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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-75

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐

5. State Oil & Gas Lease No.
S-NM157

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name State 157 "B"	
c. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company		9. Well No. 4	
3. Address of Operator Box 1710, Hobbs, New Mexico 88240		10. Field and Pool, or Well Unit Jalmit Yates 7R	
4. Location of Well UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE 858 FEET FROM THE West LINE OF SEC. 7 TWP. 22S RGE. 36E NMPM		11. County Lea	
12. Proposed Depth 4000'		13A. Formation Yates 7R	
13B. Drilling Contractor Hondo Drlg Co.		13. Rotary or C.T. Rotary	
14. Elevation (Show whether DT, RL, etc.) 3600.1' GL		21A. Kind & Status Plug. Bend GCA #8	
21B. Kind & Status Plug. Bend GCA #8		22. Approx. Date Work will start 12/26/79	

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	28# S-80	1200'	550	Circ to surf
7-7/8"	5 1/2" OD	15.5# K-55	4000'	1250	Circ to surf

Propose to drill a development well and test the producing capabilities of the Yates 7R Queen oil.

Blowout Preventer Program attached.

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 *L. Portner* Title Dist. Drlg. Supt. Date 12/18/79

(This space for State Use)

APPROVED BY *[Signature]* TITLE SUPERVISOR DISTRICT 1 DATE DEC 20 1979

CONDITIONS OF APPROVAL, IF ANY: