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NEW MEXICO OIL CONSERVATION COMMISSION

APR 20 1978

O. C. C.

REGISTRY OFFICE

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
7. Unit Agreement Name	Empire Abo Pressure Maintenance Project
8. Farm or Lease Name	Empire Abo Unit "H"
9. Well No.	301
10. Field and Pool, or Wildcat	Empire Abo
12. County	Eddy

SUNDY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR OPERATIONS TO DRILL OR TO RE-ENTER OR TO JACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO DRILL (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 N 150 FEET FROM THE South LINE AND 1650 FEET FROM THE West LINE, SECTION 33 TOWNSHIP 17S RANGE 28E N.M.P.M.

15. Elevation (Show whether DF, RT, GR, etc.)
3659.8' GR

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 ☒ Surface	OTHER ☐

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 @ 6:30 PM 4/15/78. Drld to 178', lost circ, drld ahead to 595' w/o returns. Ran 8-5/8" OD 24# K-55 casing, FS & FC. Set FS @ 595', FC @ 503' & csg @ 595'. Cmdt w/35 BFW, 250 s; C1 C Thik-set, 100 sx C1 C cont'g 6# salt/sk & 2% CaCl. PD & bmpd w/400# @ 9:40 AM 4/15/78. Cmt did not circ. Cmt indicated @ 178' FS w/meas line. Cmdt 178' to surf behind 8-5/8" csg w/7 yds Redi-mix. WOC 13 hrs. Pressure tested csg to 1000# 30 mins OK. The following cement strength criterion is furnished for cmtg in accordance w/Option 2 of the OCC Rules & Regulations:

1. The volume of cmt slurry was 330 cu ft of C1 C Thik-set, 132 cu ft C1 C cont'g 6# salt/sk & 2% CaCl. Filled behind 8-5/8" csg 178' to surf w/7 yds Redi-mix cmt.
2. Approx temperature of cmt slurry when mixed was 75°F.
3. Estimated minimum formation temperature in zone of interest was 66°F.
4. Estimate of cmt strength at time of casing test was 1400 psig.
5. Actual time cmt in place prior to test was 13 hrs. Commenced drlg new 7-7/8" hole @ 10:45 PM 4/15/78.

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

SIGNED <u>W. P. Gressett</u>	TITLE <u>Dist. Drlg. Supt.</u>	DATE <u>4/19/78</u>
APPROVED BY <u>W. P. Gressett</u>	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>APR 21 1978</u>
CONDITIONS OF APPROVAL, IF ANY:		