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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 - 9 1978

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR RE-DRILL OR TO ABANDON OR PLUG A WELL OR TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT TO DRILL (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐		O. C. C. ARTESIA, OFFICE	
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 <u>P</u> <u>1050</u> FEET FROM THE <u>South</u> LINE AND <u>250</u> FEET FROM THE <u>East</u> LINE, SECTION <u>33</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.			

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. 321	
10. Field and Pool, or Wildcat Empire Abo	
12. County Eddy	

15. Elevation (Show whether DF, RT, GR, etc.) 3662.4' GR	
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 ☐	PLUG AND ABANDON ☐ CHANGE PLANS ☐ OTHER ☐
SUBSEQUENT REPORT OF:	
REMEDIAL WORK ☐ COMMENCE DRILLING OPNS. ☒ CASING TEST AND CEMENT JOBS ☒ 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 @ 6:45 PM 2-22-78. Finished drlg 11" hole to 600' @ 8:00 AM 2-23-78. RIH w/8-5/8" OD 8R 24# K-55 ST&C csg, set csg @ 600'. FC set @ 510'. Cmt'd 8-5/8" csg w/200 sx Cl C cont'g 4% gel & 6#/sk salt, 2% CaCl, 1/4#/sk Flocele followed by 100 sx Cl C cmt cont'g 2% CaCl & 6#/sk salt. PD w/1200# @ 12:30 PM 2-23-78. Circ to surf. WOC 8 hrs. Press tested csg to 1000# for 30 mins. Tested OK. The following compressive strength criterion is furnished for cementing by option 2 of the OCC Rules & Regulations:

- Volume of cmt slurry was 334 cu.ft. of Cl C cont'g 4% gel & 6#/sk salt, 2% CaCl, 1/4#/sk flocele followed by 132 cu.ft. of Cl C cont'g 2% CaCl & 6#/sk salt.
- Approximate temperature of cmt slurry when mixed was 70° F.
- Estimated minimum formation temperature in zone of interest was 66° F.
- Estimate of cmt strength @ time of csg test was 1425 psig.
- Actual time cmt in place prior to starting test was 8 hrs.
Begin drlg 7-7/8" hole @ 1:00 AM 2-24-78.

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

SIGNED <u>[Signature]</u>	TITLE <u>Dist. Drlg. Supt.</u>	DATE <u>2-28-78</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>MAR 14 1978</u>
CONDITIONS OF APPROVAL, IF ANY:		