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P. O. BOX 200
SANTA FE, NEW MEXICO 87501

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NOV 22 1983
O. C. D.
ARTESIA, OFFICE

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

LG-2407

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

OIL WELL ☐GAS WELL ☒

OTHER

SINGLE ZONE ☐MULTIPLE ZONE ☐

2. Name of Operator

Yates Petroleum Corporation ✓

3. Address of Operator

207 S. 4th, Artesia, New Mexico 88210

4. Location of Well

UNIT LETTER FI LOCATED 1980 FEET FROM THE South LINE

AND 660

FEET FROM THE East LINE OF SEC. 13 TWP. 19S RGE. 23E NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Triangle Ranch "YK"

9. Well No.

State

1

10. Field and Pool, or Wildcat

Undes. Morrow

17. County

Eddy

19. Proposed Depth 8470'	19A. Formation Morrow	19B. Rotary or C.T. Rotary
21. Elevations (Show whether DF, KI, etc.) 3831.0' GL	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Undesignated
		22. Approx. Date Work will start ASAP

23.

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#	appr. 200'	200 sx	circ
12 1/4"	8 5/8"	24#	appr. 1680'	850 sx	circ
7 7/8"	5 1/2" or 4 1/2"	15.5-17#	TD	400 sx	
		10.5-11.6#			

Posted at 11-25-83
11-25-83

We propose to drill and test the Mississippian lime and intermediate horizons. Will set approximately 200' 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 1680', water to 5700', starch/drispak to 7900', SW gel/starch/drispak 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.

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.

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

Signed Cy Brown Title Regulatory Agent Date 11/22/83

(This space for State Use)

APPROVED BY Randy Brooks TITLE Geologist DATE 11/23/83

CONDITIONS OF APPROVAL, IF ANY:

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

180 DAYS
5/23/84
UNLESS DRILLING UNDERWAY