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RECEIVED

OCT 18 1984

O. C. D.  
ARTESIA, OFFICE

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil &amp; Gas Lease No.

LG-6459

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

a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

OIL WELL ☐GAS WELL ☒OTHER ☐SINGLE ZONE ☐MULTIPLE ZONE ☐

c. Name of Operator

YATES PETROLEUM CORPORATION

d. Address of Operator

207 South 4th Street, Artesia, New Mexico 88210

e. Location of Well

UNIT LETTER G

LOCATED 1980 1680 FEET FROM THE North LINE

AND 1980 FEET FROM THE East LINE OF SEC. 32 TWP. 19S RGE. 24E NMPM

7. Unit Agreement Name

8. Form or Lease Name

Agave "AAJ" State

9. Well No.

1

10. Field and Pool, or Wildcat

Undes. Morrow

12. County

Eddy

1. Elevations (show whether DT, KI, etc.)

3791.1' GL

21A. Kind &amp; Status Plug. Bond

Blanket

19. Proposed Depth

9200'

19A. Formation

Morrow

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

Undesignated

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# H-40	appr. 400'	400 sx	circ.
12 1/4"	8 5/8"	24# K-55	appr. 960'	450 sx	circ.
7 7/8"	5 1/2" or 4 1/2"	15.5-17#	TD	400sx	
		10.5-11.6#			

We propose to drill and test the Mississippian lime and intermediate horizons. Will set approximately 400' of surface casing to shut off gravel and caving and will set intermediate casing through the Glorieta Sand, both strings to be circulated. If commercial, will run 5 1/2" or 4 1/2" and cement with at least 600' of cover.

MUD PROGRAM: FW gel/LCM to 960' water to 5700', starch/driskpak to 7900', SW gel/starch/driskpak to TD.

BOP PROGRAM: BOP's/hydril on 8 5/8" csg and tested, pipe rams tested daily, blind rams on trips yellow jacket, pit level control and flow sensor on at 5200'.

GAS NOT DEDICATED.

APPROVAL VALID FOR 180 DAYS

PERMIT EXPIRES 4-22-85

UNLESS DRILLING UNDERWAY

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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 Alonso Rodriguez Title Regulatory Agent Date 9/24/84

(This space for State Use)

Original Signed By

APPROVED BY Mike Williams TITLECONDITIONS OF APPROVAL, IF ANY Oil & Gas InspectorDATE OCT 19 1984Notify N.M.O.C.C. in sufficient  
time to witness cementingthe 8 5/8 casing