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NEW MEXICO OIL CONSERVATION COMMISSION

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30-015-22604

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. 647-349, 647-351	
6. Indicate Type of Project Pressure Maintenance Project	
8. Farm or Lease Name Empire Abo Unit "H"	
9. Well No. 302	
10. Field and Pool, or Wildcat Empire Abo	
12. County Eddy	
19. Proposed Depth 6300'	19A. Formation Abo Reef
20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 3670.9' GR	21A. Kind & Status Plug. Bond GCA #8
21B. Drilling Contractor Hondo Drilling Co.	
22. Approx. Date Work will start Sept. 4, 1978	

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>
b. Type of Well	
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>
OTHER <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 <u>N</u>	LOCATED <u>1250</u> FEET FROM THE <u>South</u> LINE
AND <u>1925</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>33</u> TWP. <u>17S</u> RGE. <u>28E</u> NMPM	
19. Proposed Depth 6300'	
19A. Formation Abo Reef	
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21. Elevations (Show whether DF, RT, etc.) 3670.9' GR	
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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	6300'	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.

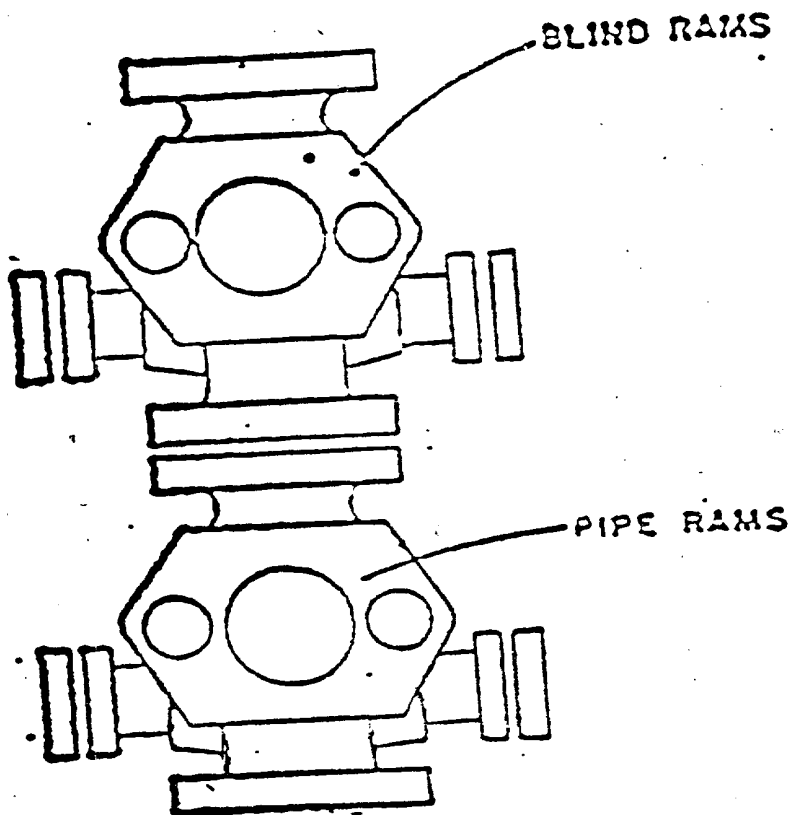
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

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

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JUL - 6 1978

CONDITIONS OF APPROVAL, IF ANY:



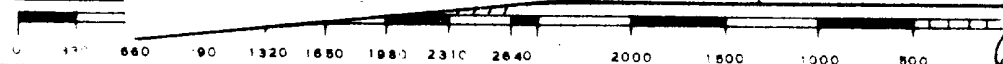
**ATLANTIC RICHFIELD COMPANY**  
**Blow Out Preventer Program**

**Lease Name** Empire Abo Unit "H"

**Well No.** 302

**Location** 1250' FSL, 1925 FWL, Sec. 33,  
T-17-S, R-28-E, Eddy Co., N.M.

BOP to be tested before installed  
 well and will be maintained in go-  
 working condition during drilling  
 wellhead fittings to be of suffic-  
 pressure to operate in a safe mar-



Certificate No.

John W. West

676

Ronald J. Eidson

3239