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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

**RECEIVED**

**AUG 29 1975**

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. 647
7. Unit Agreement Name
8. Farm or Lease Name Empire Abo Unit "B"
9. Well No. 40
10. Field and Pool, or Wildcat Empire Abo
12. County Eddy

**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. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-	2. Name of Operator Atlantic Richfield Company
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	4. Location of Well UNIT LETTER <u>H</u> , <u>2310</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>26</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 3673' DF	16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Circulate cmt behind 5 1/2" csg to stop water flow</u> <input checked="" type="checkbox"/>

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input 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.

Present perms 6217-27, 6270-80, 6298-6318'.

This well is currently shut in and is used as a pressure observation well. The well has developed water flow behind the casing. Propose to circulate cmt behind 5 1/2" OD csg to stop water in the following manner:

1. Rig up, install BOP, POH w/completion assy.
2. Run gauge ring to 6000'.
3. Run CIBP on wireline, set BP @ 6000' & cap w/4 sx cmt.
4. Load hole w/brine water and run cmt bond log.
5. Perf 4 holes 200' above TOC. Establish circulation.
6. Set cmt retr on tbg 100' above squeeze holes.
7. Circ cmt to surface thru 8-5/8" X 5 1/2" annulus.
8. POH w/tbg. Leave CIBP in hole @ 6000' and cmt retr above squeeze holes. Close surface head valve and leave shut in.

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. Supv.

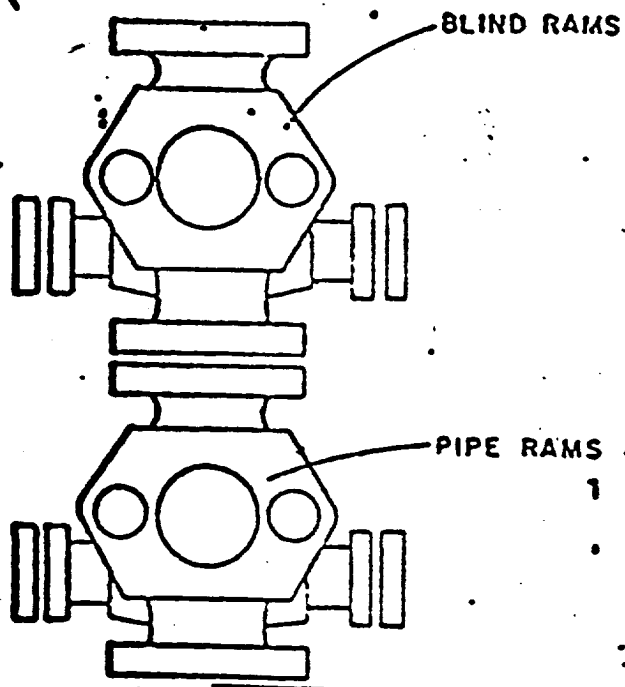
DATE 8/28/75

APPROVED BY [Signature]

TITLE SUPERVISOR, DISTRICT II

DATE SEP 2 1975

CONDITIONS OF APPROVAL, IF ANY:



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

**Lease Name** Empire Abo Unit "B"

**Well No.** 40

**Location** 2310' FNL & 660' FEL  
Sec 26, T17S, R28E, Eddy Co.

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