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**RECEIVED**  
**NEW MEXICO OIL CONSERVATION COMMISSION**  
**APR 6 1978**  
**O. C. C.**  
**ALBUQUERQUE, OFFICE**

30-015-22487  
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-7832	

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

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well		Empire Abo Pressure Maintenance Project	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>	8. Farm or Lease Name	
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	Empire Abo Unit "E"	
OTHER <input type="checkbox"/>		9. Well No.	
SINGLE ZONE <input checked="" type="checkbox"/>		361	
MULTIPLE ZONE <input type="checkbox"/>		10. Field and Pool, or Wildcat	
2. Name of Operator		X Empire Abo	
Atlantic Richfield Company ✓		12. County	
3. Address of Operator		Eddy	
P. O. Box 1710, Hobbs, New Mexico 88240			
4. Location of Well			
UNIT LETTER A	LOCATED 620	19. Proposed Depth	
FEET FROM THE North	LINE	6275'	
AND 1200	FEET FROM THE East	19A. Formation	
LINE OF SEC. 34	TWP. 17S	Abo Reef	
RGE. 28E	NMPM	20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
3671.6' GR		5/1/78	
21A. Kind & Status Plug. Bond			
GCA #8			
21B. Drilling Contractor			
Hondo Drilg Co			

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	750'	350	Circ to surf
7-7/8"	5-1/2" OD	14# K-55	6000'		
		15.5# K-55	6275'	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 reservoir pressure in accordance with Unit OCC Rule and Regulations NSL-915.

Blowout Preventer Program attached.

**APPROVAL VALID**  
**FOR 90 DAYS UNLESS**  
**DRILLING COMMENCED,**

EXPIRES 7-10-78

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 W. A. Gessert Title Dist. Drilg. Supt. Date 4/4/78

(This space for State Use)

APPROVED BY W. A. Gessert TITLE SUPERVISOR, DISTRICT II DATE APR 10 1978

CONDITIONS OF APPROVAL, IF ANY:

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

Form C-102  
 Supersedes C-128  
 Effective 1-4-65

All distances must be from the outer boundaries of the Section.

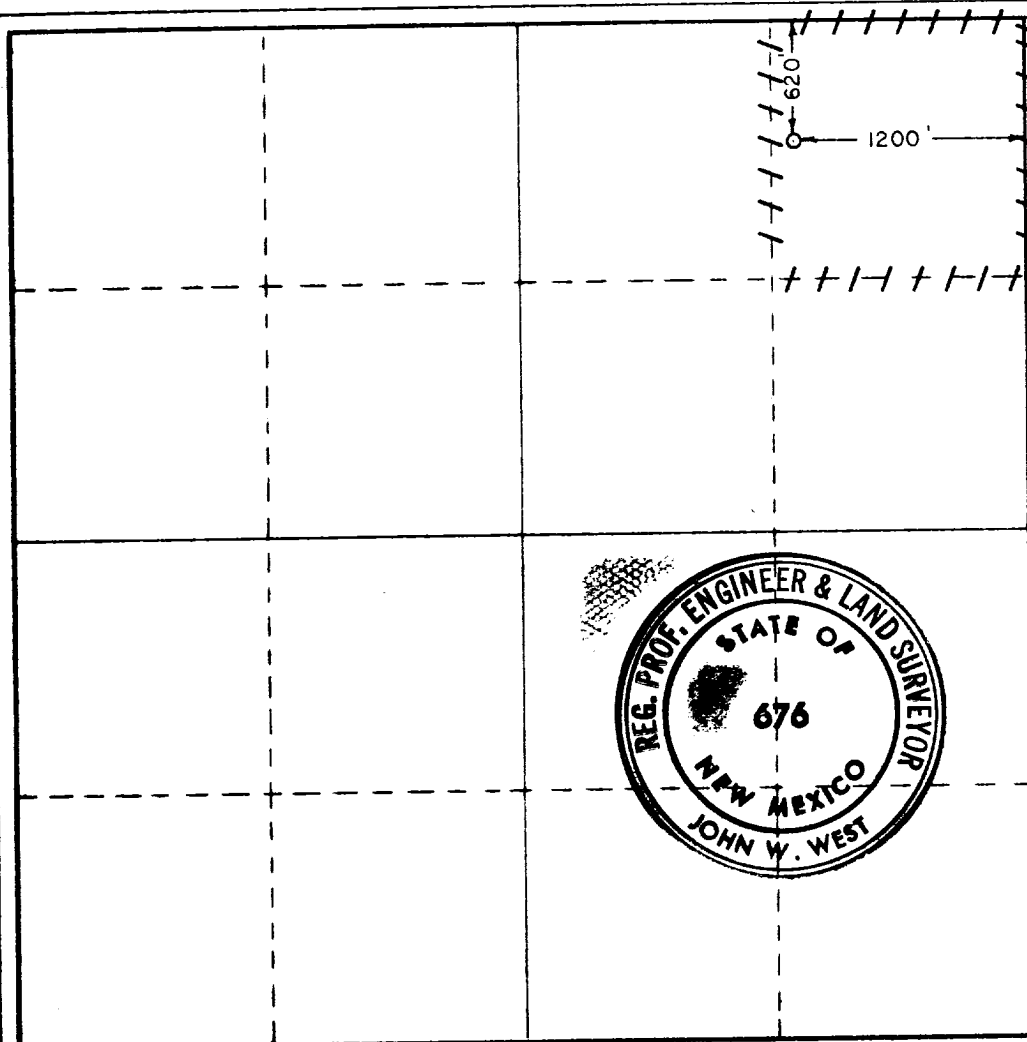
Operator <b>Atlantic Richfield Co.</b>			Lease <b>Empire Abo Unit - E</b>		Well No. <b>361</b>
Unit Letter <b>A</b>	Section <b>34</b>	Township <b>17 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>620</b> feet from the <b>North</b> line and <b>1200</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3671.6</b>	Producing Formation <b>Abo Reef</b>		Pool <b>Empire Abo</b>		Dedicated Acreage: <b>40</b> Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

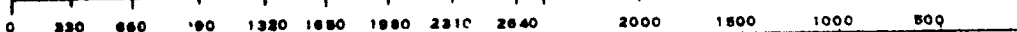
Name \_\_\_\_\_  
 Position \_\_\_\_\_  
**Dist. Drlg. Supt.**  
 Company \_\_\_\_\_  
**Atlantic Richfield Company**  
 Date \_\_\_\_\_  
**4/4/78**

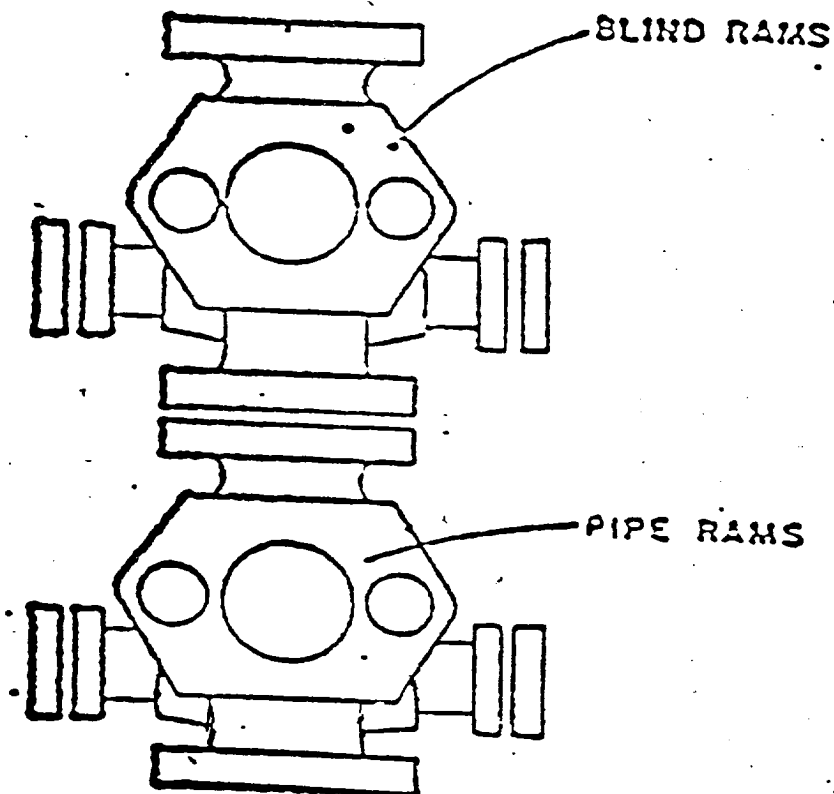
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

**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 "E"

**Well No.** 361

**Location** 620' FNL & 1200' FEL  
Sec 34-17S-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.