

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIP
(Other instruction
verse side)DATE
re-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.)

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

2370' FSL & 1510' FWL (Unit letter K)

RECEIVED

AUG 2 1977

OFFICE

7. UNIT AGREEMENT NAME
Empire Abo Pressure
Maintenance Project8. FARM OR LEASE NAME
Empire Abo Unit "K"

9. WELL NO.

183

10. FIELD AND POOL, OR WILDCAT

Empire Abo

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

1-18S-27E

14. PERMIT NO.

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

3594' GR

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

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, Run Csg & Cmt, Perf & TreatX

(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.)*

Drl'd 7-7/8" hole to 5646' @ 11:00 AM 7/8/77. Core #1 5646-5668' Abo, core bbl jammed. POH & rec 19.5' core, Dolo vuggs. Core #2 5668-5675' Abo, rec 7' core Dolo vuggs. Core #3 5950-5980', Abo, rec 30' core, Dolo pin point fr. Core #4 5980-6010' Abo, rec 30' core, Dolo vuggy, vert fr. Drlg new fm @ 7:30 PM 7/12/77. Fin drlg 7-7/8" hole @ 7:00 AM 7/13/77 to 6210' TD. Ran GR-DLL w/RXO, CNL-FDL & Caliper, GR-Cal-N-Sonic. DST #1 Abo 5781-5806', TO @ 9:30 AM 7/15/77 for 1/2 hr preflow. Tool closed @ 10 AM 7/15/77 for ISIP. TO @ 10:15 AM for flow period. Flwd 168 MCFPD, no fluid to surf. Closed tool @ 10:57 AM 7/15/77. IH 2863, IFP 97, ISIP 1050, FFP 191, FSIP 936, FHP 2863, Temp 109°. DST #2, Abo 5860-5885'. TO @ 11:43 AM 7/15/77 for preflow period. Closed tool @ 12:14 PM for ISIP. TO @ 1 PM, fluid to surf in 1 hr & 20 mins. Flwd 20 mins & died. Closed tool @ 5 PM 7/15/77. Rel tool & RO 31 BO. IH 2867, IF 605, ISIP 936, FFP 791, FHP 2884, Temp 109°. POH w/test tools. Ran 5 1/2" OD 15.5# 8R K-55 csg, set @ 6210'. FC @ 6164', DV tool @ 4189'. Cmt'd 5 1/2" OD csg as follows: 1st stage - pmp'd 10 BW, 10 BM sweep, 20 BV, 460 sx 50/50 Pozmix "C", 2% gel, 8# salt/sk, 6/10 of 1% CFR-2, 5# Gilsonite/sk. Bumped plug w/1800# @ 4 PM 7/16/77. Circ 50 sx cmt to pit. Stage #2 - cmt'd thru DV tool w/1100 sx Light cmt w/8# salt/sk & 100 sx Cl C w/8# salt/sk. Bumped plug @ 11:30 PM 7/16/77 w/2500#. Circ 219 sx cmt to pit. WOC 48 hrs. Drl'd out DV tool @ 4189', press tstd csg to 1500# 30 mins OK. Tagged FC @ 6162'. Ran GR- CBL. Perf'd Abo 6104-6126' w/2 JSPF. RIH w/2-3/8" OD tbg & Lok-set pkr, set pkr @ 6038', TP @ 6069. Trtd Abo perfs 6104-6126' w/300 gal 15% HCL, 500 gal LC, 500 gal 10# CaCl wtr, 2000 gal 60/40 15% HCL/xylene, flush w/12 BLC. Swbd & kicked well off flwg to test tank & cleaned up. On 24 hr potential test 7/24/77 flwd 183 BO, 0 BW & 179 MCFG, 80# FTP, 48/64" GOR 978:1.

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

SIGNED

TITLE Dist. Drlg. Supt

DATE

7/26/77

(This space for Federal or State office use)

APPROVED BY

TITLE ACTING DISTRICT ENGINEER

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side