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NEW MEXICO OIL CONSERVATION COMMISSION

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30-015-21963

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

B-2071-25

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		Empire Abo Pressure Maintenance Project	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		8. Farm or Lease Name	
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		Empire Abo Unit "F"	
2. Name of Operator		9. Well No.	
Atlantic Richfield Company ✓		361	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 1710, Hobbs, New Mexico 88240		X Empire Abo	
4. Location of Well UNIT LETTER H LOCATED 1765 FEET FROM THE North LINE AND 1270 FEET FROM THE East LINE OF SEC. 34 TWP. 17S RGE. 28E NMPM		12. County	
		Eddy	
15. Proposed Depth		19A. Formation	
6360'		Abo Reef	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
3668.2', GR		11/16/76	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
GCA #8		Not selected	

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'	625	Circ to surf.
7-7/8"	5-1/2" OD	14 & 15.5# K-55	6360'	1650	Circ to surf.

Propose to drill a producing oilwell in the Empire Abo unitized area to complete a more efficient producing pattern, conserve energy, promote the greatest ultimate recovery of reserves, prevent waste, protect correlative rights. Proposed non-standard location to meet all requirements of Order No. 4549-B, Rule 14 & NSL order. Blowout Preventer Program diagram attached.

Surveys

Mud Program

Estimated Formation tops

GR-DLL w/RXO 0' - 750' Spud Mud
(MSFL) & Caliper 750' - 5750' Brackish Water
GR-Calibrated Neutron 5750' - 6360' SWG 34-38 Vis
Compensated Neutron-Form 5-8 WL, 30,000
Density salinity

Queen 1346'
Grayburg 1541'
San Andres 2091'
Abo 5820'

Sonic
Tape Logs for Coriband Analysis

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 2-5-77

NSL 802
11-2-76

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. Supv. Date 10/29/76

(This space for State Use)

APPROVED BY W. A. Gessett TITLE SUPERVISOR, DISTRICT II DATE NOV 5 1976

CONDITIONS OF APPROVAL, IF ANY:

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-1002
 Supersedes O-128
 Effective 1-1-65

All distances must be from the outer boundaries of the Section

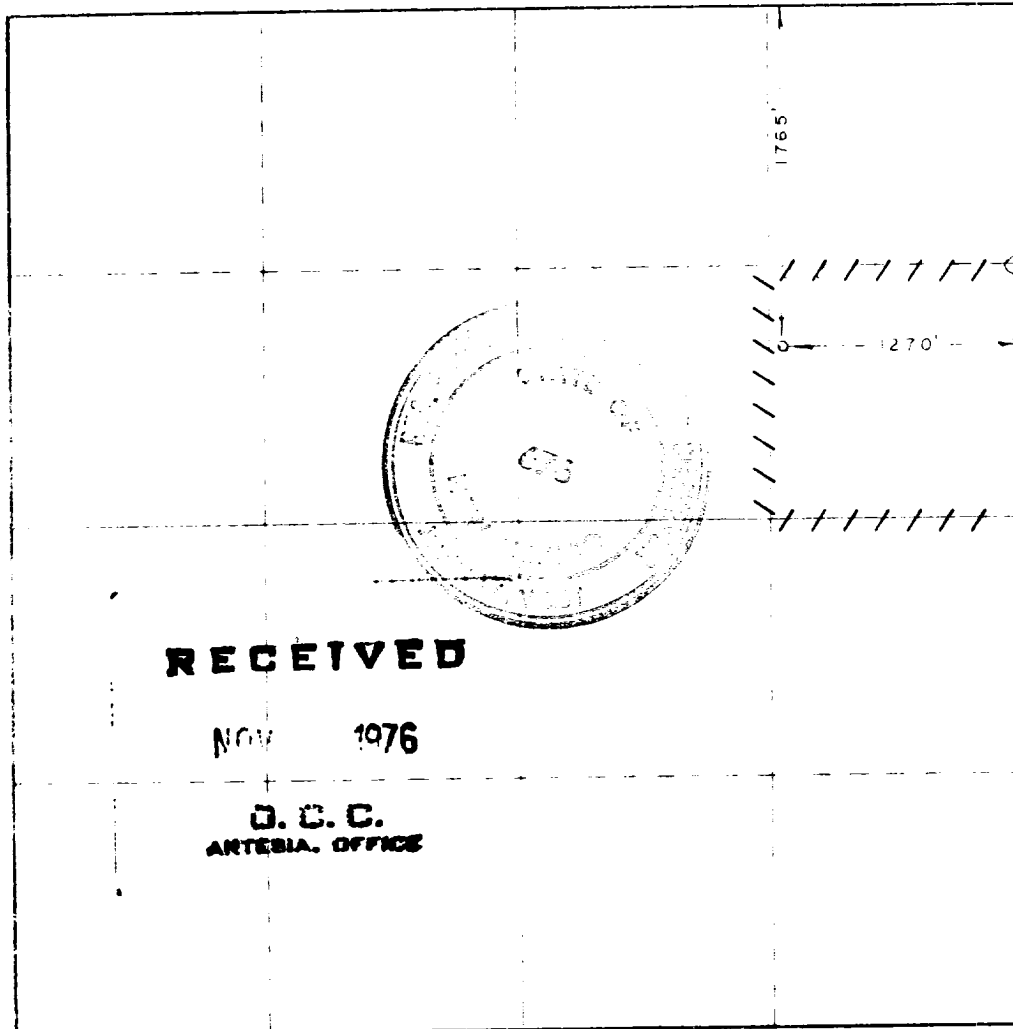
ATLANTIC RICHFIELD COMPANY			Empire Abo Unit <i>F</i>		361
H	34	17 South	28 East	Eddy	
1765	north	1270	east		
3668.2	ABO REEF	Empire Abo	40		

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.

[Signature]
 Dist. Dir. Supv.

Atlantic Richfield Company

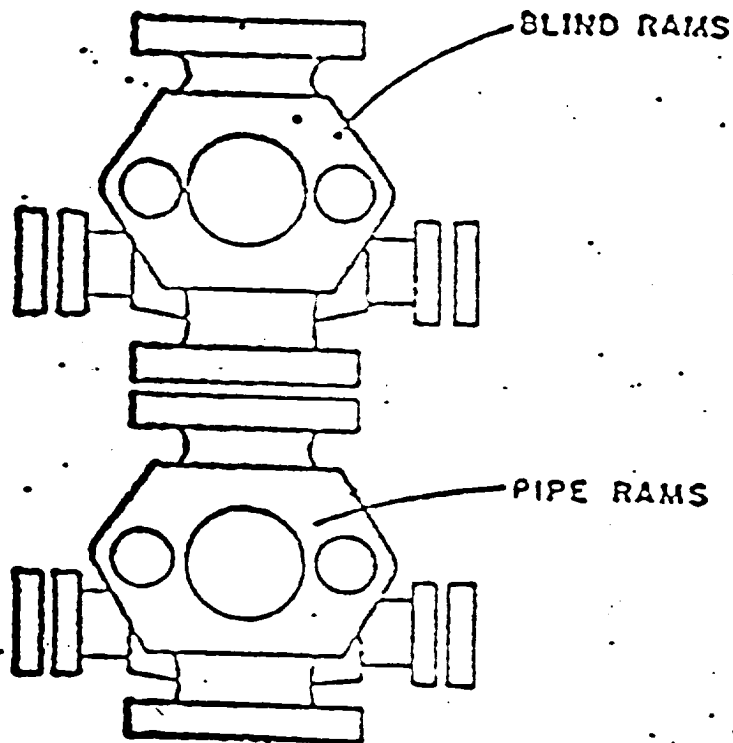
10/29/76

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.

Oct. 1, 1976

Registered Professional Engineer
 State of Texas

[Signature]
 John W. West



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Empire Abo Unit "F"

Well No. 361

Location 1765' FNL & 1270' FEL
Sec 34-17S-28E, Eddy County

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O. C. C.
ARTESIA, OFFICE

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.