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NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. B-3823-1	

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL ☒ GAS ☐ OTHER ☐		SEP 27 1978	7. Unit Agreement Name Empire Abo Pressure Maintenance Project
2. Name of Operator Atlantic Richfield Company		O.C.C. ARTESIA, OFFICE	8. Farm or Lease Name Empire Abo Unit "I"
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		9. Well No. 282	10. Field and Pool, or Wildcat Empire Abo
4. Location of Well UNIT LETTER A, 1150 FEET FROM THE North LINE AND 1270 FEET FROM THE East LINE, SECTION 5 TOWNSHIP 18S RANGE 28E NMPM.		11. Elevation (Show whether DF, RT, GR, etc.) 3655.1' GR	
12. County Eddy			

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☒ Production
OTHER Log, DST, perf, treat & Comp. ☒

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.

Finished drlg 7-7/8" hole to 6370' @ 1:30 AM 5-20-78. Ran DLL-RXO,CNL-FDC w/caliper, GR-N, Sonic-VDL. DST #1. Abo 5979-6004'. Opened tool for 15 min preflow w/strong blow,GTS in 10 mins. FTP 10#, no fluid to surf. Closed tool for 1 hr. ISI. TO @ 7:40 AM 5-22-78 w/good blow, FTP 8#, no fluid to surf. Closed tool @ 8:47 AM 5-22-78. Temp. 106° F., IHMP 2784. IF 167-256, ISI 1172, FF 193-509, FSI 1179, FHMP 2784. DST #2. Abo 6036-6061'. TO @ 10:15 AM 5-22-78. Opened w/slight gas flow, FTP 2#, no fluid to surf. Closed tool @ 12:25 PM 5-22-78. Dropped bar, RO 20 BO. Temp. 106° F. IHMP 2822, IF 635-1179, FHMP 2822. POH w/test tools. RIH w/5-1/2" OD 15.5# K-55 csg, FS, FC & SC. Csg set @ 6370'. SC set @ 2991'. Cmtd 5-1/2" OD csg w/100 bbls 2% KCL w/4 gal J-40 surfactant, 12 bbl mud sweep, 500 sx falset cmt cont'g 2% CaCl. PD on 1st stage @ 1:00 PM 5-23-78. Opened SC, circ 3 hrs & cmtd 2nd stage thru SC @ 2991' w/675 sx lite cmt, 6% gel, 8# salt/sk, followed by 100 sx Cl C cont'g 8# salt/sk. PD & bumped @ 6:00 PM 5-23-78 w/2000#. Circ cmt to surf. Circ 100 sx cmt to pit. WOC. Installed csghd. RIH w/bit, drld DV tool @ 2995', lowered bit & tagged cmt @ 6307'. Ran CBL, good bond, indicated TOC @ 3500'. Perfd Abo 6220-40' w/2 JSPF. RIH w/pkr on 2-3/8" OD tbg, set pkr @ 6123', acidized w/300 gals 15% HCL, 500 gals 10# CaCl, 500 gals LC, 2000 gals 60/40 15% HCL/xylene, flushed w/25 BLC. In 16 hrs swbbd 37 BLO, 27 BNO, 67 BLW, good show gas. RIH w/CIBP, set BP @ 6200', perf'd Abo 6170-80' w/2 JSPF. RIH w/Lok-set pkr on 2-3/8" OD tbg, set pkr @ 6065'. Swbbd perfs 2 hrs, rec 10 BO, 14 BW, rel pkr, tested BP to 1850 psi, lost 100 psi in 10 mins. POH w/pkr. Dumped 10' cmt on top of CIBP @ 6200'.

(Over)

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

SIGNED [Signature] TITLE _____ DATE 9-26-78

APPROVED BY For Record Only TITLE SUPERVISOR, DISTRICT II DATE SEP 29 1978

CONDITIONS OF APPROVAL, IF ANY:

RIH w/pkr, set @ 6065'. Acidiz... perfs 6170-80' w/30 gals 15% H₂O-NE, 1000 gals 10# CaCl wtr, 1000 gal oil, 1750 gals 60/40 acid/xylene, flushed w/18 BLC. Swbbd Abo perfs 6170-80' 19 hrs, rec 42 BLO, 122 BNO, 72 BLW & 52 BFW. RIH w/production assy. On 24 hr potential test 9-26-78 pmpd 104 BO, 40 BW & 92 MCFG. GOR 885:1. FINAL REPORT