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NEW MEXICO CONSERVATION COMMISSION

JUL 7 1977

O. C. C.
ARTESIA, OFFICE

30-015-22226

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 Empire Abo Pressure Maintenance Project
8. Farm or Lease Name Empire Abo Unit "F"
9. Well No. 333
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.) 3672.7' GR
21A. Kind & Status Plug. Bond GCA #8
21B. Drilling Contractor Hondo Drilling Co.
22. Approx. Date Work will start 8/1/77

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"/>
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 E LOCATED 1286 FEET FROM THE West LINE AND 1602 FEET FROM THE North LINE OF SEC. 34 TWP. 17S RGE. 28E NMPM

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'	275	Circ to surf
7-7/8"	5-1/2" OD	15.5# K-55	6300'	1575	Circ to surf
		14# K-55	6200'		

Propose to drill a development well in the Empire Abo Unit to complete a more efficient producing pattern. This well subject to non-standard location approval.

Blowout Preventer Program attached.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 10-26-77

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 7/6/77

(This space for State Use)

APPROVED BY W. A. Gressett SUPERVISOR, DISTRICT II DATE JUL 26 1977

CONDITIONS OF APPROVAL, IF ANY:

NSL 870
7-26-77