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NEW MEXICO OIL CONSERVATION BOARD

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

MAY 3 1977

O. C. C.

ALBUQUERQUE, OFFICE

## SUNDRY NOTICES AND REPORTS ON WELLS

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

OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER <input type="checkbox"/>
Name of Operator Atlantic Richfield Company		
Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		
Location of Well UNIT LETTER <u>O</u> <u>2490</u> FEET FROM THE <u>East</u> LINE AND <u>313</u> FEET FROM THE <u>South</u> LINE, SECTION <u>33</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.		

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. 647-349 647-351
7. Unit Agreement Name Empire Abo Pressure Maintenance Project
8. Farm or Lease Name Empire Abo Unit "H"
9. Well No. 311
10. Field and Pool, or Wildcat Empire Abo
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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/> Surface
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>

7. 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 @ 6:30 PM 4/26/77. Fin drlg 11" hole to 550' @ 3:00 AM 4/27/77. Ran 8-5/8" OD 24# K-55 csg, set @ 550' w/FS on btm, FC @ 465'. Cmtd 8-5/8" OD 24# csg w/175 sx Cl C cmt contg 4% gel, 6# salt/sk, 2% CaCl & 1/4# flocele/sk, followed by 100 sx Cl C cont'g 6# salt/sk & 2% CaCl. Circ to surf. Circ 27 sx cmt to surf. Plug down w/400# @ 7:00 AM 4/27/77. WOC 14-3/4 hrs. The following compressive strength criterion is furnished for cementing under Option 2 of the OCC Rules & Regulations.

1. Volume of cmt slurry was 296 cu ft Cl C cont'g 4% gel, 6# salt/sk, 2% CaCl, 1/4# flocele/sk followed by 132 cu ft Cl C cmt cont'g 6# salt/sk & 2% CaCl.
2. Approximate temperature of cmt slurry when mixed was 70° F.
3. Estimated minimum formation temperature in zone of interest was 66°F.
4. Estimate of cement strength @ time of csg test was 2100 PSIG.
5. Actual time cement was in place prior to starting test was 14-3/4 hrs. Press tested to 1000# 30 mins, OK.

Resumed drlg new formation @ 8:45 PM 4/27/77.

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

CHD. <u>[Signature]</u>	TITLE <u>Dist. Drlg. Supt.</u>	DATE <u>4/29/77</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>MAY 3 1977</u>
CONDITIONS OF APPROVAL, IF ANY:		