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NEW MEXICO OIL CONSERVATION COMMISSION

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MAR 30 1976

30-015-21769

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 "G"
9. Well No. 321
10. Field and Pool, or Wildcat Empire Abo
12. County Eddy
19. Proposed Depth 6400'
19A. Formation Abo Reef
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3663.8' GR
21A. Kind & Status Plug. Bond GCA #8
21B. Drilling Contractor Hondo Drlg. Co.
22. Approx. Date Work will start 4/19/76

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"/>	ARTESIA, OFFICE
b. Type of Well 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 I LOCATED 1520 FEET FROM THE South LINE AND 230 FEET FROM THE East LINE OF SEC. 33 TWP. 17S RGE. 28E NMPM	
19. Proposed Depth 6400'	19A. Formation Abo Reef
20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 3663.8' GR	21A. Kind & Status Plug. Bond GCA #8
21B. Drilling Contractor Hondo Drlg. Co.	22. Approx. Date Work will start 4/19/76

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	550'	450	Circ to surf
7-7/8"	5-1/2" OD	14 & 15.5#K-55	6400'	1100	Circ to surf

Propose to drill a producing oilwell in the Empire Abo Unit to complete a more efficient producing pattern, to conserve energy, promote the greatest ultimate recovery of reserves, prevent waste and protect correlative rights. Proposed non-standard well location to meet all requirements of Order No. 4549-B, Rule 14, NSL 743.

See blowout preventer program attached.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 6-30-76

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 3/29/76
(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE MAR 30 1976
CONDITIONS OF APPROVAL, IF ANY: