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U.S.G.S.	
AND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
1-4097

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

Type of Well

WELL ☐

CAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

Name of Operator

Yates Petroleum Corporation

Address of Operator

207 South 4th Street, Artesia, NM 88210

Location of Well

UNIT LETTER X

LOCATED 1980

FEET FROM THE North LINE

660

FEET FROM THE East

LINE OF SEC. 30

TWP. 22S

R. 33E

N.M.P.M.

1. County

Lea

7. Unit Agreement Name

Pronghorn Unit

8. Farm or Lease Name

Pronghorn Unit

9. Well No.

2

10. Field and Pool, or Wildcat

Wildcat

19. Proposed Depth

15400'

19A. Formation

Mississippian

19. History or C.T.

Rotary

11. Deviations (Show whether DF, HT, etc.)

3674 GL

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

Kenai Drilling Co.

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
2"	20"	Conductor Pipe	120'	4yds. Ready Mix	
7 1/2"	13 3/8"	48# J-55	750'	750	
10 3/4"	10 3/8"	40.5#-51#	4700	1300	
1 1/2"	8 5/8"	36-40# N-80	12100	800	
1 1/2"	5 1/2"	20-23# N-80	15350	540	

We propose to drill and test the Mississippian formation and intermediate zones. Approx. 10' of surface casing will be set in the Rustler formation and circulated to the surface. First intermediate casing will be set approx. 50 feet into the Delaware and cemented to the base of the salt section. Second intermediate casing will be set approx. 50' into the oilcamp. If productive, will run 5 1/2" casing and cement.

DRILLING PROGRAM: Spud mud to 750, Brine & LCM to 4700; Water to 10,000'; and Drispak, gel, Flosal, KCL to TD.

TEST PROGRAM: BOP on 10 3/4" casing and tested, pipe rams tested daily.

IS NOT DEDICATED:

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4/3/82
UNLESS DRILLING UNDERWAY

PLEASE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCE, GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Jerry Sexton Title Regulatory Manager Date 10-12-81

(This space for State Use)

Orig. Signed By

MOVED BY Jerry Sexton TITLE _____ DATE _____

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