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P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐
5. State Oil & Gas Lease No.
LG-155

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work

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

c. Name of Operator

Yates Petroleum Corporation ✓

d. Address of Operator

207 S. 4th, Artesia, New Mexico 88210

e. Location of Well

UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE

AND 1980 FEET FROM THE East LINE OF SEC. 31 TWP. 4 RGE. 25 NADPM

7. Unit Agreement Name

Willow Creek Unit

8. Farm or Lease Name

Willow Creek Unit

9. Well No.

4

10. Field and Pool, or Wildcat
Pecos Slope Abo11. County
Chaves

12. Proposed Depth

4500'

13A. Formation

Abo

13B. Rotary or C.T.

Rotary

14. Elevations (show whether DF, RI, etc.)

3839.0' GL

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

Undesignated

22. Approx. Date Work will start

ASAP

15.

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"	40.5# J-55	900'	600 sx	circ
7 7/8"	5 1/2"	9.5# J-55	TD	800 sx	circ

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 3600', Drispak/starch to 4400', flosal/driskpak to TD.

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

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 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



Title

Regulatory Agent

Date

11/21/83

(This space for State Use)

Original Signed By

Leslie A. Clements

Supervisor District II

APPROVED BY

TITLE

DATE

NOV 22 1983

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 5-21-84
UNLESS DRILLING UNDERWAY