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NEW MEXICO OIL CONSERVATION COMMISSION

APR 30 1979

O. C. C.  
ARTESIA, OFFICE

30-015-22912  
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. B-2071-24
7. Unit Agreement Name Empire Abo Pressure Maintenance Project
8. Farm or Lease Name Empire Abo Unit "H"
9. Well No. 341
10. Field and Pool, or Wildcat Empire Abo
12. County Eddy
19. Proposed Depth 6350'
19A. Formation Abo Reef
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3660.9' GR
21A. Kind & Status Plug. Bond GCA #8
21B. Drilling Contractor Hondo Drlg. Co.
22. Approx. Date Work will start 6/1/79

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. Type of Well  
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator  
ARCO Oil and Gas Company  
Division of Atlantic Richfield Company

3. Address of Operator  
P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well  
UNIT LETTER N LOCATED 1200 FEET FROM THE South LINE  
AND 2500 FEET FROM THE West LINE OF SEC. 34 TWP. 17S RGE. 28E NMPM

19. Proposed Depth  
6350'

19A. Formation  
Abo Reef

20. Rotary or C.T.  
Rotary

21. Elevations (Show whether DF, RT, etc.)  
3660.9' GR

21A. Kind & Status Plug. Bond  
GCA #8

21B. Drilling Contractor  
Hondo Drlg. Co.

22. Approx. Date Work will start  
6/1/79

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'	675	Circ to surf
7-7/8"	5-1/2" OD	15.5# K-55	6350'	1425	Circ to surf
					by 2-staging

Propose to drill a development well in the Empire Abo Pressure Maintenance Project to more economically recover remaining reserves.

Authority to drill above non-standard location by approval of Administrative Order NSL-999.

Blowout Preventer Program attached.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,  
EXPIRES 8-1-79

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 4/26/79

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE MAY - 1 1979

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-112  
Supersedes O-100  
Effective 12-1-68

All distances must be from the outer boundaries of the Section

**ARCO Oil and Gas Company**  
Division of Atlantic Richfield Company

Lease No. **Empire Abo Unit H**

Acres **34.1**

Section **34** Township **17-S** Range **28-E** County **Eddy**

**1200** feet from the **South** line and **2500** feet from the **West** line

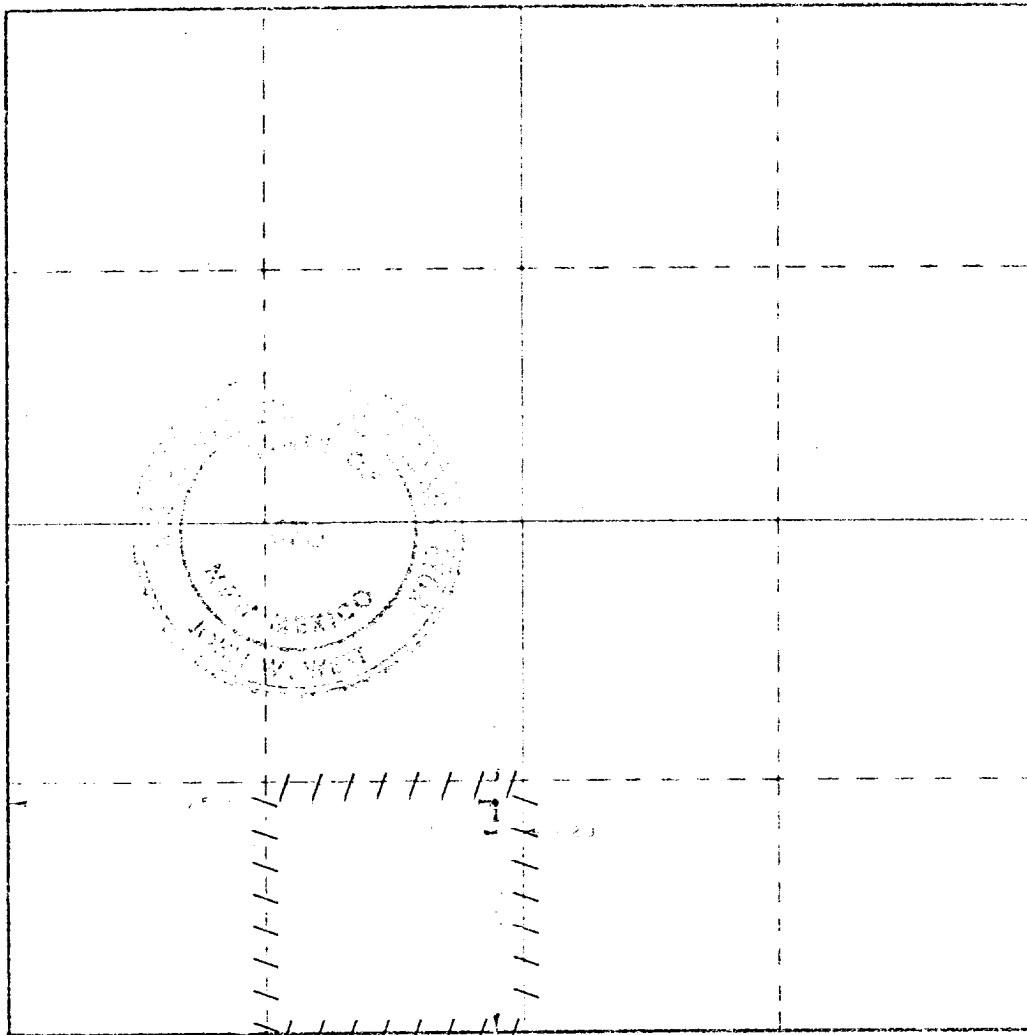
**3660.9** **Abo Reef** **Empire Abo** **40**

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.

*John W. West*

Dist. Dir. Supt.

**ARCO Oil and Gas Company**  
Division of Atlantic Richfield Company

**4/26/79**

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.

**October 30, 1978**

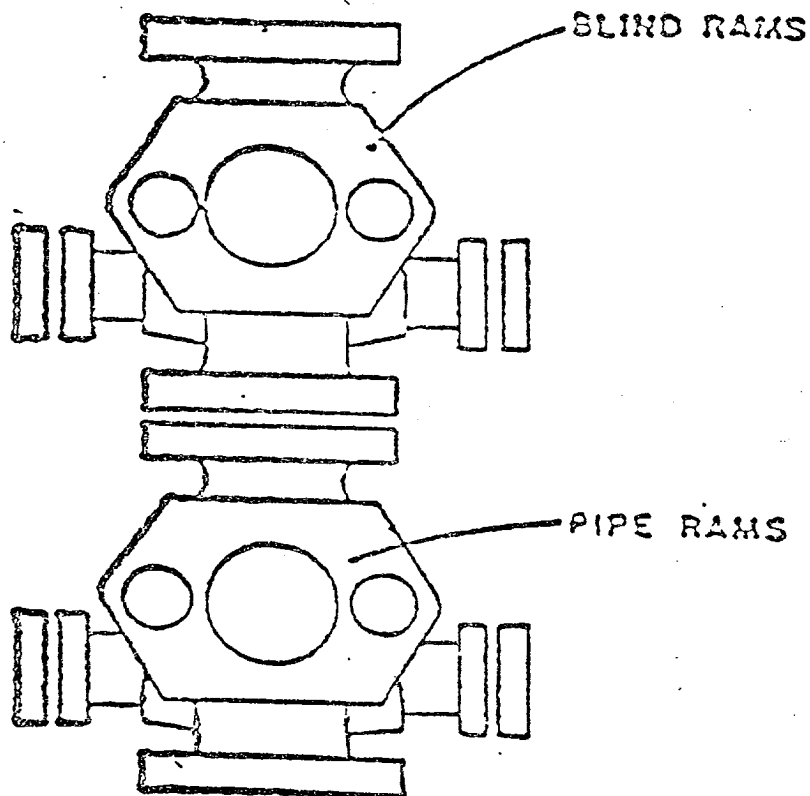
Registered Professional Engineer  
State of New Mexico

*John W. West*

Certificate No. **John W. West**

**676**

**Ronald J. Eddon 3239**



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

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

**Well No.** 341

**Location** 1200' FSL & 2500' FWL  
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.