

NEW MEXICO OIL CONSERVATION COMMISSION

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5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
647

**O. C. C.**  
**SUNDRY NOTICES AND REPORTS ON WELLS**  
**ARTESIA, OFFICE**

(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 "E"
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 382
4. Location of Well UNIT LETTER <u>C</u> <u>1316</u> FEET FROM THE <u>West</u> LINE AND <u>1175</u> FEET FROM THE <u>North</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.) 3684.3' GR	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 <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 Casing	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 @ 2:00 PM 7/8/76. Fin drlg to 750' @ 7 AM 7/9/76. Ran 8-5/8" OD 8rd K-55 ST&C csg w/FC, FS & 4 cent. Csg set @ 750'. FC set @ 674'. Cmtd csg w/400 sx Cl C cmt cont'g 4% gel, 1/4#/sk celloflake, 6# salt/sk, 2% CaCl, followed by 100 sx Cl C cmt cont'g 2% CaCl. Plug down @ 10:45 AM 7/9/76. Circ 70 sx cmt to pit. WOC 12 hrs. The surface csg was cmtd in accordance w/Option 2 of the NMOCC Rules & Regulations. The following information is reported for cmtg under Option 2:

- The surface csg was cmtd w/676 cu ft of Cl C cmt cont'g 4% gel, 1/4#/sk celloflake, 6# salt/sk, 2% CaCl, followed by 151 cu ft Cl C cmt cont'g 2% CaCl. Circ 106 cu ft to pit.
- Approximate temp of cmt slurry when mixed was 80°F.
- Estimated minimum formation temp in zone of interest was 69°F.
- Estimate of cmt strength at time of casing test was 1200 psi.
- Actual time cmt in place prior to starting test was 12 hrs.

Pressure tested casing to 1000# for 30 mins, tested OK. Resumed drlg 7-7/8" hole @ 11:00 PM 7/9/76.

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. Supv. DATE 7/26/76.

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE JUL 28 1976

CONDITIONS OF APPROVAL, IF ANY: