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NEW MEXICO OIL CONSERVATION COMMISSION

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APR 25 1977

O. C. C.
ARTESIA, OFFICE

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-	7. Unit Agreement Name Empire Abo Pressure Maintenance Project
2. Name of Operator Atlantic Richfield Company	8. Farm or Lease Name Empire Abo Unit "K"
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 141
4. Location of Well UNIT LETTER <u>K</u> <u>1370</u> FEET FROM THE <u>South</u> LINE AND <u>2445</u> FEET FROM THE <u>West</u> LINE, SECTION <u>2</u> TOWNSHIP <u>18S</u> RANGE <u>27E</u> NMPM.	10. Field and Pool, or Wildcat Empire Abo
11. Elevation (Show whether DF, KT, GR, etc.) 3521' GL	12. County Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
<input type="checkbox"/> PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER	<input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> REMEDIAL WORK <input checked="" type="checkbox"/> COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/> CASING TEST AND CEMENT JOB Surface <input type="checkbox"/> OTHER

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 @ 6:00 PM 4/7/77. Lost circ, pmpd lost circ material, regained 85% returns on completion of 11" hole to 1006' @ 5:00 AM 4/9/77. Ran 8-5/8" OD 24# K-55 ST&C csg, FS & FC, set csg @ 1006', FC @ 920'. Cmt'd 8-5/8" OD csg w/300 Sx Cl C cmt'g 4% gel, 6# salt/sk, 1/4# flocele/sk followed by 100 sx Cl C cmt cont'g 6# salt/sk & 2% CaCl. Circ to surf. Circ 40 sx cmt to pit. Plug down w/700# @ 10:45 AM 4/9/77. WOC 14 1/4 hrs. Press tstd csg to 1000# 30 mins OK. Surface casing was cmt'd in accordance w/Option No. 2 of OCC Rules & Regulations. The following compressive strength criterion for Option 2 is as follows:

1. Volume of cmt slurry was 507 cu ft of Cl C cmt cont'g 4% gel, 6# salt/sk, 1/4# flocele/sk followed by 132 cu ft Cl C cmt cont'g 6# salt/sk & 2% CaCl. Circ 53 cu ft to pit.
2. Approx temperature of cmt slurry when mixed was 70°F.
3. Estimated minimum formation temperature in zone of interest was 70°F.
4. Estimate of cmt strength @ time of csg test was 2200 PSIG.
5. Actual time cmt in place prior to starting test was 14 1/4 hrs.

Commenced drlg 7-7/8" hole @ 1:00 AM 4/10/77.

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 4/20/77

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT # DATE APR 25 1977

CONDITIONS OF APPROVAL, IF ANY:
Minimum WOC time/8 hrs.