

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLY  
(Other instructions  
verse side)FE-  
re-Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC 054453

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Duthie Andrews Com WN

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Langlie Mattix

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

19-23S-37E

12. COUNTY OR PARISH 13. STATE

Lea

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

660' FNL &amp; 1980' FEL (Unit letter B)

14. PERMIT NO.

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

3327.6' 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) Squeeze cmt Jalmat zone

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.)\*

On 11/7/75 rigged up, killed well, installed BOP & POH w/completion assy. WIH w/cmt retr, set @ 2819' on 2-3/8" EUE tbg. Squeezed Jalmat perfs 2895-2935' w/100 sx C1 H cmt cont'g .6% Halad 9 followed by 50 sx C1 C cont'g 8#/sk sd. MP 1150#. Reversed out 5 sx. POH w/tbg. Perforated 4 - 1/4" squeeze holes @ 1260'. WIH w/cmt retr on 2-3/8" EUE tbg, set retr @ 1201'. Circulated cmt to surf thru 8-5/8" X 4 1/2" annulus using 900 sx C1 C cmt cont'g 1/4#/sk flocele & 2% CaCl. Closed valve on bradenhead & squeezed salt section thru perfs @ 1260' w/500 sx C1 H cmt cont'g 1/4#/sk flocele & 2% CaCl. Followed by 200 sx C1 H cmt cont'g 10% salt. MP 1150#. Reversed out 20 sx. POH w/tbg. WOC 24 hrs. Press tested csg to 1000# 30 mins, OK. Drld cmt 1190-1201', cmt retr 1201-03', cmt 1203-29', 1229-60', 2801-19', drld retr @ 2819-20', cmt 2820-3080'. Pressure tested 4 1/2" csg & squeezed perfs to 1000# for 30 mins. Tested OK. 3673' new PBD. Perf'd 1 - .31" JS ea @ 3463, 67, 92, 95, 3508, 11, 14, 17, 20, 23, 95, 3603 & 3606'. Ran pkr & set @ 3355'. Acidized 3463-3606' w/1500 gals 15% HCL-LSTNE acid & 21 - 7/8" RCN ball sealers. MP 1200#, Min 600#, final press 1200#, ISI vac. Reset pkr @ 3355' & frac'd perfs 3463-3606' w/15,000 gals slick 2% KCL wtr cont'g 25#/1000 gal gel, 25#/1000 gal fluid loss additive & 1/2 gal/1000 gal de-emulsifier & 37,500# 20/40 sd. MP 3750#, Min 3300#, Final press 3300#, ISIP 750#. 15 min SI 400#. 14 hr SIP 300#. Flwd back well to cleanup. POH w/tbg & pkr. RIH w/1 jt 2-3/8" tbg, 2-3/8" SN, 4 jts 2-3/8" tbg, 4 1/2" X 2-3/8" Guib KVL pkr, 111 jts 2-3/8" EUE tbg. Set pkr @ 3404', btm string @ 3567', SN @ 3535'. On 24 hr test 11/27/75 flwd 3 BO, 3 BW & 574 MCFG on 48/64" ck. TP 80#. GOR 191,333:1. Well SI. Waiting on gas sales line connection & 4 pt test.

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

SIGNED

TITLE Dist. Drlg. Supv.

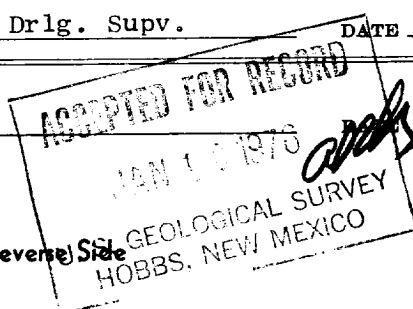
DATE 1/9/76

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:



\*See Instructions on Reverse Side