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APR 22 1983

5A. Indicate Type of Lease
STATE REC

5. State Oil & Gas Lease No.
LG-250

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work
O. C. D.
ARTESIA, OFFICE PLUG BACK

2. Type of Well
DRILL DEEPEN
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

7. Unit Agreement Name

8. Farm or Lease Name
Margaret "RQ" State

3. Name of Operator
Yates Petroleum Corporation ✓

4. Address of Operator
207 S. 4th, Artesia, New Mexico 88201

9. Well No.
4

10. Field and Pool, or Wildcat
~~Under~~ Pecos Slope

6. Location of Well
UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE
1980 FEET FROM THE West LINE OF SEC. 36 TWP. 4S RGE. 24E NMPM

11. County
Abo
Chaves

19. Proposed Depth 4225'	19A. Formation Abo	20. Rotary or C.T. Rotary
21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor not determined	22. Approx. Date Work will start ASAP

18. Elevations (show whether DT, RT, etc.)
3952.3' GL

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4"	10 3/4"	48# J-55	900'	800 sx	circulated
7 7/8"	4 1/2"	9.5# J-55	TD	350 sx	

We propose to drill and test the Abo and intermediate formations. Approximately 900' of surface casing will be set and cement circulated to shut off gravel and caving. If needed (lost circulation) 8 5/8" intermediate casing will be run to 1500' and cemented with enough cement calculated to tie back into the surface casing. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: FW gel/LCM to 900', Brine to 3500', Brine & KCL water to TD.

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

GAS NOT DEDICATED.

APPROVAL VALID FOR 180 DAYS
PERMIT NO. 10-2583
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 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 Kew Beard Title Regulatory Agent Date 4/22/83

(This space for State Use)

APPROVED BY M. Williams TITLE OIL AND GAS INSPECTOR DATE APR 25 1983

CONDITIONS OF APPROVAL, IF ANY:

Post FD-1
4-29-83
New Mexico API