

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
E-7116

MAR 23 1979

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT DEPTH. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		7. Unit Agreement Name Empire Abo Pressure Maintenance Project
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	D. C. C. ARTEBIA, OFFICE	8. Farm or Lease Name Empire Abo Unit "F"
2. Name of Operator Atlantic Richfield Company		9. Well No. 354
3. Address of Operator Box 1710, Hobbs, New Mexico 88240		10. Field and Pool, or Whiclat Empire Abo
4. Location of Well UNIT LETTER: G, 1850 FEET FROM THE North LINE AND 2550 FEET FROM THE East LINE, SECTION 34 TOWNSHIP 17S RANGE 28E NMPM.		
15. Elevation (Show whether DF, RT, GR, etc.) 3666.9' 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 @ 12 noon 3/16/79. Drld to 750'. RIH w/8-5/8" OD 24# K-55 csg, set @ 750'. FC @ 658.72'. Cmt 8-5/8" OD csg w/300 sx Thik-set, 1/4# flocele, 12# gilsonite, 2% CaCl followed by 100 sx C1 C w/2% CaCl. Circ 75 sx cmt to surf. WOC 12-1/4 hrs. Pressure tested csg to 1000# 30 mins OK. The following compressive strength criterion is furnished for cmtg in accordance w/Option 2 of the OCD rules & regulations.

- The volume of cmt slurry used was 477 cu ft of Thik-set, 1/4# flocele, 12# gilsonite, 2% CaCl followed by 132 cu ft C1 C cmt w/2% CaCl. Circ 119 cu ft to pit.
- Approx temp of cmt slurry when mixed was 72°F.
- Estimated minimum formation temperature in zone of interest was 68°F.
- Estimate of cmt strength at time of csg test was 1050 psig.
- Actual time cmt in place prior to starting test was 12-1/4 hrs.

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

SIGNED W.A. Gressitt TITLE Dist. Drlg. Supt. DATE 3/21/79

APPROVED BY W.A. Gressitt TITLE SUPERVISOR, DISTRICT II DATE MAR 26 1979

CONDITIONS OF APPROVAL, IF ANY: