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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

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AUG - 7 1978

a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. B-3823-1	
7. Unit Agreement Name Empire Abo Pressure Maintenance Project	
8. Farm or Lease Name Empire Abo Unit "I"	
9. Well No. 272	
10. Field and Pool, or Wildcat Empire Abo	
12. County Eddy	

SUNDY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT ZONE FROM THE ONE FOR WHICH THIS PERMIT WAS ISSUED. USE "APPLICATION FOR PERMIT -" (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 B 1300 FEET FROM THE North LINE AND 2345 FEET FROM
THE East LINE, SECTION 5 TOWNSHIP 18S RANGE 28E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3651.9' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☒ Production	OTHER ☒ Perf. Squeeze, Perf. Acidize

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.

(See Next Page)

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

SIGNED W. R. Gressett TITLE Dist. Drlg. Supt. DATE 8-1-78

APPROVED BY W. R. Gressett TITLE SUPERVISOR, DISTRICT II DATE AUG - 8 1978

CONDITIONS OF APPROVAL, IF ANY:

On 6-19-78 drld to 5525', ran Magnetic-Multi-shot Directional Survey 600-4874'. Survey indicated 186.33' N 03° W. Rec coor 186.15' N 8.14' W. Finished 7-7/8" hole to 6350' TD @ 12:30 PM 6-25-78. Ran DLL-RXO, CNL-FDC, GR-N, Sonic VDL w/caliper. RIH w/5-1/2" OD 15.5# K-55 csg set @ 6350'. FC @ 6305'. DV tool @ 3060'. Cmt in 2 stages. 1st stage cmt w/100 bbls 2% KCL wtr, 12 bbl mud sweep, 575 sx BJ lite, 6% gel, 10# 20-40 sd, 5# 100 mesh sd, 8# salt/sk. 180 sk Falsett contg 2% CaCl. Opened DV tool & circ 4 hrs, no cmt circ. 2nd stage cmt w/925 sx BJ lite contg 8# salt/sk, followed by 100 sx Cl C cont'g 6# salt/sk & 2% CaCl. PD @ 6:30 AM 6-27-78. Circ 125 sx to pit. WOC 72 hrs. Drld out DV tool @ 3060'. Pressure tested csg to 1500# for 30 mins. OK. Ran GR-Corr log. Perf'd Abo 6012-27' w/2 JSPF. Flwd thru 5 1/2" csg 2 hrs ARO 600 MCFGPD. RIH w/Lok-set pkr on 2-3/8" OD tbg, set pkr @ 5930', SN @ 5925'. Trtd perfs w/300 gals 15% HCL-NE acid, flushed w/18 BO. In 5 hrs swbd 14 BO & 11 BLW. Well flwd on test 4 hrs @ 331 MCFPD on 70# FTP, 3/4" orifice, rec 2 BNO & 2 BLW. Killed well, POH w/tbg. RIH w/cmt retr., set cmt retr @ 5950' squeezed perfs 6012-6027' w/150 sx Cl C w/6/10 of 1% Halad 9 followed by 75 sx Cl C cont'g 2% CaCl. Rev out 35 sx cmt. WOC. Drld out cmt retr @ 5950', cmt to 6005'. POH w/tbg. Perf'd Abo 6076-90' w/2 JSPF, RIH w/Lok set pkr on 2-3/8" tbg, set pkr @ 5984'. Acidized perfs 6076-6090' w/300 gals 15% NE-FE acid flushed w/24 BO. In 4 hrs flwd 9 BNO, 6 BFW, 285 MCFGPD, FTP 40#, 48/64" ck. Killed well, POH w/pkr & tbg. RIH w/cmt retr, set retr @ 6045'. Squeezed perfs 6076-90' w/150 sx Cl C cmt cont'g .6 of 1% Halad 9 followed by 75 sx Cl C cmt cont'g 2% CaCl, squeezed w/133 sx in form. WOC. Drld cmt & cmt retr @ 6045'. Press tested squeeze job to 1000# for 30 mins. OK. Ran CBL 6183-4183'. OK. Perf'd Abo 6190-6210' w/2 JSPF. RIH w/Lok-set pkr on 2-3/8" OD tbg, set pkr @ 6145'. Ran base temp & GR survey. Spotted 400 gals 15% HCL-NE acid. Acidized w/1000 gals 10# CaCl wtr, 1000 gals LC, 1500 gals 60-40 HCL/xylene w/RA mat'ls, flushed w/18 BLC. Reran temp & GR survey. SION. Swbbd 30 BLO & 32 BLW. In 22 1/2 hours flwd 177 BO, 2 BW & 216 MCFG on 48/64" ck, FTP 100 #, GOR 1220:1. On 24 hr potential test 7/27/78 flwd 162 BO, 0 BW & 217 MCFG on 48/64" ck, 100# FTP, GOR 1340:1. FINAL REPORT.