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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 24 1977

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 - (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 1260 FEET FROM THE North LINE AND 1580 FEET FROM THE East LINE, SECTION 6 TOWNSHIP 18S RANGE 28E N.M.P.M.

5. Elevation (Show whether DF, RT, GR, etc.)
3671' GR

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
B-11594

7. Unit Agreement Name
Empire Abo Pressure Maintenance Project

8. Farm or Lease Name
Empire Abo Unit "I"

9. Well No.
231

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 ☐ 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 ☐

OTHER ☐

SUBSEQUENT REPORT OF:

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 7/20/77. Killed well, installed BOP & POH w/compl assy. RIH w/CIBP, set BP @ 6040'. Perf'd 5 1/2" csg w/4 - 1/2" JS 5994-5996'. RIH w/cmt retr on tbg, set retr @ 5795'. Squeezed Abo perfs 5994-96' w/150 sx Cl C cont'g 8/10 of 1% Halad 3 & 2% CaCl & 75 sx Cl C, 2% CaCl. RO 77 sx cmt. WOC. Drld cmt 5785-95', cmt retr 5795-98' & cmt 5798-6000'. Press tstd csg to 1500# 30 mins OK. Drld BP @ 6040'. RIH w/compl assy, set tbg @ 6063' & Lok-set pkr @ 6028'. Acidized perfs 6109-20' & 6125-45' w/250 gals 7 1/2% NE acid followed by 14 BFW. Acidized Abo perfs 6109-45' w/500 gals 15% HCL-NE acid, flushed w/22 bbls trtd wtr. POH w/pkr & tbg. WIH w/bit & CO 6106-6222' PBD. RIH w/2-3/8" OD EUE tbg, set @ 6066', pkr @ 6030'. Loaded 5 1/2" x 2-3/8" annulus w/trtd wtr. Acidized Abo perfs 6109-45' w/500 gals LC 500 gals 10# CaCl wtr & 2000 gals 60/40 15% HCL/xylene. Flushed w/18 BLC. On 24 hr potential test 8/17/77 flwd Abo perfs 6109-45', 294 BO, 0 BW & 442 MCFG, FTP 140#, 22/64" ck, GOR 1503:1. Final Report.

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

SIGNED L. Ray Th... TITLE Dist. Drlg. Supt. DATE 8/23/77

APPROVED BY W. A. Gressett TITLE SUPERVISOR DISTRICT II DATE AUG 25 1977

CONDITIONS OF APPROVAL, IF ANY: