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NEW MEXICO OIL CONSERVATION COMMISSION

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MAY 19 1975

O. C. C.

ARTESIA OFFICE

30-015-21541

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	
7. Unit Agreement Name	
8. Farm or Lease Name	
Empire Abo Unit H	
9. Well No.	
291	
10. Field and Pool, or Wildcat	
Empire Abo	
12. County	
Eddy	
19. Proposed Depth	19A. Formation
6350'	Abo Reef
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond
3661.3' GR	GCA #8
21B. Drilling Contractor	
Not Selected	
22. Approx. Date Work will start	
05/19/75	

1a. Type of Work	
b. Type of Well	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>
OTHER	
SINGLE ZONE <input checked="" type="checkbox"/>	
MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator	
Atlantic Richfield Company	
3. Address of Operator	
P. O. Box 1710, Hobbs, New Mexico 88240	
4. Location of Well	
UNIT LETTER M	LOCATED 200 FEET FROM THE South LINE
AND 50 FEET FROM THE West	LINE OF SEC. 33 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.)	
3661.3' GR	
21A. Kind & Status Plug. Bond	
GCA #8	
21B. Drilling Contractor	
Not Selected	
22. Approx. Date Work will start	
05/19/75	

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'	375	Circ
7-7/8"	5-1/2" OD	14# K-55	6350'	1050	Circ

Propose to drill an oilwell to develop the Abo Reef formation within the Empire Abo Unit boundaries in order to decrease gas voidage and intain oil production.

Unorthodox well location approved by Administrative Order NSL-706 under the provisions of Rule 14 of Order No. R-4549-B.

BOP to be installed as per attached diagram.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 8-20-75

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. Drilling Supervisor Date May 12, 1975  
(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE MAY 20 1975  
CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-11  
Supersedes O-108  
Effective 10-1-66

All distances must be from the outer boundaries of the Section

Owner <b>Atlantic Richfield Company</b>		Lease <b>Empire Abo Unit "H"</b>		Well No. <b>291</b>
Section <b>M</b>	Range <b>33</b>	Township <b>17 South</b>	Range <b>28 East</b>	County <b>Eddy</b>
Acres <b>200</b>		Section <b>South</b>	Acres <b>50</b>	Section <b>West</b>
Dedicated Acreage <b>3661.3</b>		Dedicated Acreage <b>Empire Abo</b>		Dedicated Acreage <b>40</b>

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 "Yes," list the owners and their descriptions which have actually been consolidated. (Use reverse side of this form, if necessary.)

Number of wells or assigned to the well unitized interests have been consolidated by communitization, unitization, force-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. Drilling Supervisor

Atlantic Richfield Company

May 16, 1975

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

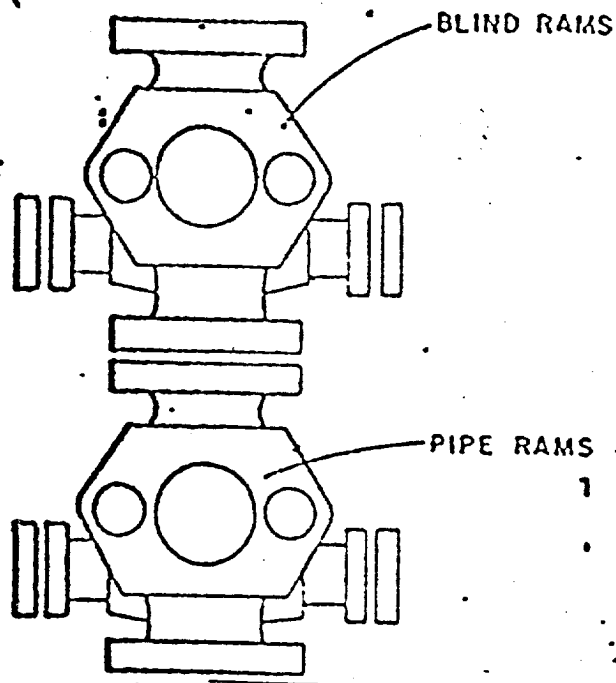
November 7, 1974

*[Signature]*

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MAY 19 1975

O. C. C.  
ARTESIA, OFFICE



ATLANTIC RICHFIELD COMPANY  
Blow Out Preventer Program

Lease Name Empire Abo Unit "H"

Well No. 291

Location Unit Letter "M", 200' FSL &  
50' FWL Sec. 33-T17S-R28E  
Eddy County, New Mexico

BOP to be tested before installed on well and will be maintained in good working condition during workover. All wellhead fittings to be of sufficient pressure to operate in a safe manner.