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## NEW MEXICO OIL CONSERVATION COMMISSION

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JUN 26 1975

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil &amp; Gas Lease No.

K-5115

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		19. Proposed Depth		19A. Formation		20. Rotary or C.T.	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		DEEPEN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>			
2. Name of Operator Yates Petroleum Corporation ✓		11500(approx)		Morrow		Rotary	
3. Address of Operator 207 South 4th Street - Artesia, NM 88210		21B. Drilling Contractor TRG Drilling Co.		22. Approx. Date Work will start July 2, 1975			
4. Location of Well UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 30 TWP. 20S RGE. 28E NMPM		21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor TRG Drilling Co.		22. Approx. Date Work will start July 2, 1975	
21. Elevations (Show whether DF, RT, etc.) 3282' GR		21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor TRG Drilling Co.		22. Approx. Date Work will start July 2, 1975	

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	13-3/8"	48#	600'	450 sx	Circulate
12¼"	9-5/8" 878	36# 24+32	2800'	1000 sx	Circulate
7-7/8"	5½ or 4½"	17 or 11.6#	11500'	300 sx	

Propose to drill 11500' and test the Morrow and intermediate formations. If commercial pay is encountered will run 4½" or 5½" oil string. Approx. 600' of surface casing will be run to shut off gravel and surface waters, cement circulated, and approx 2800' of Intermediate casing will be run and set in the Delaware, cement circulated.

Mud Program: - Gel & LCM to 2800', FW to 8400'. Brine to 10000', Low Fluid loss brine mud to 11500'.

BOP Program: - BOP's and hydril will be installed on 9-5/8" casing and tested; pipe rams tested daily, blind rams on trips and rotating head will be used if needed.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 9-30-75

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. Leahy Title Engineer Date 6-26-75

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JUN 30 1975

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to  
surface behind 13 3/8" + 9 5/8" casing

Notify N.M.O.C.C. in sufficient  
time to witness cementing  
the 9 5/8" casing