

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 & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

Name of Operator

Yates Petroleum Corporation

Address of Operator

207 South Fourth Street - Artesia, NM 88210

Location of Well

UNIT LETTER M LOCATED 660 FEET FROM THE South LINE

660 FEET FROM THE West LINE OF SEC. 22 TWP. 16S RGE. 37E

7. Unit Agreement Name

8. Farm or Lease Name

Freeman "ACF"

9. Well No.

1

10. Field and Pool, or Wildcat
NE Lovington Penn

UNDESIGNATED

12. County

Lea

19. Proposed Depth

11,850'

19A. Formation

Strawn

20. Rotary or C.T.

Rotary

21. Kind & Status Prog. Bond

Blanket

21B. Drilling Contractor

Delta Drilling #98

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	460'	400 sacks	Circulate
12-1/4"	8-5/8"	24# K-55 & S-80			
		28# S-80	4350'	1500 sacks	400'
7-7/8"	5-1/2"	17# S-95 & N-80	TD	450 sacks	9200'

We propose to drill at 11,850' well and test the Strawn and intermediate formations. Approximately 460' of surface casing will be set and cement circulated and approximately 4350' of intermediate casing will be set and cement circulated back to about 400'. Production casing will be set and cemented back to approximately 9200'.

MUD PROGRAM: FW gel to 2100'; Brine to 4300'; Fresh water to 9850'; Brine/Salt gel to TD

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

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

BOVE 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.

by certify that the information above is true and complete to the best of my knowledge and belief.

ed Clifton May Title Regulatory Agent Date March 25, 1985

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

ROVED BY DISTRICT 1 SUPERVISOR TITLE

DITIONS OF APPROVAL, IF ANY:

DATE

MAR 25 1985

RECEIVED

MAR 25 1985

GCE
HOBBS OFFICE