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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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DEC 12 1978

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. 647-361
7. Unit Agreement Name Empire Abo Pressure Maintenance Project
8. Farm or Lease Name Empire Abo I
9. Well No. 261
10. Field and Pool, or Wildcat Empire Abo
12. County Eddy

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"/>	ARTESIA. OFFICIAL
2. Name of Operator Atlantic Richfield Company	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	
4. Location of Well UNIT LETTER C 1914 FEET FROM THE West LINE AND 1080 FEET FROM THE North LINE, SECTION 5 TOWNSHIP 18S RANGE 28E NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.) 3659.8' GR	

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 JOBS <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 @ 1:45 PM 12/3/78. Fin drlg to 550' @ 1:45 AM 12/5/78. RIH w/8-5/8" OD 24# K-55 csg, set @ 550'. FC set @ 465'. Cmt 8-5/8" csg w/200 sx Lite wt cont'g 4% gel & 6# salt/sk & 2% CaCl & 1/4# flocele followed by 200 sx Cl C w/6# salt/sk & 2% CaCl. BP @ 7:00 AM 12/5/78 w/ 1000#. Circ 110 sx cmt. WOC 13 hrs. DO FC & pressure tested csg to 1000# 30 mins OK. The following compressive strength criterion is furnished for cmtg in accordance w/Option 2 of the OCC Rules & Regulations:

- The volume of cmt slurry used was 378 cu ft of Lite wt cont'g 4% gel & 6# salt/sk, 2% CaCl & 1/4# flocele/sk followed by 268 cu ft of Cl C cmt w/6# salt/sk & 2% CaCl. Circ 208 cu ft cmt to surf.
- The approx temperature of cmt slurry when mixed was 75°F.
- Estimated minimum formation temperature in zone of interest was 69°F.
- Estimate of cmt strength at time of casing test was 1250 psig.
- Actual time cmt in place prior to starting test was 13 hrs.

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 12/8/78

For Record Only

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE DEC 14 1978

CONDITIONS OF APPROVAL, IF ANY: