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NEW MEXICO OIL CONSERVATION COMMISSION

MAR 31 1978

O. C. C.  
ARTESIA, OFFICE

30-015-22492  
Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name	
2. Name of Operator Yates Petroleum Corporation		8. Farm or Lease Name Rio Pecos "GB" Com	
3. Address of Operator 207 South 4th Street - Artesia, NM 88210		9. Well No. 2	
4. Location of Well UNIT LETTER L LOCATED 1980 FEET FROM THE South LINE AND 1100 FEET FROM THE West LINE OF SEC. 20 TWP. 18S RGE. 27E NADOM		10. Field and Pool, or Wildcat Red Lake Penn. <i>11a. 11b. 11c.</i>	
11. Elevation (Show whether DP, RL, etc.) 3290' GR		12. County Eddy	
13. Proposed Depth 9900' (Approx)		14. Formation Morrow	
15. Drilling Contractor MORANCO		16. Rotary or C.T. Rotary	
17. Approx. Date Work will start As soon as approved			

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#	250'	175	Circulate
12 1/4"	8-5/8"	24#	1700'	850	Circulate
7-7/8"	5 1/2" or 4 1/2"	15.5#-17# 10.5#-11.6#	TD	250	

We propose to drill and test the Morrow and intermediate formations.  
Approx. 250' of surface casing will be set to protect hole from caving and gravel, and intermediate casing will be set thru the Premier and Lovington sands. If commercial will run 5 1/2" or 4 1/2" casing and cover pay with at least 600 feet of cement.

Mud Program: - FW gel & LCM to 1700', Water to 5900', KCL-Starch-Drispak to 9100', KCL-Flosal-Drispak to TD.

BOP Program: - BOP's & hydril on 8-5/8" casing and tested, pipe rams tested daily, blind rams on trips.

Gas acreage not dedicated

EXPIRES 7-10-78

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 Eddie M. Mahford Title Engineer Date 3-29-78  
(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE APR 10 1978

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 13 3/8" casing

Notify N.M.O.C.C. in sufficient time to witness cementing the 8 5/8" casing