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NEW MEXICO OIL CONSERVATION COMMISSION

30-015-22415

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.	
647	

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 "G"	
OTHER		9. Well No.	
2. Name of Operator		323	
Atlantic Richfield Company		10. Field and Pool, or Wildcat	
3. Address of Operator		Empire Abo	
P. O. Box 1710, Hobbs, New Mexico 88240		12. County	
4. Location of Well		Eddy	
UNIT LETTER I LOCATED 1500 FEET FROM THE South LINE		13. Proposed Depth	
AND 700 FEET FROM THE East LINE OF SEC. 33 TWP. 17S RGE. 28E NMPM		6370'	
		19A. Formation	
		Abo Reef	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
3663.9' GR		Not selected	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
GCA #8		3/21/78	

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	600'	275	Circ to surf
7-7/8"	5-1/2" OD	14 & 15.5# K-55	6370'	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 (NSL-915).

Blowout Preventer Program attached.

RECEIVED

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

FEB 8 1978

EXPIRES 5-8-78

O.C.C.
ARTESIA, OFFICE

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 2/2/78

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE FEB - 8 1978

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

All distances must be from the outer boundaries of the Section

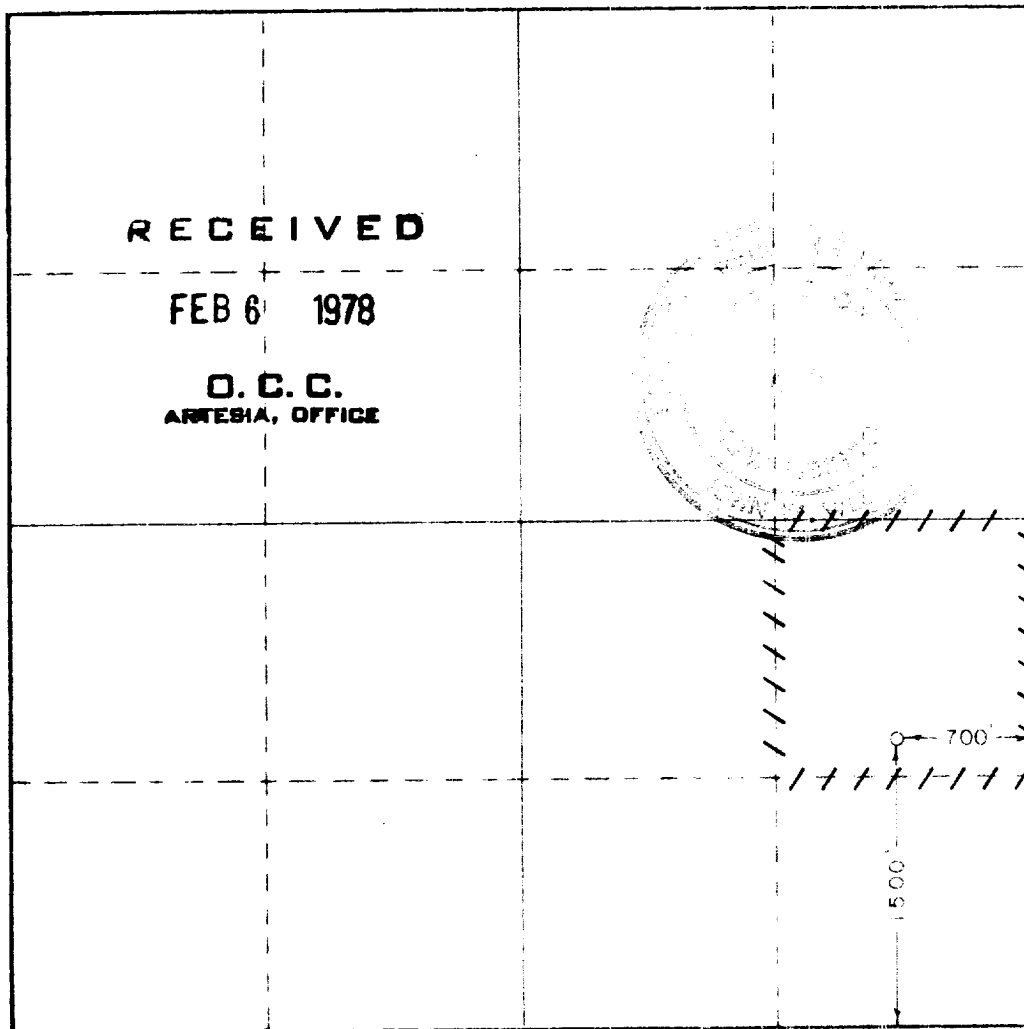
Operator Atlantic Richfield Co.			Lease Empire Abo Unit - G		Well No. 323
Unit Letter I	Section 33	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well:					
1500	feet from the	South	line and	700	feet from the
Ground Level Elev. 3663.9	Producing Formation Abo Reef		Base Empire Abo	Estimated Acreage 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.

Name _____
Signature _____

Dist. Dirg. Supt.

Company
Atlantic Richfield Company

Date
2/2/78

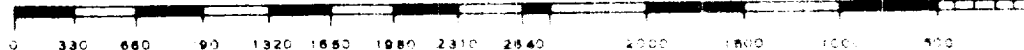
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

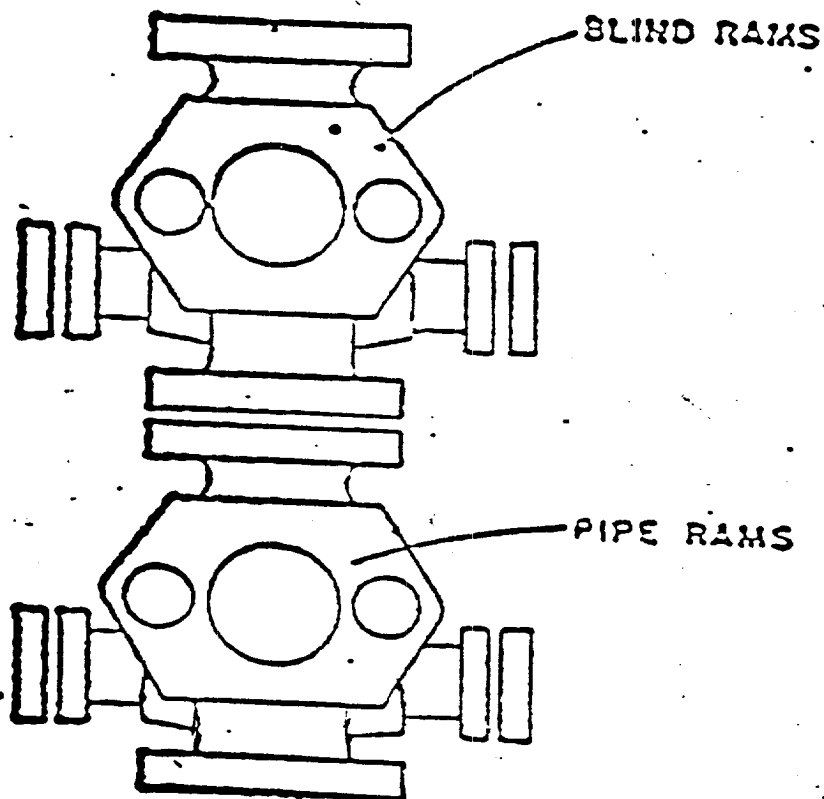
December 16, 1977

Date Surveyed

Registered Professional Engineer
and Land and Surveyor

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





ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Empire Abo Unit "G"

Well No. 323

Location 1500' FSL & 700' FEL
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.