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NEW MEXICO OIL CONSERVATION COMMISSION

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O. C. D.
ARTESIA, OFFICE

30-015-23346
Form C-101
Revised 1-4-65

5A. Indicate Type of Lease	STATE ☒ FILE ☐
5. State Oil & Gas Lease No.	ST - 647

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		DRILL ☒ DEEPEN ☐ PLUG BACK ☐
2. Name of Operator Yates Petroleum Corporation		3. Well No. 1
4. Address of Operator 207 South 4th Street, Artesia, New Mexico 88210		10. Field and Pool, or Wellbore Und. Illinois Camp-Morrow Gas
1. Location of Well UNIT LETTER N LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 30 TWP. 18S RGE. 28E		11. County Eddy
12. Proposed Depth 10590		13A. Formation Morrow
14. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Capitan 14 (?)
22. Approx. Date Work will start ASAP		

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	approx. 400'	250 sx circulate	
11" (12 1/4")	8 5/8"	24#	approx. 2050'	800 sx circulate	
7 7/8"	5 1/2" or 4 1/2"	15.5 - 17# or 10.5 - 11.6#	approx. 10590'	350 sx	

Propose to drill and test the Morrow and intermediate formations. Approximately 400' of surface casing will be set and cemented to surface and intermediate casing will be set in top of the San Andres, cement to cover the Queen. If commercial, will run 5 1/2" or 4 1/2" casing, perforate and stimulate as needed for production.

MUD PROGRAM: FW gel and LCM to 2050', FW to 6000', KCL water to 7350', flosal-driskpak type mud to TD.

BOP PROGRAM: BOP's and hydril will be installed on 8 5/8" casing and tested daily.

GAS ACREAGE NOT DEDICATED.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 9-3-80

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 James A. Lopez Title Regulatory Coordinator Date June 2, 1980

(This space for State Use)

APPROVED BY

W. A. Gressitt

TITLE

SUPERVISOR, DISTRICT 17

DATE

JUN 3 1980

REASONS OF APPROVAL, IF ANY:

Consent to be drilled to surface behind 3 3/8" 4898"