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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

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 Drilling Company

3. Address of Operator

207 South 4th Street, Artesia, N.M. 88210

4. Location of Well

UNIT LETTER P LOCATED 500 FEET FROM THE South LINE

AND 760 FEET FROM THE East LINE OF SEC. 27 TWP. 12 S RGE. 31 E NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Doyal

9. Well No.

2

10. Field and Pool, or Wildcat

SE Chaves Queen Gas Assoc

11. County

Chaves

19. Proposed Depth

3100'

19A. Formation

Queen

19. Rotary or C.T.

Rotary

1. Elevations (Show whether DF, HT, etc.)

4426'

21A. Kind & Status Plug, Bond

Blanket

21B. Drilling Contractor

I&M

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
12 1/2"	8 5/8"	24# J-55	400'	300 sx. circ.	
7 7/8"	5 1/2"	9.5# J-55	TD	200 sx/tie	back to base of salt

We propose to drill and test the Queen and intermediate formations. Approximately 400' of surface casing will be set and cement circulated to shut off gravel and caving. If needed (lost circulation) 7" intermediate casing will be run to 1900' 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.

MUD PROGRAM: FW 400', 10# Brine to TD. Mud up s/SW gel to log. LCM if needed.

BOP PROGRAM: BOP's will be installed after setting the 8 5/8" casing 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 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 Eddie W. Seay Title Engineer Date 8/30/84

(This space for State Use)

Eddie W. Seay

APPROVED BY Oil & Gas Inspector TITLE Oil & Gas Inspector DATE SEP 24 1984

CONDITIONS OF APPROVAL, IF ANY: