

NMOCC COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRII
(Other instruction
verse side)ATE*
a re-Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 025604

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Empire Abo Pressure
Maintenance Project

8. FARM OR LEASE NAME

Empire Abo Unit "M"

9. WELL NO.

101

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.

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

1100' FNL & 2170' FWL (Unit Letter C)

O. C. C.
ARTESIA, OFFICE

14. PERMIT NO.

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

3506.8' 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

(Other) Log, Run & Cmt Csg Perf &

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

X Acidize

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 to 6050' TD @ 1:30 PM 6/20/77. Ran DLL w/RXO, GR-N, Variable Density, Sonic, CN-FD. Ran 5 1/2" OD 8R 14# K-55 csg, set @ 6050'. DV tool @ 4188'. Cmtd 1st stage 5 1/2" csg w/400 gals mud sweep, 400 sx 50/50 Pozmix Cl C cont'g 2% gel, 8# salt/sk, 6/10 of 1% CFR-2, 5#/sk Gilsonite. Bumped plug @ 8:30 AM 6/22/77 w/1500#. Stage #2 cmtd thru stage collar @ 4188' w/25 BFW followed by 1250 sx Light cmt w/8# salt/sk & 100 sx Cl C cont'g 8# salt/sk. Bumped plug @ 3:45 PM 6/22/77 w/2500#. Cmt did not circ. NU wellhead. WOC 72 hrs. DO DV tool @ 4188' & CO to FC @ 5995'. Ran CBL across Abo 5995-4000', indicated good cmt bond. Press tstd csg to 1000# 30 mins OK. Perf'd Abo 5926-5940' w/2 JSPF. RIH w/Lok-set pkr, set @ 5779'. Acidized Abo perfs 5926-5940' w/300 gals 15% HCL-NE acid followed by 500 gals LC, 500 gal 10# CaCl wtr & 2000 gal 60/40 15% HCL/xylene, flushed w/12 BLC. Acidized perfs 5926-5940' w/500 gal LC, 500 gal 10# CaCl wtr, 6000 gal 60/40 15% HCL/xylene, flushed w/500 gal LC. RIH w/cmt retr, set @ 5881'. Squeezed perfs 5926-5940' w/150 sx Cl C cont'g 6/10 of 1% HA -9, 50 sx Neat Cl C, to 3200#. RO 24 sx. Perf'd 5816-5828' w/2 JSPF. RIH w/Lok-set pkr, set @ 5718', TP @ 5753'. Acidized perfs 5816-5828' w/300 gal 15% HCL-NE cont'g iron seq, 500 gal LC, 500 gal 10# CaCl wtr, 2000 gal 60/40 15% HCL/xylene flushed w/500 gal LC. On 24 hr potential test 7/18/77 flwd Abo perfs 5816-28', 217 BO, 0 BW & 214 MCFG on 30/64" ck, FTP 70#, COR 986:1. Final Report.

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

SIGNED

TITLE Dist. Drlg. Supt.

(This space for Federal or State office use)

APPROVED BY

TITLE ACTING DISTRICT ENGINEER

DATE JUL 28 1977

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side