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NEW MEXICO OIL CONSERVATION COMMISSION

SEP 5 1980

O. C. E.

30-005-60778
Form C-101
Revised 1-4-85

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. Title of Lease
L-6779

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work		b. Type of Well		c. Name of Operator		d. Address of Operator		e. Location of Well		f. Field and Section		g. Well No.	
DRILL ☒ DEEPEN ☐ PLUG BACK ☐		OIL WELL ☐ GAS WELL ☒ OTHER ☐		Yates Petroleum Corporation		207 South 4th Street, Artesia, NM 88210		UNIT LETTER I LOCATED 660 FEET FROM THE East LINE		Morrow		1	
2. Proposed Depth		3. Formation		4. History of C.T.		5. Approx. Date Work will start		6. State Work will start		7. State Work will start		8. State Work will start	
8180'		Morrow		Rotary		as soon as possible		as soon as possible		as soon as possible		as soon as possible	
9. Cement		10. Cement		11. Cement		12. Cement		13. Cement		14. Cement		15. Cement	
Blanket		Blanket		Blanket		Blanket		Blanket		Blanket		Blanket	

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# J-55	approx. 300'	250 sx	circulate
12½"	8 5/8"	24# J-55	approx. 1600'	550 sx	circulate
7 7/8"	5½ or 4½"	15.5-17# K-55 or 10.5-11.6#	8180	300 sx	

Propose to drill and test the Morrow and intermediate horizons. Approx. 300' of surface casing will be run and cement circulated to shut off gravel and caving. Approx. 1600' of intermediate casing will be set and cemented to the surface. If commercial pay is encountered, will run 5½" or 4½" casing and cement with 600' of cover, perforate and stimulate as needed.

MUD PROGRAM: FW gel & LCM to 1600', fresh water to 4000', KCL water to 6600, starch-driskak-KCL to 7400', flosal-driskak-KCL mud to TD, MW 8.9-9.0, Vis 34-39, WL 10-7.

BOP PROGRAM: BOP's and hydril on the 8 5/8" casing and tested, pipe rams daily, blind rams on trips, Yellow-Jacket prior to drilling Wolfcamp.

GAS NOT DEDICATED

APPROVAL VASD
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 12-9-80

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 [Signature] Title Regulatory Coordinator Date 9/4/80

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II

DATE

SEP 9 - 1980

CONDITIONS OF APPROVAL, IF ANY:

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

Notify N.M.O.C.C. in sufficient
time to witness cementing

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