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NEW MEXICO OIL CONSERVATION COMMISSION

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

SUNDARY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR WELLBORES TO BE DRILLED OR PRODUCED IN A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO DRILL (FORM C-101) FOR SUCH CASES.)

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 **A** **450** FEET FROM THE **East** LINE AND **700** FEET FROM THE **North** LINE, SECTION **5** TOWNSHIP **18S** RANGE **28E** NMPM.

5a. 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.
281

10. Field and Pool, or Wildcat
Empire Abo

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 ☐	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 ☒ Prod String	OTHER ☒ Log, Perf, Acidize, Cmt Squeeze & Complete

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.

Drld 7-7/8" hole to 6362' @ 10 PM 3/14/77. Ran GR-N, GR-DLL w/MLL & Caliper logs. Ran 988' of 5 1/2" OD 14# K-55 ST&C csg followed by 5372' 5 1/2" OD 15.5# K-55 ST&C & LT&C csg, w/FS, FC & DV tool. Set csg @ 6362' w/FC @ 6319' & DV tool @ 4380'. Cmtd 1st stage as follows: pmpd 10 bbls SAM-4 spacer & 25 BFW followed by 525 sx Cl C 50/50 Pozmix cont'g 2% gel, .6% CFR-2, 8# salt & 5# gil-sonite/sk. PD w/1200# @ 1:35 AM 3/16/77. Op DV tool w/1000# & circ out 30 sx cmt. Cmtd 2nd stage thru DV tool @ 4380' w/625 sx HL, 8# salt/sk followed by 100 sx Cl C, 8# salt/sk. No cmt to surf. PD @ 9:40 AM 3/16/77. Ran temp survey, indicated TOC @ 600'. WOC 36 hrs. DO DV tool @ 4380', press tstd csg to 1500# 30 mins OK. Lowered bit to 6308' OK. Ran GR-Corr, CBL, perf'd Abo 6272-6292'. Ran pkr & tbq, set pkr @ 6206'. Trtd Abo perfs 6272-6292' w/1000 gals 15% HCL-NE acid w/FE sequestrant. Flushed w/25 BLC. MP 1000#, Min 0#, ISIP 800#, vac in 7 mins. On 17 1/2 hrs swab test 3/27/77, rec tr oil, 64 BFW, gas not meas w/pull of swab, rec total of 4 BNO & 109 BFW. POH w/pkr & tbq. RIH w/cmt retr, set @ 6258'. Squeezed perfs 6272-92' w/125 sx HLX C-204 followed by 50 sx Cl C cmt. MP 4000#. RO 8 sx cmt. Perf'd Abo 6208-6224' w/2 JSPF. RIH w/Lok-set pkr on 2-3/8" OI EUE tbq, set pkr @ 6113'. Press tstd csg annulus w/750# OK. Trtd Abo perfs 6208-6224' w/500 gals 15% HCL-NE acid w/FE sequestrant. Flushed w/40 BLC. MP 1000#, Min 0#, ISIP 600#, vac in 3 mins. Swbd 3 hrs, rec 40 BLO, 0 BLW, slight show gas. Trtd Abo 6208-6224' w/12 bbls gel brine, 48 bbls 15% NE acid w/1 1/2 gal Adomall/1000 gal, 1/2 gal J4A/1000 gal, 1 gal C-15/1000 gal. Flushed w/40 BLC. MP 1450#, Min 950#, ISIP 700#, vac in 5 mins. On swab rec 40 BLO, 64 BO & 24 BLW. On 24 hr potential test 4/10/77 flwd 160 BO, 0 BW & 260 MCFG on 36/64" ck, 80# FTP, GOR 1625:1. 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 4/21/77

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE APR 28 1977

CONDITIONS OF APPROVAL, IF ANY: