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NEW MEXICO OIL CONSERVATION COMMISSION **RECEIVED** 30-015-22607
Form C-101
Revised 1-1-65

JUL 3 1978

O. C. C.
ARTESIA, OFFICE

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. 2029-46

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 "I"	
2. Name of Operator Atlantic Richfield Company ✓		9. Well No. 291	
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 <u>D</u> LOCATED <u>200</u> FEET FROM THE <u>North</u> LINE AND <u>350</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>4</u> TWP. <u>18S</u> RGE. <u>28E</u> NMPM		12. County Eddy	
21. Elevations (Show whether DF, RT, etc.) 3662.7 GR		21A. Kind & Status Plug. Bond GCA #8	21B. Drilling Contractor Hondo Drilling Co.
19. Proposed Depth 6350'		19A. Formation Abo Reef	20. Rotary or C.T. Rotary
22. Approx. Date Work will start Sept. 25, 1978			

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'	300	Circ
7-7/8"	5-1/2" OD	15.5# K-55	6350'	1250	Circ

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.

Blowout Preventer Program attached.

NSL-937

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 10-6-78

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.

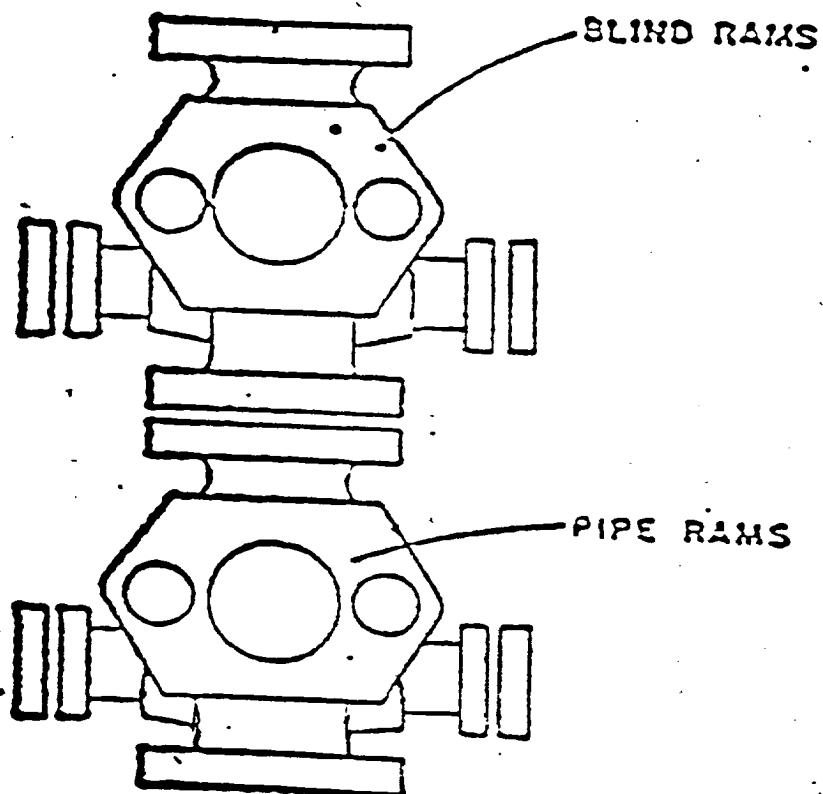
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] Title Dist. Drlg. Supt. Date 6-28-78

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE JUL - 6 1978

CONDITIONS OF APPROVAL, IF ANY:



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Empire Abo Unit "I"

Well No. 291

Location 200' FNL, 350' FWL, Sec. 4,
T-18-S, R-28-E, Eddy Co., N.M.

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.

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

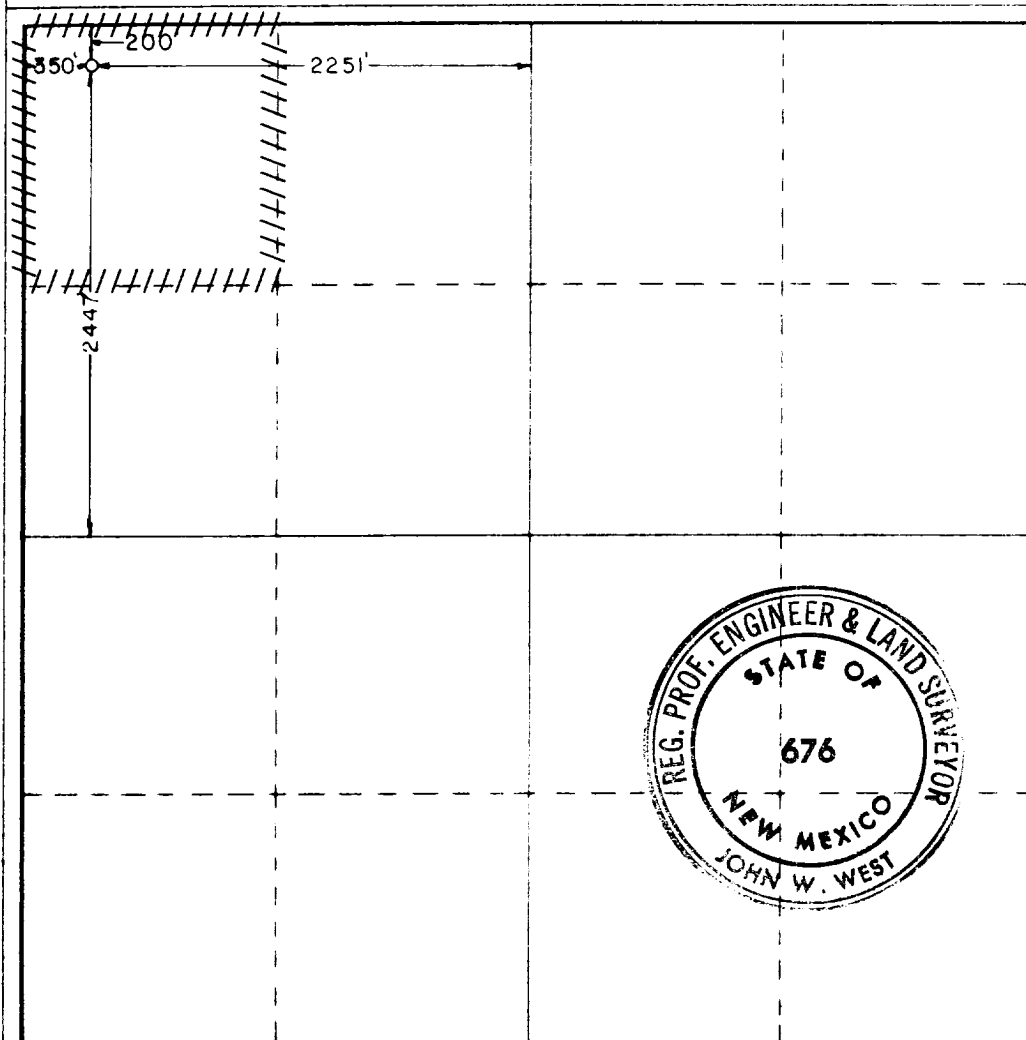
Operator Atlantic Richfield Co.			Lease Empire Abo Unit # 1		Well No. 291
Unit Letter D	Section 4	Township 18 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 200 feet from the North line and 350 feet from the West line					
Ground Level Elev. 3662.7	Producing Formation Abo Reef		Pool Empire Abo		Dedicated Acreage: 40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

LeRoy Lane

Name

LeRoy Lane

Position

Dist. Drlg. Supt.

Company

Atlantic Richfield Company

Date

6-28-78

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.

March 15, 1978

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. John W. West

676

Ronald J. Eidson 3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900

666- 30-015-25607

Ogid - 990
Property - 1.5
Pool - 22010

10-30-78
Comp. Denilog - Comp. Neutron
600 6341
Acoustic Cement Evaluation Log
600 6341
BNC Acoustilog
600 6341
Dual Laterolog - Micro Laterolog
600 6341
Gamma Ray Neutron
600 6341

66850-6)
2511013-6
2511013-6
2511013-6

~~6000~~ - 30-015-22607

Ogud - 990
Property - 1465
Pool - 22040

10-30-78
Comp. Denilog - Comp. Neutron
600-6354
Acoustic Cement Evaluation Log
4300-6275
BNC Acoustilog
5350-6349
Dual Laterolog - Micro Laterolog
5350-6354
Gamma Ray Neutron
5350-6354

166850-W
2811013-G
2811055-O
2812369-G