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NEW MEXICO OIL CONSERVATION COMMISSION

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

FEB 15 1977

O.C.C.

SUNDRY NOTICES AND REPORTS ON WELLS

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

OIL WELL ☒ GAS WELL ☐ OTHER ☐

Name of Operator

Atlantic Richfield Company

Address of Operator

Box 1710, Hobbs, New Mexico 88240

Location of Well

UNIT LETTER N 660 FEET FROM THE South LINE AND 1980 FEET FROMTHE West LINE, SECTION 2 TOWNSHIP 18S RANGE 27E N.M.P.M.

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

3539' GR

5a. Indicate Type of Lease

State ☒ Fee ☐

5. State Oil & Gas Lease No.

B-7244

7. Unit Agreement Name

Empire Abo Pressure
Maintenance Project

8. Form of Lease Name

Empire Abo Unit "L"

9. Well No.

14

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:

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 JOBS ☐OTHER Repair Csg, Squeeze Perfs & Reperf ☒

Lower in Reef & Treat

ALTERING CASING ☐PLUG AND ABANDONMENT ☐

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.

RU, kld well, install BOP & POH w/completion assy. Ran GR-N log 5500-6075' & GR-CBL 4350-6070'. TOC indicated @ 4840'. Ran & set cmt retr @ 5702'. Squeeze Abo perfs 5810-5845' w/100 sx Cl C cont'g .6% Halad 9 followed by 75 sx Cl C cont'g 8# sd/sk. Max & final press 4000#. RO 21 sx cmt. Ran csg insp log 0-5000'. Located leaks 1536-2200' in 5 1/2" csg. Cut 5 1/2" ODcsg @ 2738'. Latched into csg w/spear, csg free. POH w/2738' csg. Dressed top of 5 1/2" csg stub @ 2738'. RIH w/2' Bowen csg patch on 1067' 5 1/2" OD 14# K-55 csg followed by 1654' 5 1/2" OD 14# J-55 csg, latched onto 5 1/2" OD csg stub @ 2738'. Pld 55,000# OK. Perf'd 4 squeeze holes @ 4300-02'. RIH w/cmt retr & set @ 4240'. Pmpd 1050 sx lite cmt cont'g 8# salt/sk followed by 200 sx Cl C cont'g 2% CaCl & 5# salt/sk. Temp survey indicated TOC @ 225' FS. DO retr @ 4240' & cmt to 4381'. Press tstd csg to 1000#, bled to 275# in 5 mins. RIH w/retr, set @ 4240', squeezed perfs 4300-02' w/75 sx Cl C w/.6% Halad 9, follow by 75 sx Cl C cont'g 5# salt/sk. MP 2500#, FP 1000#. Closed retr, RO 2 sx cmt. Drld retr @ 4240' & cmt to 5847'. PBD 6075'. Press tstd csg to 1000# 30 mins. OK. Perf'd Abo 6010-6034' w/2 JSPF (49 - .48" holes). RIH w/Lok-set pkr on 2-3/8" OD EUE tbg, set pkr @ 5911' & TP @ 5944'. Acidized Abo perfs 6010-34' w/3000 gals 15% HCL-LSTNE acid w/iron sequestrant. MP 1800#, ISIP vac. On 24 hr potential test 2/9/77 flwd 416 BO, 0 BW on 48/64" ck, FTP 120#, GOR 599:1.

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 2/11/77APPROVED BY [Signature]TITLE SUPERVISOR, DISTRICT IIDATE FEB 15 1977