

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-79

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5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
B-2071-23

APR 17 1979

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"/>	O. C. C. ARTESIA, OFFICE	7. Unit Agreement Name Empire Abo Pressure Maintenance Project
2. Name of Operator Anco Oil and Gas Company	Division of Atlantic Richfield Company	8. Farm or Lease Name Empire Abo Unit "F"
3. Address of Operator Box 1710, Hobbs, New Mexico 88240		9. Well No. 363
4. Location of Well UNIT LETTER H, 2250 FEET FROM THE North LINE AND 1250 FEET FROM THE East LINE, SECTION 34 TOWNSHIP 17S RANGE 28E NMPM.		10. Field and Pool, or Wildcat Empire Abo
11. Elevation (Show whether DF, RT, GR, etc.) 3663.3' 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 JOBS <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 @ 5:30 PM 4/5/79. Fin drlg 11" hole to 750' @ 6 AM 4/6/79. Water flow commenced after reaching 750' ARO 12 BPM, decr to 6 BPM prior to running surf csg. RIH w/ 8-5/8" OD 24# K-55 csg, set @ 750', FS set @ 750', FC @ 670', Lynes pkr @ 411', DV tool @ 408'. Cmtd 8-5/8" OD csg w/100 sx Thik-set & 100 sx Cl C cmt cont'g 2% CaCl. Circ 50 sx cmt to pit. Cmtd 2nd stage thru DV tool w/250 sx Thik-set cmt. Circ 35 sx cmt to surf. WOC 12 hrs. The following cmt compressive strength criterion is furnished for cmtg in accordance w/OCD Option 2 of cmtg requirements.

- The volume of cmt slurry used was 159 cu ft of Thik-set followed by 132 cu ft of Cl C cmt cont'g 2% CaCl. Circ 80 cu ft to pit. Cmtd 2nd stage w/398 cu ft of Thik-set cmt. Circ 56 cu ft cmt to pit.
- Approximate temperature 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 casing test was 1275 psig.
- Actual time cmt in place prior to starting test was 12 hr.

Pressure tested csg to 1000# 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 [Signature] TITLE Dist. Drlg. Supt. DATE 4/12/79

For Record Only

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE APR 18 1979

CONDITIONS OF APPROVAL, IF ANY: