

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease

STATE ☒FEE ☐

5. State Oil &amp; Gas Lease No.

LG-2265

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

1. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

2. Type of Well

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

3. Name of Operator

Yates Petroleum Corporation

4. Address of Operator

207 S. 4th, Artesia, New Mexico 88210

5. Location of Well

UNIT LETTER M

LOCATED 660

FEET FROM THE South LINE

6. 660 FEET FROM THE West

LINE OF SEC. 11

TWP. 14S

RGE. 33E

NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Superior "WA" State

9. Well No.

1

10. Field and Pool, or Wildcat

Lazy J Penn

Permian

Permian

Permian

12. County

Lea

11. Elevations (Show whether DF, KT, etc.)

4197.4' GL

21A. Kind &amp; Status Plug. Bond

Blanket

19. Proposed Depth

10,250'

19A. Formation

Penn

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

Collier

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# J-55	450'	400 sx	circulated
12 1/4"	8 5/8"	24# J-55	4200'	1300 sx	400'
7 7/8"	5 1/2"	17# N-80-L	TD	450 sx	9200'
		17# N-55-L			
		17# N-55-S			
		17# K-55-S			
		17# N-80-L			

We propose to drill a 10,250' well and test the Permian-Penn and intermediate formations. Approximately 450' of surface casing will be set and cement circulated and approximately 4250' of intermediate will be set and cement circulated back to about 400'. Production casing will be set to TD and cemented back to approximately 9300'.

MUD PROGRAM: FW gel to 450', native mud 4250', water & paper to 7550', starch-driskak-KCL to TD.

BOP PROGRAM: BOP's will be installed at the offset and tested daily.

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 Gregory R. Kelly Title Regulatory Manager Date 11/1/82

(This space for State Use)

APPROVED BY Edwin W. [Signature] TITLE OIL & GAS INSPECTOR DATE NOV 1 1982

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FORM 10/1/82  
IF PERMIT EXPIRES 5/1/83  
UNLESS DRILLING UNDERWAY 4070  
IS CONTINUED.

RECEIVED  
NOV 4 1982  
F.C.D.  
HOBBS OFFICE