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NEW MEXICO OIL CONSERVATION COMMISSION

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APR 25 1977

O. C. C.

ASTORIA OFFICE

30-015-22138

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. 647-320 647-368 647-363	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			
1a. Type of Work			
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 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 F LOCATED 1900 FEET FROM THE North LINE AND 2260 FEET FROM THE West LINE OF SEC. 35 TWP. 17S RGE. 28E NMPM			
7. Unit Agreement Name Empire Abo Pressure Maintenance Project			
8. Farm or Lease Name Empire Abo Unit "F"			
9. Well No. 381			
10. Field and Pool, or Wildcat X Empire Abo			
12. County Eddy			
19. Proposed Depth 6380'		19A. Formation Abo Reef	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3679' GL	21A. Kind & Status Plug. Bond GCA #8	21B. Drilling Contractor Not selected	22. Approx. Date Work will start June 20, 1977

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'	325	Circ to surface
7-7/8"	5-1/2" OD	14 & 15.5#K-55	6380'	1725	Circ to surface

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.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 7-26-77

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 4/21/77

(This space for State Use)  
APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE APR 26 1977

CONDITIONS OF APPROVAL, IF ANY:

NSL-809  
11-12-76