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U.S.G.S.

LAND OFFICE

OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION

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NOV 27 1978

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.

647-349, 647-351

SUNDRY NOTICES AND REPORTS ON WELLS

O. C. C.

ARTERIA OFFICE

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

OIL WELL ☒

GAS WELL ☐

OTHER-

1. Name of Operator

Atlantic Richfield Company ✓

2. Address of Operator

P. O. Box 1710, Hobbs, New Mexico 88240

3. Location of Well

UNIT LETTER N 800 FEET FROM THE South LINE AND 1340 FEET FROM

THE West LINE, SECTION 33 TOWNSHIP 17S RANGE 28E NMPM.

7. Unit Agreement Name

Empire Abo Pressure Maintenance Project

8. Farm or Lease Name

Empire Abo Unit "H"

9. Well No.

303

10. Field and Pool, or Wildcat

Empire Abo

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

3665.6' 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 ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS. ☒

CASING TEST AND CEMENT JOB ☒

OTHER ☐

ALTERING CASING ☐

PLUG AND ABANDONMENT ☐

Surface

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.

Spudded 11" hole @ 10:45 AM 11/17/78. Drld to 600'. RIH w/8-5/8" OD 24# K-55 csg set @ 600'. FC set @ 514', FS @ 600'. Cmtd 8-5/8" OD csg w/300 sx C1 C cmt cont'g 5# salt/sk, 2% CaCl, 1/4# flocele followed by 100 sx C1 C cmt cont'g 5# salt/sk & 2% CaCl. BP @ 1:00 AM 11/18/78. Circ 100 sx C1 C cmt to pit. WOC 8 hrs. The following compressive strength criterion is furnished for cmtg in accordance w/option 2 of the OCC Rules & Regulations.

1. The volume of cmt slurry used was 405 cu ft C1 C cmt cont'g 5# salt/sk, 2%CaCl & 1/4# flocele/sk, followed by 135 cu ft C1 C cmt cont'g 5# salt/sk & 2% CaCl. Circ 135 cu ft cmt to pit.
2. Approx temperature of cmt slurry when mixed was 75°F.
3. Estimated minimum formation temperature in zone of interest was 68°F.
4. Estimate of cmt strength @ time of csg test was 1050 psig.
5. Actual time cmt in place prior to starting test was 8 hrs.

Pressure tested csg to 1000# 30 mins OK.

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

SIGNED

Roy Knott

TITLE Dist. Drlg. Supt.

DATE 11/22/78

APPROVED BY

W. R. Gessert

TITLE SUPERVISOR, DISTRICT II

DATE NOV 28 1978

CONDITIONS OF APPROVAL, IF ANY: