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NEW MEXICO OIL CONSERVATION COMMISSION

FEB 2 1979

O. C. C.
ARTESIA, OFFICE

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

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. 647-364

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- 2. Name of Operator Atlantic Richfield Company ✓ 3. Address of Operator Box 1710, Hobbs, New Mexico 88240 4. Location of Well UNIT LETTER <u>E</u> <u>2250</u> FEET FROM THE <u>North</u> LINE AND <u>570</u> FEET FROM THE <u>West</u> LINE, SECTION <u>34</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM. 15. Elevation (Show whether DF, RT, GR, etc.) 3664.3' GR	7. Unit Agreement Name Empire Abo Unit Pressure Maintenance Project 8. Farm or Lease Name Empire Abo Unit "F" 9. Well No. 335 10. Field and Pool, or Wildcat Empire Abo 12. County Eddy
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16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/> 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 @ 8:30 PM 1/27/79. Fin 11" hole to 750' @ 2 PM 1/28/79. RIH w/8-5/8" OD 24# K-55 csg, set @ 750', FC @ 664'. Cmt'd 8-5/8" OD csg w/300 sx C1 C cmt cont'g 4% gel, 2% CaCl followed by 150 sx C1 C cmt cont'g 6# salt, 2% CaCl. PD @ 6:30 PM 1/28/79. Circ 75 sx cmt to pit. WOC 12 hrs. The following compressive strength criterion is furnished for cmtg in accordance w/Option 2 of the OCD Rules & Regulations.

- The volume of cmt slurry used was 507 cu ft of C1 C cmt cont'g 4% gel, 2% CaCl followed by 198 cu ft of C1 C cmt, 6# salt, 2% CaCl. Circ 127 cu ft cmt to pit.
- Approx temp of cmt slurry when mixed was 65°F.
- Estimated minimum fm temp in zone of interest was 68°F.
- Estimate of cmt strength at time of casing test was 1250 psig.
- Actual time cmt in place prior to starting test was 12 hrs. Press tstd csg to 1000# 30 mins OK.

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 1/31/79
APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE FEB 2 1979
CONDITIONS OF APPROVAL, IF ANY: