

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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APR - 2 1979

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. B-2071-23

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 TO DRILL" (FORM C-101) 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 UNIT LETTER P 136 FEET FROM THE South LINE AND 800 FEET FROM East THE LINE, SECTION 27 TOWNSHIP 17S RANGE 28E N.M.P.M.

7. Unit Agreement Name Empire Abo Pressure Maintenance Project
8. Name of Lease Name Empire Abo Unit "D"
9. Well No. 361
10. Field and Pool, or Wildcat Empire Abo

15. Elevation (Show whether DF, RT, GR, etc.) 3665.5' GR

12. County Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐ TEMPORARILY ABANDON ☐ PULL OR ALTER CASING ☐ OTHER ☐	REMEDIAL WORK ☐ COMMENCE DRILLING OPNS. ☐ CASING TEST AND CEMENT JOB ☒ Production OTHER Log ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

On 2-15-79 encountered water flow @ 1480' ARO 1028 BPD. Flow decreased to 514 BPD @ 2125'. Finished 7-7/8" hole to 3910' @ 11:15 PM 2-18-79. Water flow continued @ 500 BPH. Finished drlg directional hole 3910-6414' TD @ 4:30 AM 3-2-79. Ran Comp DL-Comp NL w/Caliper, DLL-MLL. Lost circ while circ for logs, regained circ, water flow decreased. RIH w/5-1/2" OD 15.5# K-55 csg set @ 6414'. FC @ 6373', SC @ 4508'. Cmdt 1st stage w/25 BW, 10 BBL mud sweep, 10 BW, 175 sx HOWCO Lite cmt w/2% CaCl, 1/4# flocele & 5# Gilsonite/sk. BP @ 2:10 PM 3-3-79. Opened DV tool, cmt did not circ. Packed off braden head, cmdt 2nd stage thru 2-2" lines thru bradenhead w/800 sx Thik-set cmt w/2% CaCl followed by 100 sx Cl C cmt, 2% CaCl. BP & closed DV tool @ 7:00 PM 3-3-79. Did not circ cmt. WOC 72 hrs. Ran sound log & CBL, TOC @ 1230' fr surf. Perf' 5-1/2" csg 1226-1227' w/4 JS. Had backflow. RIH w/cmt retr, set retr @ 1124'. Cmdt thru perfs 1226-27' w/300 sx Thik-set cmt, 2% CaCl. MP 1000#. Circ 60 sx cmt to pit. WOC 24 hrs. Drld out cmt retr & cmt. Press tested squeeze job to 1500#, bled off to 100# in 30 sec. Had small flow back. Set cmt retr @ 1156'. Cmdt perfs 1226-27' w/100 sx Cl C Contg 4% gel and 100 sx Cl C Contg 3# salt/sk, 3% CaCl. MP 1200#. RO 1 bbl cmt. WOC 24 hrs. Drld cmt retr & cmt. Press tested csg to 1500# for 30 mins. OK. Drld cmt & SC @ 4508'. Press tested csg to 1500# for 30 mins. OK. CO to FC @ 6373'. Ran CBL 6360-4400', good bond. Ran Eastman Gyro-Multi-shot survey. Perf'd Abo 6300-6310'. Acidized perfs 6300-6310' w/150 gals 15% HCL-LSTNE-FE acid followed by 1500 gals 10# gelled Ca Cl wtr, 1500 gals gelled LC, 1500 gals 15% HCL-LSTNE-FE acid. Swbd & flwd 8 hrs, rec 40 BLO, 44 BNO, 30 BLW, kicked off flwg. On 24 hr Potential test 3-23-79 flwd 89 BO, 0 BW & 132 MCFG, 100# FTP, 48/64" ck, GOR 1483:1. Final Report.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Dist. Drlg. Supt. DATE 3-29-79

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE APR 3 - 1979

CONDITIONS OF APPROVAL, IF ANY: