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NEW MEXICO OIL CONSERVATION COMMISSION

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MAR 17 1978

30-015-22465  
Form C-101  
Revised 1-1-65

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 Empire Abo Pressure Maintenance Project
8. Farm or Lease Name Empire Abo Unit "H"
9. Well No. 322
10. Field and Pool, or Wildcat Empire Abo
12. County Eddy
19. Proposed Depth 6370'
19A. Formation Abo Reef
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3662.4' GR
21A. Kind & Status Plug. Bond GCA #8
21B. Drilling Contractor Hondo Drilling Company
22. Approx. Date Work will start 4/1/78

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
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 P LOCATED 750 FEET FROM THE South LINE AND 1150 FEET FROM THE East LINE OF SEC. 33 TWP. 17S RGE. 28E NMPM	5. State Oil & Gas Lease No. 647
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PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8" OD	24# K-55	600'	300	Circ to surf
7-7/8"	5-1/2" OD	14# K-55	6000'		
		15.5# K-55	6370'	1750	Circ to surf

Propose to drill an infill development well within the Empire Abo Unit area to more economically recover additional oil reserves and conserve reservoir pressure in accordance with Unit NMOCC Rules & Regulations (NSL-915).

Blowout Preventer Program attached.

APPROVAL AND  
FOR DATA PURPOSES  
DURING CONDUCTED,  
EXPIRES 6/20/78

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed John Kratt Title Dist. Drlg. Supt. Date 3/16/78

(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE MAR 20 1978

CONDITIONS OF APPROVAL, IF ANY:

**N MEXICO OIL CONSERVATION COMMISS**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
 Supersedes C-128  
 Effective 12-65

All distances must be from the outer boundaries of the Section

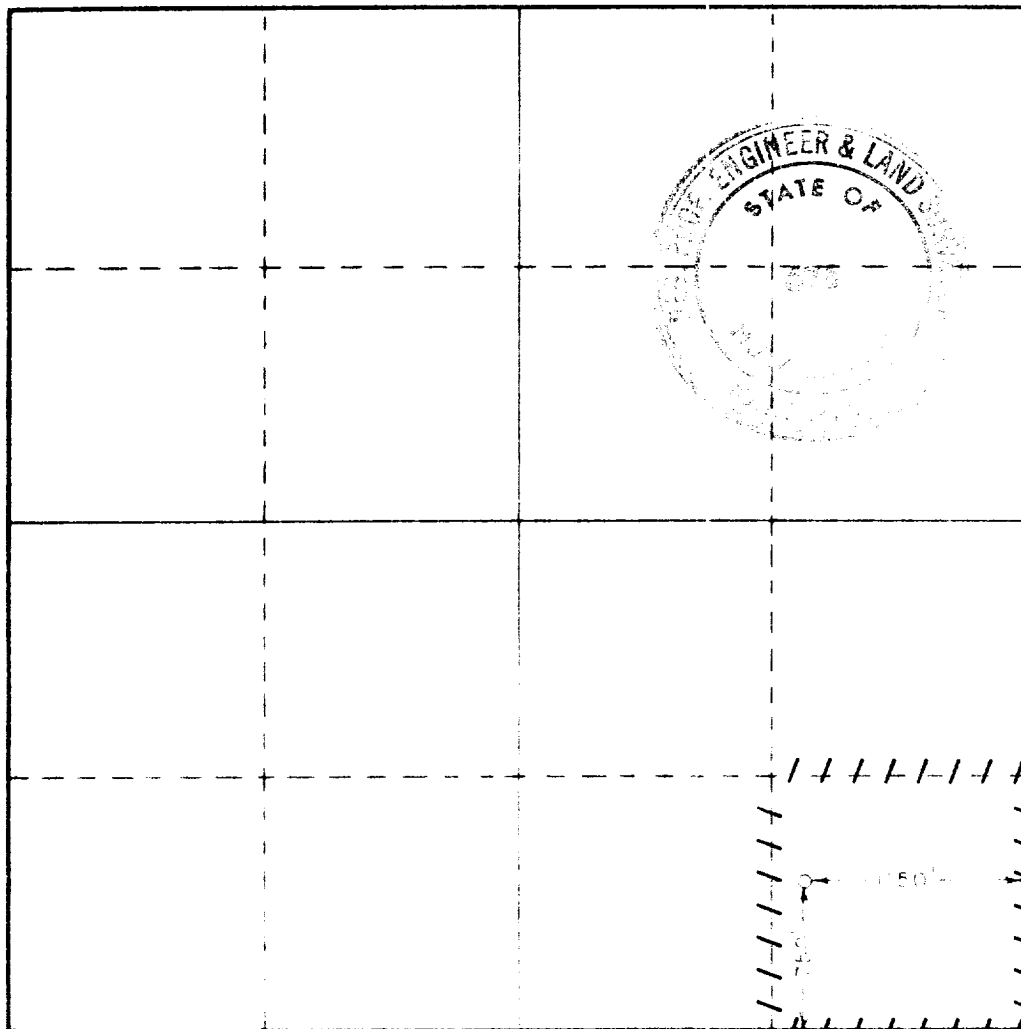
Operator <b>Atlantic Richfield Co.</b>			Lease <b>Empire Abo Unit - H</b>		Well No. <b>322</b>
Unit Letter <b>P</b>	Section <b>33</b>	Township <b>17 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>750</b> feet from the <b>South</b> line and <b>1150</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3662.4</b>	Producing Formation <b>Abo Reef</b>		Pool <b>Empire Abo</b>		Dedicated Acreage <b>40</b>

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes    ☐ No    If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

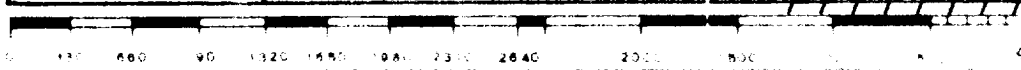
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

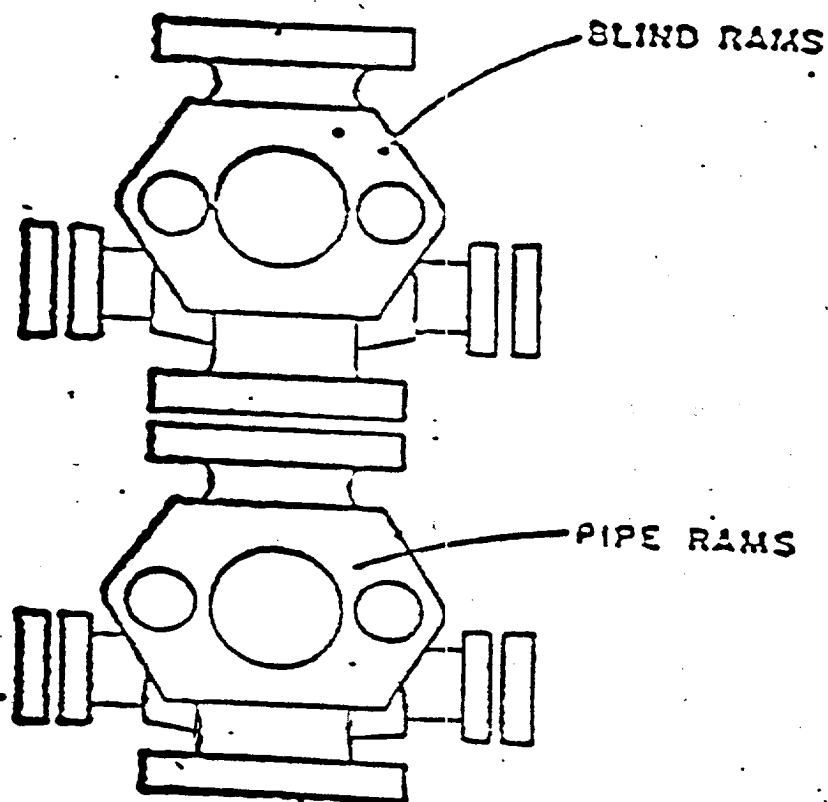
Name  
*John W. West*  
 Position  
**Dist. Drlg. Supt.**  
 Company  
**Atlantic Richfield Company**  
 Date  
**3/16/78**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief

**December 16, 1977**

Registration Interest in Lease  
 \_\_\_\_\_  
 \_\_\_\_\_  
*John W. West*  
 Certificate No. **John W. West** 676  
**Ronald J. Edison** 3219





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

**Lease Name** Empire Abo Unit "H"

**Well No.** 322

**Location** 750' FSL & 1150' FEL  
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.