

UN. ED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIP
(Other instructions
reverse side)TE*
1 re

Copy to SF

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., B., 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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	RECEIVED OCT 5 1976 D.C.C. ARTESIA, OFFICE
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

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐PULL OR ALTER CASING ☐FRACTURE TREAT ☐MULTIPLE COMPLETE ☐SHOOT OR ACIDIZE ☐ABANDON* ☐REPAIR WELL ☐CHANGE PLANS ☐(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐REPAIRING WELL ☐FRACTURE TREATMENT ☐ALTERING CASING ☐SHOOTING OR ACIDIZING ☐ABANDONMENT* ☐(Other) Log, DST, Run Prod Csg & Cmt ☒

(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.)*

Finished drlg 7-7/8" hole to 6350' TD @ 6:00 PM 9/11/76. Ran GR-Neutron log, BHC Sonic, Dual LL w/Micro SFL, Comp Neutron Formation Density & GR Collar log. Ran DST #1 & 2, unsuccessful. DST #3, Abo 6000-6025'. TO @ 3:30 PM 9/13/76. Flwd 2-3/4 hrs to pit. On 1 hr test FTP 90#, ck 36/64", prod 11.4 BOPH ARO 274 BOPD & 12 MCFGPH ARO 144 MCFGPD. GOR 525:1. Closed tool @ 7:15 PM 9/13/76. Ran 286.94' of 5 1/2" OD 15.5# K-55 csg on btm followed by 6059.91' of 5 1/2" OD 14# K-55 csg. DV tool @ 4011', FC @ 6310'. 5 1/2" OD csg set @ 6350'. Cmtd 1st stage 5 1/2" OD csg w/500 sx Cl C 50/50 Pozmix cont'g 2% gel, 8# salt/sk, .8% CFR-2 & 5# Gilsonite/sk. PD @ 5:10 PM 9/14/76. Opened DV tool & circ 75 sx cmt to pit. Cmtd 2nd stage thru DV tool @ 4011' w/900 sx LW cmt cont'g 8# salt/sk followed by 100 sx Cl C cmt cont'g 8# salt/sk. PD @ 12:30 AM 9/15/76. Circ 75 sx cmt to pit. Cmt circ to surf. WOC 48 hrs. Drld out DV tool & found PBD @ 6304'. Press tstd csg to 2000# 30 mins OK. Perf'd Abo zone 5984-98' w/2 JSPF (29 - .49" holes). RIH w/2-3/8" tbgs, pkr & SN. TP @ 5962'. Pkr @ 5929'. Trtd Abo perfs 5984-98' w/2000 gals 15% HCL-LSTNE acid cont'g iron sequestrant followed by 24 BLC. MP 2700#, Min 1300#, ISIP 150#, 1 min vac. Swbd 2 hrs, rec 6 BLW & 24 BLO. Flwd to clean up. On 24 hr potential test 9/25/76 flwd 579 BO, 0 BW & 373 MCFG on 48/64" ck, FTP 155#, GOR 644:1. Final Report.

RECEIVED

SEP 30 1976

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

TITLE Dist. Drlg. Supv.

DATE 9/28/76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: