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NEW MEXICO OIL CONSERVATION COMMISSION

JAN 31 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.
647-368
647-363 647-320

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 <input type="checkbox"/>	7. Unit Agreement Name Empire Abo Pressure Maintenance Project
2. Name of Operator Atlantic Richfield Company ✓	8. Farm or Lease Name Empire Abo Unit "F"
3. Address of Operator Box 1710, Hobbs, New Mexico 88240	9. Well No. 382
4. Location of Well UNIT LETTER <u>F</u> <u>2400</u> FEET FROM THE <u>North</u> LINE AND <u>1600</u> FEET FROM THE <u>West</u> LINE, SECTION <u>35</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.	10. Field and Pool, or Wildcat Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3675.6' GL	12. County Eddy

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	OTHER <input type="checkbox"/>

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 @ 3:45 PM 1/24/79. Drld 11" hole to 800'. RIH w/8-5/8" OD 24# K-55 csg, set @ 800'. Cmtd 8-5/8" OD csg w/300 sx C1 C cmt cont'g 6% salt, 1/4# celloflake, 2% CaCl followed by 100 sx C1 C cmt cont'g 2% CaCl. BP w/900# @ 5:00 PM 1/25/79. Circ 100 sx cmt to surf. WOC 12 hrs. The following compressive strength criterion is furnished for cmtg w/Option 2 of the OCD Rules & Regulations:

1. The volume of cmt slurry used was 396 cu ft of C1 C cmt cont'g 6# salt, 1/4# celloflake/sk, 2% CaCl followed by 132 cu ft C1 C cmt cont'g 2% CaCl. Circ 132 cu ft cmt to surf.
2. Approx temp of cmt slurry when mixed was 65°F.
3. Estimated minimum formation temp in zone of interest was 67°F.
4. Estimate of cmt strength @ time of casing test was 1150 PSIG.
5. Actual time cmt in place prior to starting test was 12 hrs. Pressure tested 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 1/29/79

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE FEB 1 1979

CONDITIONS OF APPROVAL, IF ANY: