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NEW MEXICO OIL CONSERVATION COMMISSION

FEB 9 1977

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.	
B-2071-25	
7. Unit Agreement Name	
Empire Abo Pressure Maintenance Project	
8. Farm or Lease Name	
Empire Abo Unit "F"	
9. Well No.	
361	
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"/>
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 <u>H</u> <u>1765</u> FEET FROM THE <u>North</u> LINE AND <u>1270</u> FEET FROM THE <u>East</u> LINE, SECTION <u>34</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 3668.2' GR

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	



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 @ 7:00 PM 1/30/77. Drl'd to 175' & lost circ, pmpd 180 bbls heavy mud & LCM. No returns @ 400'. Finished drlg 11" hole to 756' @ 5:30 PM 1/31/77 w/returns to 60' FS. Ran 8-5/8" OD 24# 8R K-55 csg, set @ 756'. Cmtd 8-5/8" csg w/175 sx Cl C cont'g 4% gel, 1/4# flocele, 6# salt/sk, 2% CaCl, followed by 100 sx Cl C w/6# salt/sk, 2% CaCl. Plug down @ 12:10 AM w/ 800# 2/1/77. Cmt circ to 120' FS. Cmtd from 120' to surf w/8 yds Redi-mix. WOC 13 1/2 hrs. The surface csg was cmtd in accordance w/Option 2 of the Rules & Regulations. Compressive strength criterion is furnished as follows:

1. Volume of cmt slurry was 292 cu ft of Cl C cont'g 4% gel, 1/4# flocele, 6# salt/sk, 2% CaCl, followed by 132 cu ft of Cl C cont'g 6# salt/sk, 2% CaCl plus 8 yds Redi-mix cmt from 120' to surface.
2. Approximate temperature of cmt slurry when mixed was 68°.
3. Estimated formation temperature in zone of interest was 68°.
4. Estimate of cmt strength @ time of csg test was 2000# psig.
5. Actual time cmt in place prior to starting test was 13 1/2 hrs.

Pressure tested csg to 1500# for 30 mins OK. Resumed drlg 7-7/8" hole @ 1:50 PM 2/1/77.

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

SIGNED 	TITLE <u>Dist. Drlg. Supt.</u>	DATE <u>2/8/77</u>
APPROVED BY 	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>FEB 10 1977</u>

CONDITIONS OF APPROVAL, IF ANY: