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MEXICO OIL CONSERVATION COMMISSION
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MAR 21 1979

O.C.C.

30-015-22885
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 DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name Empire Abo Pressure Maintenance Project	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Empire Abo Unit "L"	
2. Name of Operator Atlantic Richfield Company		9. Well No. 155	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Empire Abo	
4. Location of Well UNIT LETTER 0 LOCATED 1040 FEET FROM THE South LINE AND 2025 FEET FROM THE East LINE OF SEC. 2 TWP. 18S RGE. 27E NMPM		12. County Eddy	
19. Proposed Depth 6200'		19A. Formation Abo Reef	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3552.7' GR	
21A. Kind & Status Plug. Bond GCA #8		21B. Drilling Contractor Hondo Drilling Company	
22. Approx. Date Work will start 3/21/79			

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'	600	Circ to surf
7-7/8"	5-1/2" OD	15.5# K-55	6200'	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 6-23-79

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 AK for L.D. Lane Title Dist. Drlg Supt. Date 3/20/79
(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE MAR 23 1979
CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

Atlantic Richfield

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

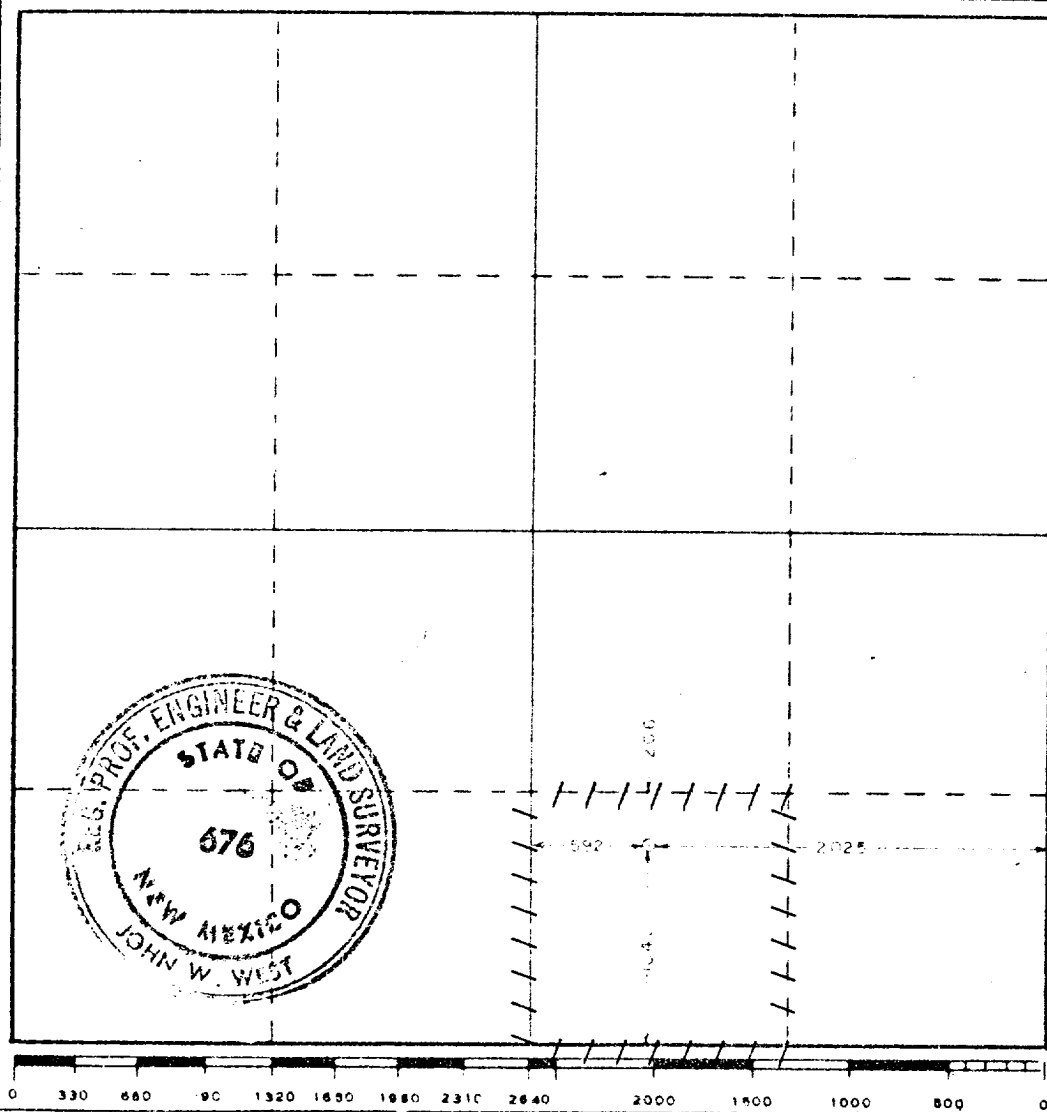
Operator ARCO Oil & Gas Company		Lease		Well No.
Atlantic Richfield		Empire Abo Unit L		155
Section	Township	Range	County	
O	2	18-S	Eddy	
Actual Well Location of Well:				
1040	feet from the South	line and	2025	feet from the East
Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:	
3552.7	Abo Reef	Empire Abo	40 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 *LD Lane*
Position *Dist. Drlg. Supt.*
Company *Atlantic Richfield*
~~ARCO Oil & Gas~~ Company
Date
3/20/79

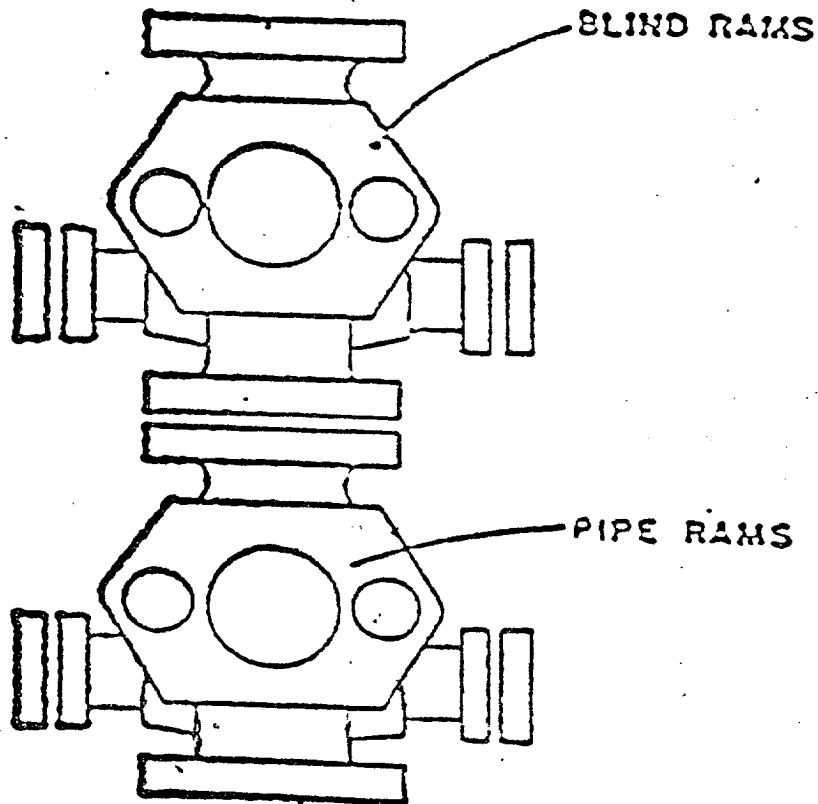
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 31, 1978

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. John W. West 676
Ronald J. Eidson 3239



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Empire Abo Unit "L"

Well No. 155

Location 1040' FSL & 2025' 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.