

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRI
(Other instruction
verse 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.)

RECEIVED

OCT 3 1978

O.C.C.
ARTESIA, OFFICE1. 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

2290' FSL & 2445' FWL (Unit letter K)

14. PERMIT NO.

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

3618' GR

7. UNIT AGREEMENT NAME

Empire Abo Pressure

Maintenance Project

8. FARM OR LEASE NAME

Empire Abo Unit "K"

9. WELL NO.

184

10. FIELD AND POOL, OR WILDCAT

Empire Abo

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

1-18S-27E

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 COMPLETS

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Log, DST, Run Prod Csg & Cmt, X Compl.

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.)

Fin drlg 7-7/8" hole to 6200' @ 6:30 PM 7/5/78. Ran DLL w/RXO, Sonic VDL, CNL-FDC, GR-N. DST #1, 5839-5860' Abo. TO @ 6:10 AM for 5-1/2 min. SI 45 mins. TO @ 7:01, GTS immed, 175 MCF on 1/4" ck, TP 116#. No fluid to surf in 1 hr 29 mins. Closed tool. DST #2 5912-5937' Abo. 5 min flow, SI 28 min, flwd 2 hrs 18 mins, 250 MCF, no fluid to surf. RO 15 BO, 1-1/2 BDM, POH w/test tools. RIH w/5-1/2" OD 15.5# K-55 csg, set @ 6200', FC @ 6154', DV tool @ 3996'. Cmtd 5-1/2" csg in 2 stages. 1st stage, 10 bbls SAM-5, 20 BW, 200 sx HOWCO Lite cont'g 8# salt & 10# 20/40 frac sd & 5# 100 mesh sd/sk. PD @ 11:30 AM 7/8/78. RO 55 sx cmt thru DV tool. Cmtd 2nd stage w/700 sx Howco Lite cont'g 8# salt/sk followed by 100 sx Cl C cont'g 2% CaCl. PD @ 3:55 PM 7/8/78. Circ 40 sx cmt to pit, WOC 48 hrs. WIH w/bit, drld DV tool @ 3996'. Press tstd csg to 1500# 30 mins OK. Drld cmt & stringers to 6144', circ hole clean. Press tstd csg to 1500# 30 mins OK. Ran GR & collar log. Perf'd 5-1/2" csg 6005-6025' w/2 JSPF. RIH w/Lok-set pkr on 188 jts 2-3/8" OD EUE tbg, set pkr @ 5900' w/SN @ 5895'. Acidized perfs 6005-6025' w/300 gals 15% HCL-NE acid & 500 gals 10# CaCl wtr, 500 gals LC, 2000 gals 60/40 acid/xylene, flushed w/18 BLC. In 1 hr swbd 32 BO & 8 BW. In 1 hr flwd on 24/64" ck, TP 850# gas ARO 1.8 MMCFD. Kld well, POH w/pkr & tbg. RIH w/cmt retr, set @ 5925'. SQ perfs 6005-6025' w/150 sx LWL cmt cont 2% CaCl & 75 sx Cl C cont'g 2% CaCl. MP 2000#. RO 60 sx, WOC 18 hrs. Drld cmt & retr to 6030', circ hole clean. Press tstd SQ job to 1650# 30 mins OK. Ran CBL 6144-5144', good cmt bond. DO FC & cmt to 6190', PBTD 6190'. Ran temp log. Perf'd 5-1/2" csg 6172-6186' w/2 JSPF. RIH w/Lok-set pkr on 2-3/8" tbg, set OE @ 6181'. SITP 200#, made swab run to 6180', rec 2 BO & 3 BW, good blow gas. Acidized Abo 6172-6186' w/300 gal 15% HCL-NE acid, 500 gal 10# CaCl wtr, 500 gal LC, 2000 gal 60/40 acid/xylene, flush w/18 BLC. On 24 hr potential test 9/4/78 flwd 40 BO, 0 BW & 81 MCFG, 60# FTP, 48/64" ck, GOR 2025:1. Final Report.

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

SIGNED

TITLE Dist Drlg. Supt.

DATE 9/28/78

(This space for Federal or State office use)

APPROVED BY

TITLE ACTING DISTRICT ENGINEER

DATE OCT - 2 1978

CONDITIONS OF APPROVAL, IF ANY: