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NEW MEXICO OIL CONSERVATION COMMISSION

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Form C-101  
Revised 1-1-65

APR 28 1978

O. C. C.  
ARTESIA, OFFICE

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

647-349 647-351

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		Empire Abo Pressure Maintenance Project	
2. Name of Operator		8. Farm or Lease Name	
Atlantic Richfield Company		Empire Abo Unit "G"	
3. Address of Operator		9. Well No.	
P. O. Box 1710, Hobbs, New Mexico 88240		322	
4. Location of Well		10. Field and Pool, or Wildcat	
UNIT LETTER I LOCATED 2350 FEET FROM THE South LINE		Empire Abo	
AND 1100 FEET FROM THE East LINE OF SEC. 33 TWP. 17S RGE. 28E NMPM		12. County	
		Eddy	
		19. Proposed Depth	
		6350'	
		19A. Formation	
		Abo Reef	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
3665.6' GR		Hondo Drilling Company	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
GCA #8		7/1/78	

23.

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	6350'	1205	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 pressure in accordance with Unit OCC Rules and Regulations NSL-915.

Blowout Preventer Program attached.

EXPIRES 8-2-78

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 [Signature] Title Dist. Drlg. Supt. Date 4/25/78

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE MAY 2 1978

CONDITIONS OF APPROVAL, IF ANY:

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

Form C-102  
 Supersedes C-128  
 Effective 1-1-65

All distances must be from the outer boundaries of the Section

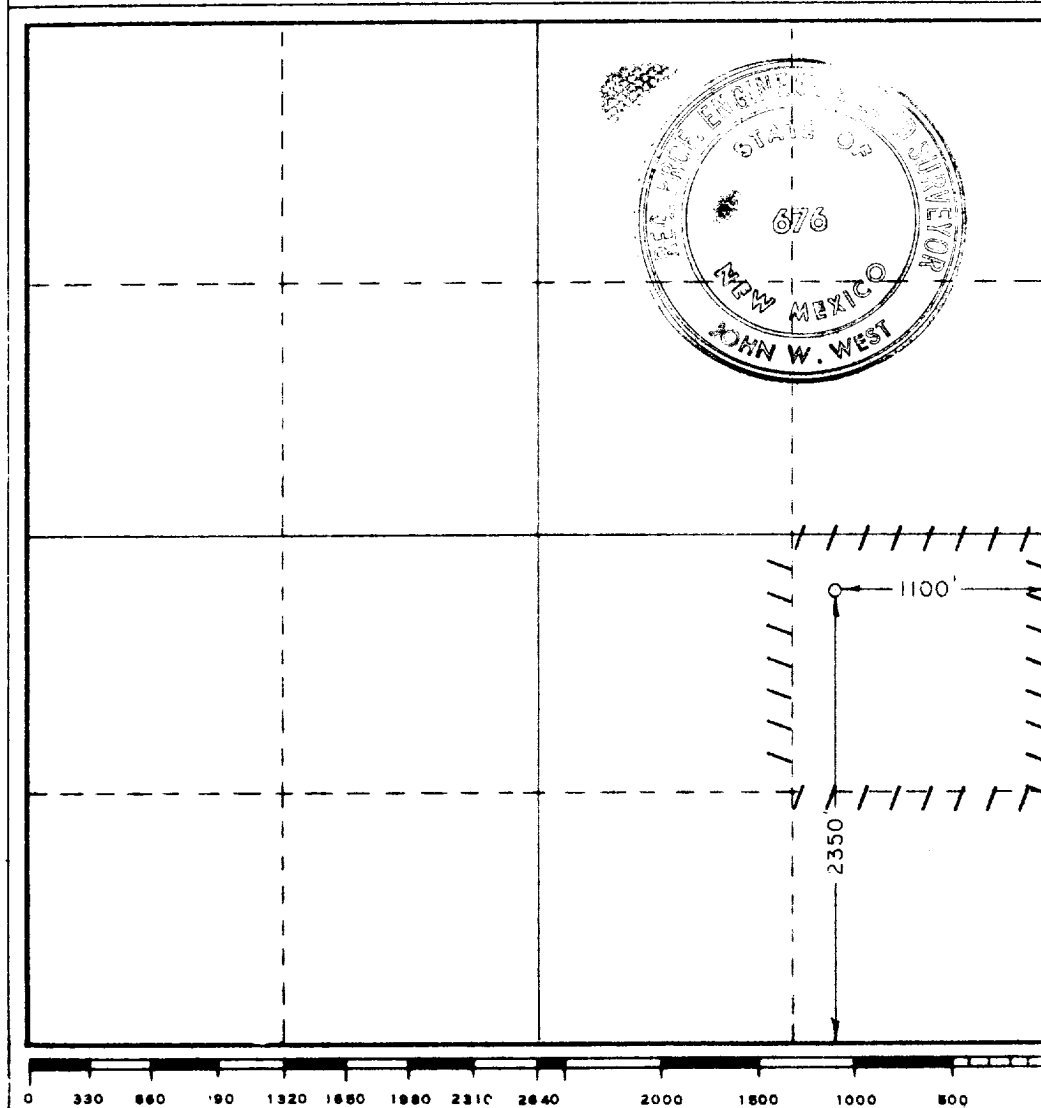
Operator <b>Atlantic Richfield Co.</b>			Lease <b>Empire Abo Unit - G</b>		Well No. <b>322</b>
Unit Letter <b>I</b>	Section <b>33</b>	Township <b>17 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well:					
<b>2350</b>	feet from the	<b>South</b>	line and	<b>1100</b>	feet from the <b>East</b> line
Ground Level Elev. <b>3665.6</b>	Producing Formation <b>Abo Reef</b>		Pool <b>Empire Abo</b>		Dedicated Acreage: <b>40</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

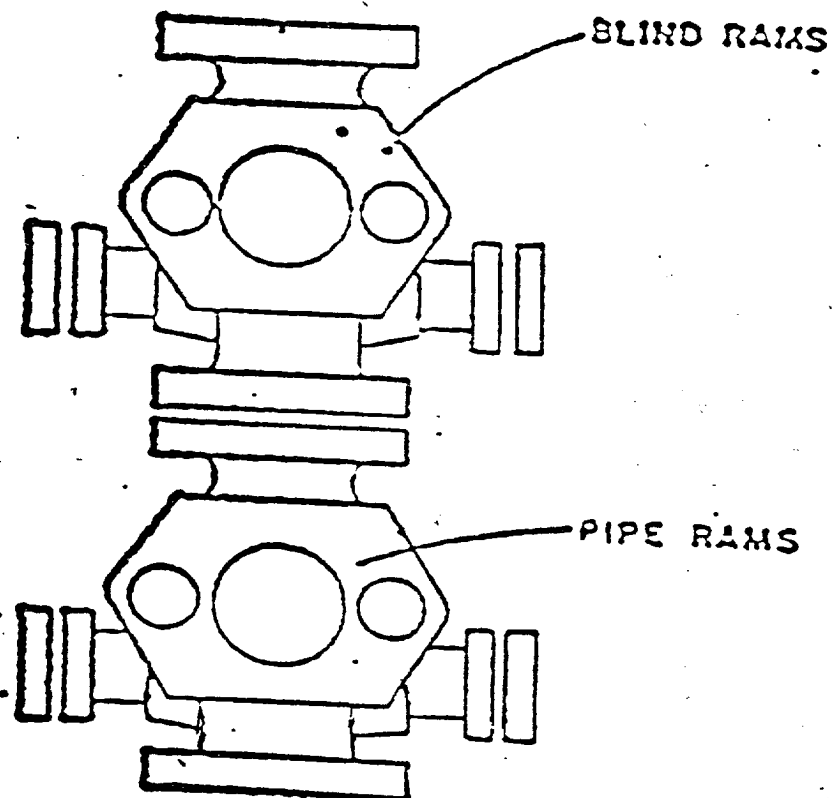
Name \_\_\_\_\_  
 Position \_\_\_\_\_  
 Dist. Drlg. Supt.  
 Company  
**Atlantic Richfield Company**  
 Date  
**4/25/78**

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 15, 1977**

Date Surveyed \_\_\_\_\_  
 Registered Professional Engineer and/or Land Surveyor

*John W. West*  
 Certificate No. **676**



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

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

**Well No.** 322

**Location** 2350' FSL & 1100' 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.