

RECEIVED
NEW MEXICO OIL CONSERVATION COMMISSION

JAN 22 1979

O. C. C.
ARTESIA, OFFICE

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
647-368	647-320

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"/>	7. Unit Agreement Name Empire Abo Pressure Maintenance Project
2. Name of Operator Atlantic Richfield Company	8. Farm or Lease Name Empire Abo Unit "F"
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 375
4. Location of Well UNIT LETTER <u>E</u> <u>1780</u> FEET FROM THE <u>North</u> LINE AND <u>1175</u> FEET FROM <u>West</u> THE <u>East</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.) 3681.2' 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	

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 @ 11:30 PM 01/10/79. Drld to 800' @ 8:00 PM 01/11/79. RIH w/8-5/8" OD 24# K-55 csg set @ 800'. Set ECP pkr @ 437', FC @ 714', GS @ 800'. Cmtd 8-5/8" csg w/400 sx Cl C Thik-set, 6# gilsonite/sk, 2% CaCl followed by 200 sx Cl C cmt contg 6# salt/sk & 2% CaCl. PD @ 3:00 AM 01/12/79. Circ 105 sx cmt to surf. WOC 12 hrs. The following compressive strength criterion is furnished for cmtg in accordance with Option 2 of the OCD Rules and Regulations.

- The volume of cmt slurry used was 676 cu. ft. of Cl C Thik-set, 6# Gilsonite/sk, 1/4# flocele sk, 2% CaCl followed by 264 cu. ft. of Cl C cmt contg 6# salt & 2% CaCl. Circ 177 cu. ft. cmt to pit.
- Approximate temperature of cmt slurry when mixed was 68°F.
- Estimated minimum formation temperature in zone of interest was 69°F.
- Estimate of cmt strength @ time of casing test was 1825 PSIG.
- Actual time cement in place prior to starting test was 12 hrs.
Pressure tested csg to 600# for 30 mins. OK.

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

SIGNED W. A. Gussert TITLE Dist. Drlg. Supt. DATE 01/17/79
APPROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT II DATE JAN 23 1979
CONDITIONS OF APPROVAL, IF ANY: