

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

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LAND OFFICE	
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5a. Indicate Type of Lease  
State  Fee   
5. State Oil & Gas Lease No.  
647-349 647-351

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.)

MAR 23 1979

O. C. C.  
ARTESIA, OFFICE

1. OIL WELL  GAS WELL  OTHER   
2. Name of Operator  
Atlantic Richfield Company ✓  
3. Address of Operator  
Box 1710, Hobbs, New Mexico 88240  
4. Location of Well  
UNIT LETTER J 1900 FEET FROM THE South LINE AND 1450 FEET FROM  
THE East LINE, SECTION 33 TOWNSHIP 17S RANGE 28E NMPM.  
15. Elevation (Show whether DF, RT, GR, etc.)  
3662.6' GR  
7. Unit Agreement Name  
Empire Abo pressure Maintenance Project  
8. Farm or Lease Name  
Empire Abo Unit "G"  
9. Well No.  
315  
10. Field and Pool, or Wildcat  
Empire Abo  
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 @ 2:45 PM 3/16/79. Drld to 751' @ 1:15 PM 3/17/79. RIH w/8-5/8" OD 24# K-55 csg, set @ 751'. Cmtd 8-5/8" OD csg w/300 sx Thik-set cmt cont'g 12#/sk gilsonite, 1/4#/sk flocele, 2% CaCl followed by 100 sx C1 C cmt cont'g 2% CaCl. Circ cmt to surf. Circ 75 sx cmt to pit. WOC 9-1/4 hrs. The following compressive strength criterion is furnished in accordance w/Option 2 of the OCD Rules & Regulations.

- The volume of cmt slurry used was 477 cu ft of Thik-set cont'g 12#/sk gilsonite, 1/4#/sk flocele, 2% CaCl followed by 132 cu ft of C1 C cmt cont'g 2% CaCl. Circ 119 cu ft to pit.
- Approx temp of cmt slurry when mixed was 70°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 commencing pressure test was 9-1/4 hrs.

Pressure tested csg to 1000# 30 mins OK.

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 3/20/79

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE MAR 23 1979

CONDITIONS OF APPROVAL, IF ANY: