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NEW MEXICO CONSERVATION COMMISSION

APR 14 1977

O. C. C.  
ARTESIA, OFFICE

30-015-22124  
Form C-101  
Revised 1-4-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
647-349	647-351

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	
b. Type of Well	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <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 O LOCATED 2490 FEET FROM THE East LINE	
AND 313 FEET FROM THE South LINE OF SEC. 33 TWP. 17S RGE. 28E NMPM	
19. Proposed Depth	
6360'	
19A. Formation	
Abo Reef	
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RT, etc.)	
3661.4' GL	
21A. Kind & Status Plug. Bond	
GCA #8	
21B. Drilling Contractor	
Not selected	
22. Approx. Date Work will start	
5/15/77	

7. Unit Agreement Name
Empire Abo Pressure Maintenance Project
8. Farm or Lease Name
Empire Abo Unit "H"
9. Well No.
311
10. Field and Pool, or Wildcat
Empire Abo
12. County
Eddy

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	550'	225	Circ to surf
7-7/8"	5-1/2" OD	14&15.5# K-55	6360'	1725	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 OCC Rules & Regulations.

Blowout Preventer Program attached.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,  
EXPIRES 7-19-77

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	Title	Dist. Drlg. Supt.	Date
			4/12/77
(This space for State Use)			
APPROVED BY	TITLE	DATE	
W. A. Gressett	SUPERVISOR, DISTRICT 2	APR 19 1977	
CONDITIONS OF APPROVAL, IF ANY:			

MEXICO OIL CONSERVATION COMMISSION  
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 COMPANY</b>			Lease <b>Empire Abo Unit H</b>		Well No. <b>#311</b>
Tract Letter <b>0</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>2490</b> feet from the <b>east</b> line and <b>313</b> feet from the <b>south</b> line					
Ground Level Elev. <b>3661.4</b>	Abo Reef		Empire Abo		Dedicated Acreage: <b>40</b> Acres

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?

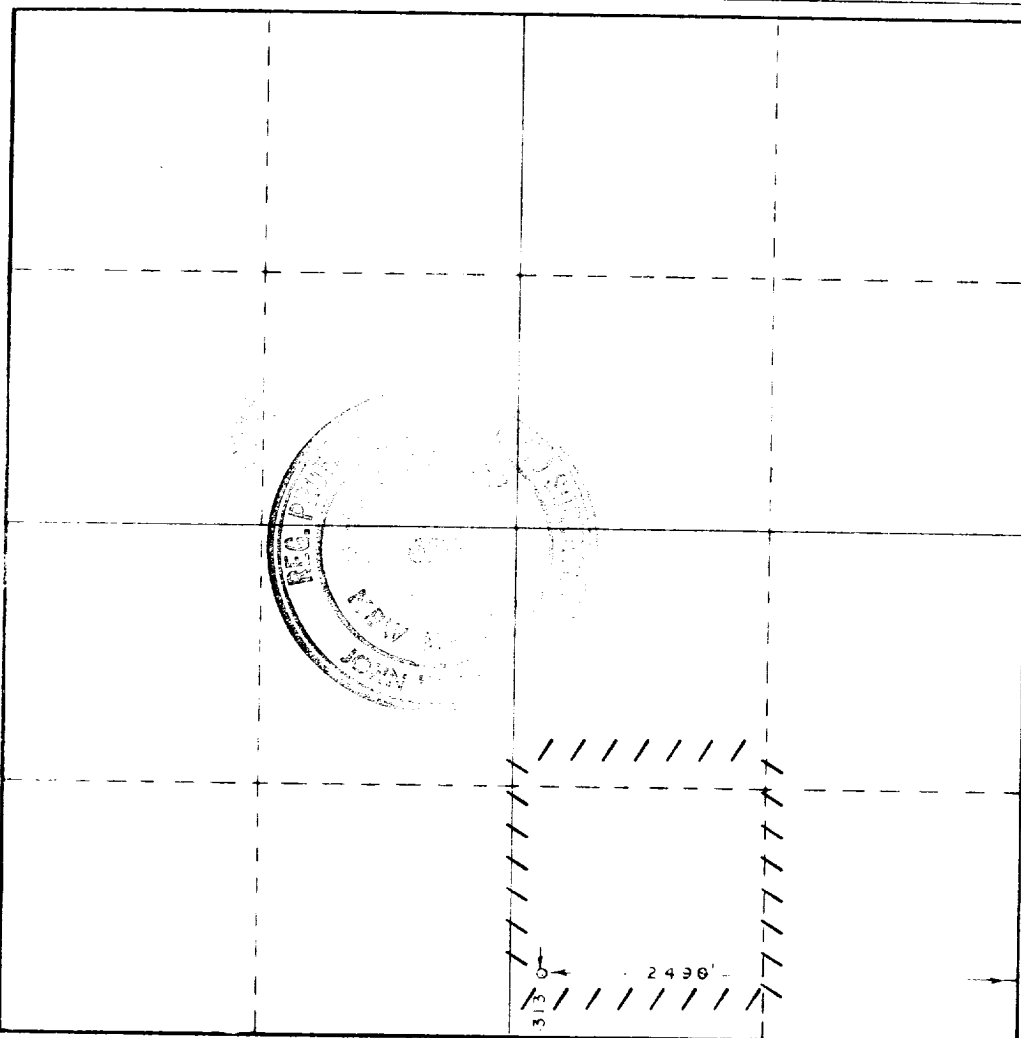
X

Unitization

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

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.

*[Signature]*

Dist. Dir. Supt.

Atlantic Richfield Company

4/12/77

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.

Date Surveyed

Oct. 1, 1976

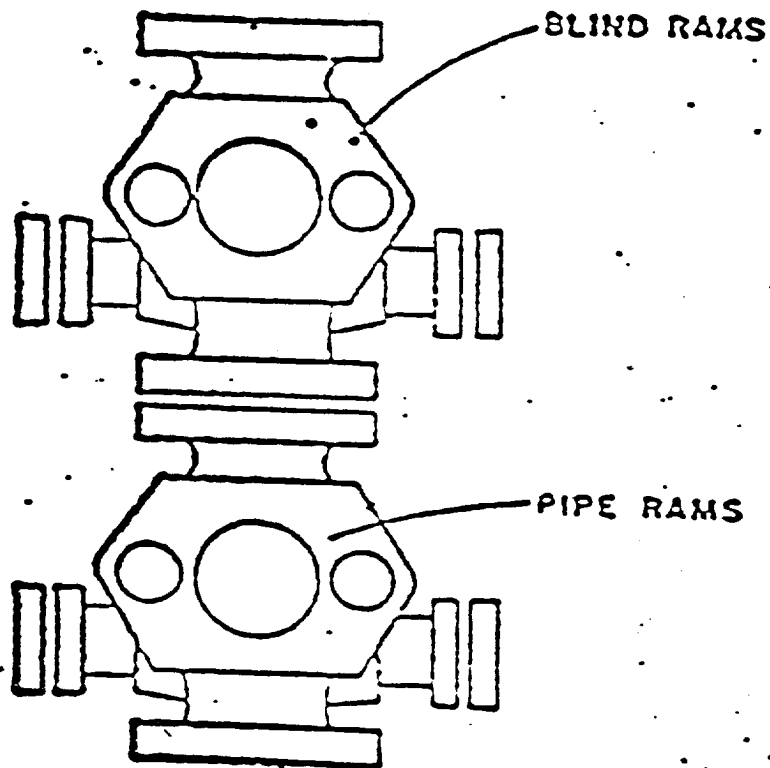
Registered Professional Surveyor  
in the State of New Mexico

*[Signature]*

Certificate No.

676

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900



ATLANTIC RICHFIELD COMPANY  
Blow Out Preventer Program

Lease Name Empire Abo Unit "H"

Well No. 311

Location 2490' FEL & 313' FSL  
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.