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NEW MEXICO OIL CONSERVATION COMMISSION

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AUG 25 1977

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

SUNDRY NOTICES AND REPORTS ON WELLS DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO RE-OPEN OR PLUG BACK TO A WELL. USE "APPLICATION FOR PERMIT TO DRILL" (FORM C-101) FOR SUCH PROPOSALS.		5a. Indicate Type of Lease State ☒ Fee ☐
1. OIL WELL ☒ GAS WELL ☐ OTHER ☐		5. State Oil & Gas Lease No. 647
2. Name of Operator Atlantic Richfield Company		7. Unit Agreement Name Empire Abo Pressure Maintenance Project
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		8. Farm or Lease Name Empire Abo Unit "F"
4. Location of Well UNIT LETTER <u>E</u> <u>1286</u> FEET FROM THE <u>West</u> LINE AND <u>1602</u> FEET FROM THE <u>North</u> LINE, SECTION <u>34</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.		9. Well No. 333
15. Elevation (Show whether DF, RT, GR, etc.) 3672.7' GR		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 ☐	SUBSEQUENT REPORT OF: PLUG AND ABANDON ☐ CHANGE PLANS ☐ OTHER ☐ REMEDIAL WORK ☐ COMMENCE DRILLING OPNS. ☒ CASING TEST AND CEMENT JOB ☒ Surf Csg OTHER ☐ 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.

Spudded 11" hole @ 2:00 PM 8/16/77. Fin drlg 11" hole to 750' @ 1:30 AM 8/18/77. Ran 8-5/8" OD 24# K-55 ST&C csg set @ 750'. FC @ 689'. Cmtd 8-5/8" csg w/300 sx Cl C, 4% gel, 6# salt, 1/4# celloflake, 2% CaCl followed by 100 sx Cl C, 6# salt, 2% CaCl. PD @ 6:30 AM 8/18/77 w/1000#. Circ 35 sx cmt to pit. WOC 12 1/2 hrs. Press tstd csg to 1500# 30 mins OK. The following compressive strength criterion is furnished in accordance w/OCC Option 2 rules & regulations.

1. Volume of cmt slurry was 456 cu ft of Cl C cont'g 4% gel, 6# salt, 1/4# celloflake, 2% CaCl followed by 132 cu ft Cl C cont'g 6# salt, 2% CaCl.
2. Approx temp of cmt slurry when mixed was 81°F.
3. Estimated minimum formation temperature in zone of interest was 68°F.
4. Estimate of cmt strength when tested was 850 PSIG.
5. Actual time cmt in place prior to test was 12 1/2 hrs.

Commenced drlg new formation @ 7:00 PM 8/18/77.

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 8/24/77

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE AUG 25 1977

CONDITIONS OF APPROVAL, IF ANY: