

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

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SANTA FE	/
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LAND OFFICE	
OPERATOR	/

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
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.)

RECEIVED

MAY 8 1979

OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name Empire Abo Pressure Maintenance Project
Name of Operator ARCO Oil & Gas Company Division of Atlantic Richfield Company	8. Farm or Lease Name Empire Abo Unit "G"
Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 312
Location of Well UNIT LETTER J, 2511 FEET FROM THE East LINE AND 1550 FEET FROM THE South LINE, SECTION 33 TOWNSHIP 17S RANGE 28E N.M.P.M.	10. Field and Pool, or Wildcat Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3661.0' 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 OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER Squeeze Perfs & Complete Lower in Reef <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOB <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.

TD 6406', PBD 6170'. Present Abo perfs 6074-6088'.

Propose to cement squeeze present perfs 6074-88' & complete lower in reef as follows:

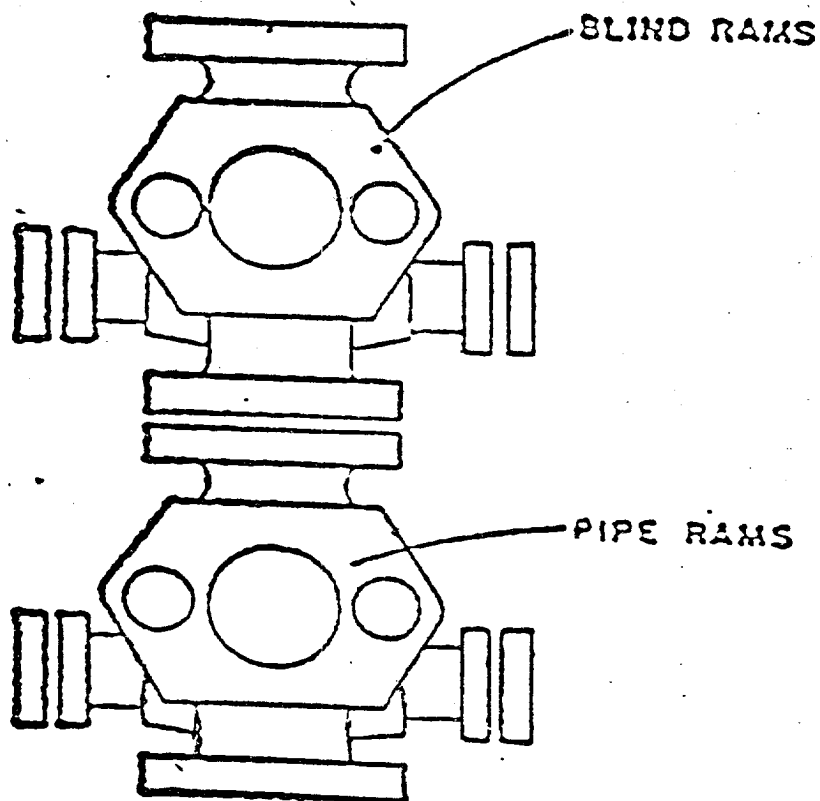
1. Rig up, kill well, install BOP & POH w/comp assy.
2. RIH w/cmt retr, set retr @ approx 6020'. Squeeze perfs 6074-6088' w/100 sx LWL cmt followed by 50 sx Cl C Cmt w/2% CaCl.
3. Drill out to 6130' & pressure test squeeze job.
4. Drill out CIBP @ 6170' & CO to PBD approx 6260'.
5. Treat Abo perfs 6190-6210' w/1500 gals 60/40 15% HCL-ISTNE-FE acid/Xylene, flush w/LC.
6. Swab & test, install pumping equip & return to production.

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 5-4-79

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE MAY 10 1979

CONDITIONS OF APPROVAL, IF ANY:



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

**Lease Name** Empire Abo Unit "G"

**Well No.** 312

**Location** 2511 FEL & 1550 FSL, Section 33,  
T17S, R28E

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.