

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIU
(Other instructio.
verse side)ATE*
n re-Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 016788

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Empire Abo Pressure
Maintenance Project

8. FARM OR LEASE NAME

Empire Abo Unit "K"

9. WELL NO.

191

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.

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
1526' FSL & 1470' FEL (Unit letter J)

14. PERMIT NO.

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

3627.4' 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 & Complete lower

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

X in Reef

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 5/23/77. Kld well, inst BOP & POH w/completion assy. Ran & set cmt retr @ 5917'. Squeezed Abo perms 5984-5998' w/150 sx LFL cmt followed by 50 sx Cl C cont'g 8/10 of 1% Halad 3 & 2% CaCl added. RO 12 sx cmt to pit. WOC. Drld out cmt & cmt retr @ 5917'. Press tstd squeeze job to 1550# 30 mins OK. 6304' PBD. Ran CBL, perf'd lower in Abo reef w/2 JSPF 6154-6172' = 18 - .36" holes. RIH w/pkr & tbg, set pkr @ 6096'. Trtd perms 6154-6172' w/500 gals 15% HCL NE acid. Flushed w/28 BLC. MP 1500#, Min 1000#, ISIP 900#, vac in 2 mins. Trtd Abo perms 6154-6172' w/12 BLC, 12 bbls 10# brine, 3000 gals 60/40 DAD acid, flushed w/12 BLC. MP 800#, Min 400#, ISIP 100#, on vac in 1 min. Swbd back load & cleaned up. POH w/pkr & tbg. Set CIBP @ 6130'. Perf'd add'l Abo w/2 JSPF 6056-6066' = 20 holes. RIH w/pkr & tbg, set pkr @ 6013'. Trtd perms 6056-6066' w/300 gals 15% HCL acid, 500 gals LC, 800 gals 10# brine & 2000 gals 60/40 DAD, flushed w/500 gals LC. MP 2800#, Min 300#, ISIP 500#, vac in 5 mins. Swbd back & flwd to test tank, rec all load oil. On 24 hr potential test 6/20/77 flwd Abo perms 6056-66', 156 BO, 0 BW & 107 MCFG on 36/64" ck, FTP 60#, GOR 686:1. Final Report.

RECEIVED

JUN 24 1977

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

TITLE Dist. Drlg. Supt.

DATE 6/23/77

(This space for Federal or State office use)

APPROVED BY

TITLE

ACTING DISTRICT ENGINEER

DATE JUN 27 1977

CONDITIONS OF APPROVAL, IF ANY: