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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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MAR 17 1978

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	647

SUNDRY NOTICES AND REPORTS ON WELLS
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO RE-OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
(SEE APPLICATION FOR REPORT ON (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 I 1500 FEET FROM THE South LINE AND 700 FEET FROM
THE East LINE, SECTION 33 TOWNSHIP 17S RANGE 28E NMPM.
5. Elevation (Show whether DF, RT, GR, etc.)
3663.9' GR

7. Unit, Agreement, Lease	Empire Abo Pressure Maintenance Project
8. Farm or Lease Name	Empire Abo Unit "G"
9. Well No.	323
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 OPS. ☒	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☒ 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 @ 7:00 PM 3/12/78. Fin drlg 11" hole to 600' @ 6:45 AM 3/14/78. Ran 8-5/8" OD 24# K-55 8rd csg set @ 600'. FC @ 511'. Cmt'd 8-5/8" OD csg w/200 sx Cl C cont'g 6# salt, 2% CaCl, 1/4# flocele/sk followed by 100 sx Cl C cont'g 6# salt & 2% CaCl. BP @ 11:30 AM 3/14/78. Circ cmt to surf & 55 sx to pit. WOC 12-1/2 hrs. The compressive strength criterion is furnished for cmtg in accordance w/OCC Rules & Regulations Option 2 as follows:

- The volume of cmt slurry was 334 cu ft of Cl C cont'g 4% gel, 6# salt, 2% CaCl, 1/4# flocele/s followed by 132 cu ft of Cl C cont'g 6# salt & 2% CaCl. Circ 92 cu ft to pit.
- Approximate temperature of cmt slurry when mixed was 75°F.
- Estimated minimum formation temperature in zone of interest was 66°F.
- Estimate of cmt strength at time of csg test was 1800 PSIG.
- Actual time cmt in place prior to starting test was 12-1/2 hrs. Pressure tested csg to 1000# for 30 mins OK.

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

SIGNED <u>John H. Smith</u>	TITLE <u>Dist. Drlg. Supt.</u>	DATE <u>3/16/78</u>
APPROVED BY <u>Mike Williams</u>	TITLE <u>OIL AND GAS INSPECTOR</u>	DATE <u>MAR 20 1978</u>

CONDITIONS OF APPROVAL, IF ANY: