg, TP @ 5698', pkr @ 5669'. Acidized Abo perfs 5766-5784' w/300 gals 15% HCL-NE acid w/ iron sequestrant. In 3 1/2 hrs swbd 13 BW, skim oil. Acidized Abo perfs 5766-5784' w/500 gal LC, 500 gal 10# CaCl wtr, 2000 gal 60/40 15% HCL/xylene treatment, flushed w/500 gals LC. 48 hr SITP vac. In 10 hrs swbd 28 BO & 37 BLW, fair gas blow after swab run. Connected to battery, well would not flow. Installed pmpg unit. On 24 hr potential test 9/18/77 pmpd 131 BO, 15 BW & 80 MCFG, GOR 610:1. Final Report.

RECEIVED

SEP 23 1977

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

[Signature]

TITLE

Dist. Drlg. Supt.

DATE

9/21/77

(This space for Federal or State office use)

APPROVED BY

[Signature]

TITLE

ACTING DISTRICT ENGINEER

DATE

SEP 26 1977