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CONSERVATION DIVISION  
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SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

MAY 24 1979

O. C. C.

ARTERIA, OFFICE

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.)

OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
Name of Operator <b>ARCO Oil and Gas Company</b> Division of Atlantic Richfield Company		5. State Oil & Gas Lease No. 647
Address of Operator Box 1710, Hobbs, New Mexico 88240		7. Unit Agreement Name Empire Abo Pressure Maintenance Project
Location of Well UNIT LETTER <u>P</u> <u>660</u> FEET FROM THE <u>East</u> LINE AND <u>990</u> FEET FROM THE <u>South</u> LINE, SECTION <u>33</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.		8. Farm or Lease Name Empire Abo Unit "H"
15. Elevation (Show whether DF, RT, GR, etc.) 3661' GR		9. Well No. 32
12. County Eddy		10. Field and Pool, or Wildcat Empire Abo

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 type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Squeeze Cmt &amp; Complete Lower in Reef &amp; Treat</u> <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

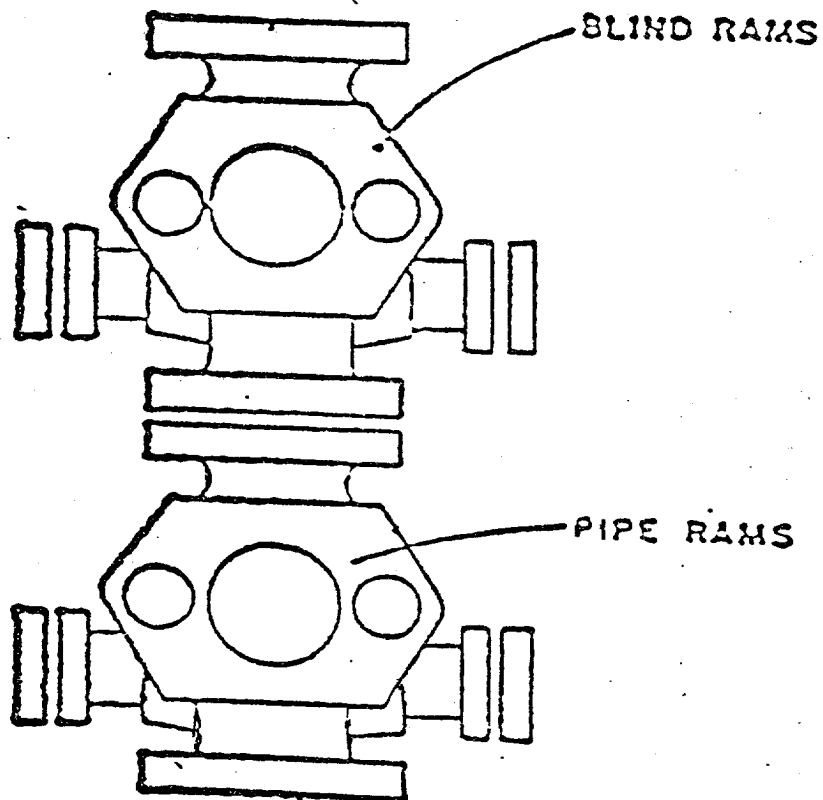
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Propose to cmt squeeze present perms 6154-6182' & perf lower & treat to reduce GOR in the following manner:

1. Rig up, kill well, install BOP, POH w/compl assy.
2. RIH w/cmt retr, set retr @ 6100' & squeeze Abo perms 6154-6182' w/125 sx LWL cmt followed by 50 sx C1 C w/2% CaCl. Drill out squeeze & test. Run CBL.
3. Perf Abo lower 6260-6270' w/2 JSPF.
4. Acidize w/300 gals 15% HCL-LSTNE-FE. Swab test.
5. If necessary treat perms 6260-70' w/2000 gals gelled CaCl wtr, 2000 gals gelled CaCl wtr, 2000 gal gelled LC, 1500 gals 15% HCL-LSTNE-FE acid, swab test, run compl assy & return to production.

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

SIGNED <u>[Signature]</u>	TITLE <u>Dist. Drlg. Supt.</u>	DATE <u>5/22/79</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>MAY 24 1979</u>
CONDITIONS OF APPROVAL, IF ANY:		



ATLANTIC RICHFIELD COMPANY  
Blow Out Preventer Program

Lease Name Empire Abo Unit "H"

Well No. 32

Location 660' FEL & 990' FSL  
Sec 33-17S-28E, Eddy County

BOP to be tested before installed on well and will be maintained in good working condition during drilling. All wellhead fittings to be of sufficient pressure to operate in a safe manner.