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

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
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company		8. Farm or Lease Name Empire Abo Unit "J"
3. Address of Operator Box 1710, Hobbs, New Mexico 88240		9. Well No. 24
4. Location of Well UNIT LETTER <u>H</u> <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>990</u> FEET FROM THE <u>East</u> LINE, SECTION <u>6</u> TOWNSHIP <u>18S</u> RANGE <u>28E</u> N.M.P.M.		10. Field and Pool, or Wildcat Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3663' GR		12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

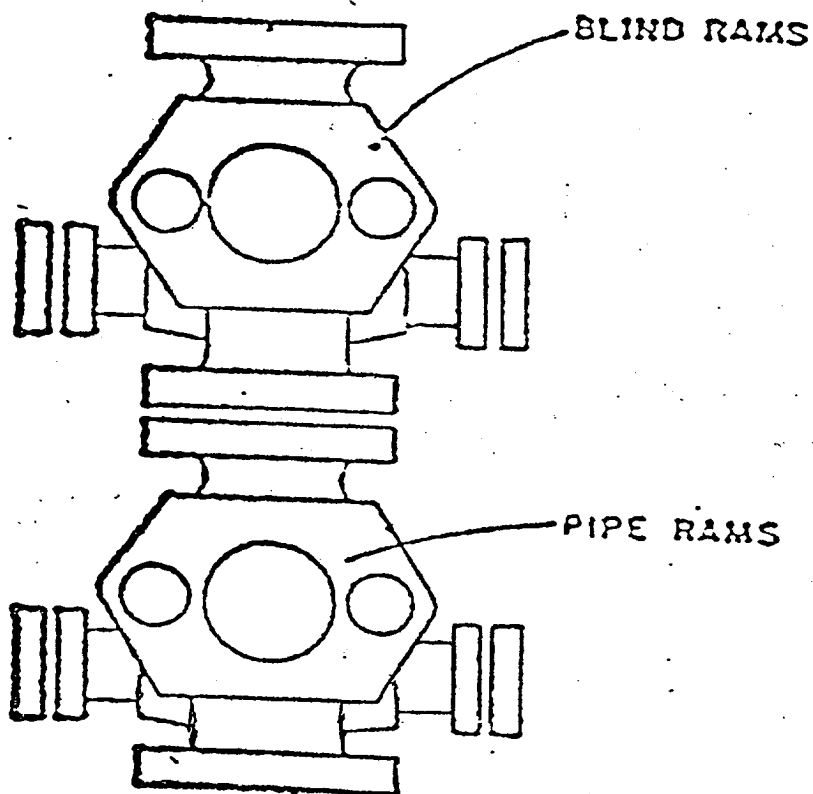
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Recomplete Lower in Reef</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.

1. Rig up, kill well, install BOP, POH w/compl assy.
2. RIH w/cmt retr, set retr @ 6050'. Squeeze perfs 6088-96' & 6101-09' w/C1 C cmt w/2% CaCl. Run CBL.
3. Perforate 5½" csg 25' above TOC as indicated by log. RIH w/ cmt retr, set retr above perfs & cmt squeeze w/C1 C cmt w/2% CaCl w/volume as determined by pump-in rate. WOC.
4. Drill out cmt & retr, press test csg to 1500# for 30 mins. Drill out cmt & cmt retr @ 6050'. Press test squeeze job to 1500# 30 mins.
5. Perforate 5½" csg @ 6226-6246' w/2 JSPF.
6. RIH w/pkr & tbq, set pkr @ 6165', treat perfs 6226-6246' w/1800 gals 15% HCL-LSTNE-FE acid, 1500 gals gelled CaCl wtr, 1500 gals gelled LC.
7. Swab back load, test & 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>4/15/80</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>APR 18 1980</u>
CONDITIONS OF APPROVAL, IF ANY:		



**ATLANTIC RICHFIELD COMPANY**  
**Blow Out Preventer Program**

**Lease Name** Empire Abo Unit "J"

**Well No.** 24

**Location** 1650' FNL & 990' FEL  
Sec 6-18S-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.