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NEW MEXICO OIL CONSERVATION COMMISSION

DEC 30 1976

**O. C. C.**  
ARTESIA, OFFICE

30-015-22013  
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.	
E-7833	

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. Type of Work		7. Unit Agreement Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		Empire Abo Pressure Maintenance Project	
b. Type of Well		8. Farm or Lease Name	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		Empire Abo Unit "L"	
2. Name of Operator		9. Well No.	
Atlantic Richfield Company		153	
3. Address of Operator		10. Field and Pool, or Wildcat	
Box 1710, Hobbs, New Mexico 88240		Empire Abo	
4. Location of Well		12. County	
UNIT LETTER <u>O</u> LOCATED <u>90</u> FEET FROM THE <u>South</u> LINE		Eddy	
AND <u>1456</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>2</u> TWP. <u>18S</u> RGE. <u>27E</u> NMPM			
19. Proposed Depth		19A. Formation	
6300'		Abo Reef	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21A. Kind & Status Plug. Bond	
3585' GL		GCA #8	
21B. Drilling Contractor		22. Approx. Date Work will start	
Not selected		2/5/77	

**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	1000'	350	Circ to surf
7-7/8"	5 1/2" OD	14 & 15.5#K-55	6300'	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.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 4-4-77

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 [Signature] Title Dist. Drlg. Supt. Date 12/29/76  
(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JAN 4 1977  
CONDITIONS OF APPROVAL, IF ANY:

Cement to be placed to  
surface behind 8 7/8" casing

Notify N.M.O.C.C. in sufficient  
time to witness cementing  
the 8 7/8" casing

**MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form O-101  
 Supersedes L-128  
 Effective 1-1-65

All distances must be from the outer boundaries of the Section

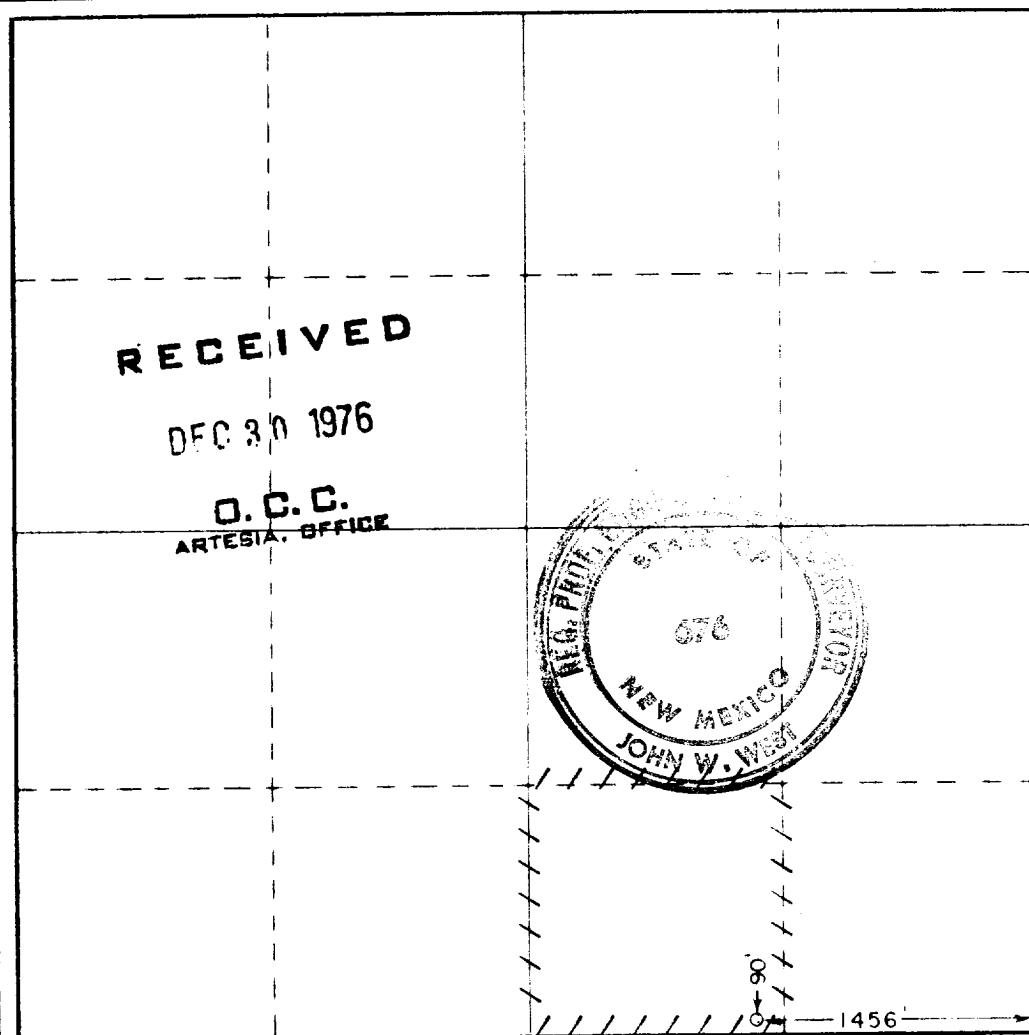
Operator <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit "L"</b>		Well No. <b>153</b>
Tract Letter <b>0</b>	Section <b>2</b>	Township <b>18 South</b>	Range <b>27 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>90</b> feet from the <b>south</b> line and <b>1456</b> feet from the <b>east</b> line					
Ground Level Elev. <b>3585.0</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 \_\_\_\_\_  
 Position \_\_\_\_\_  
 Dist. Engr. Supt.

Company  
**Atlantic Richfield Company**

Date  
**12/29/76**

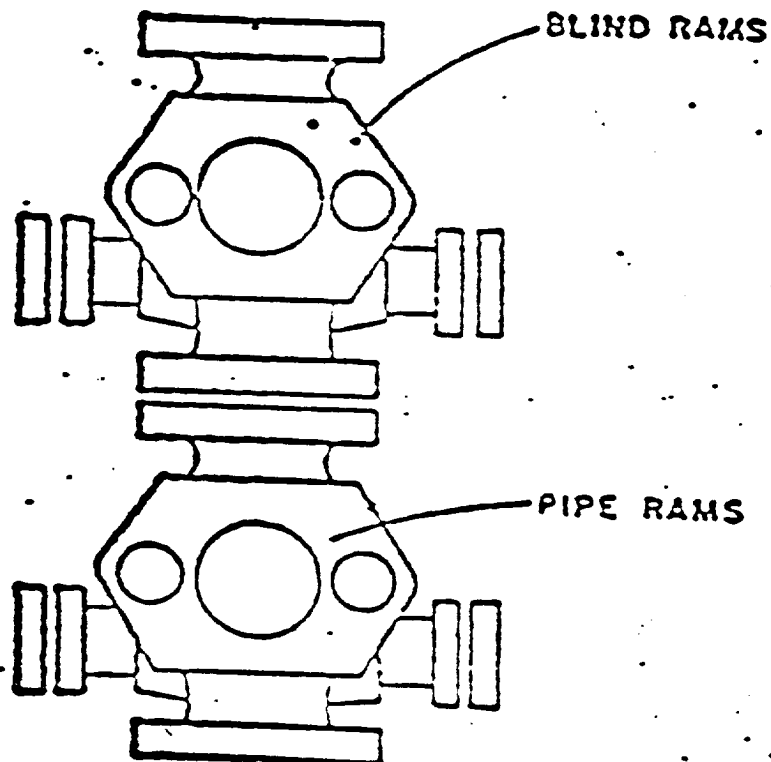
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**Sept 30, 1976**

Registered Professional Engineer  
 and/or Land Surveyor

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

0 330 660 990 1320 1650 1980 2310 2640 2970 3300



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

**Lease Name** Empire Abo Unit "L"

**Well No.** 153

**Location** 90' FSL & 1456' FEL  
Sec 2-18S-27E, 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.