

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

JAN 6 1982

O. C. D.
ARTESIA, OFFICE

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5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
LG-249

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work	DRILL ☒	DEEPEN ☐	PLUG BACK ☐
Type of Well	OIL WELL ☐	GAS WELL ☒	OTHER ☐
Single Zone	☐	Multiple Zone	☐
Name of Operator	Yates Petroleum Corporation		
Address of Operator	207 South 4th Street, Artesia, New Mexico 88210		
Location of Well	UNIT LETTER <u>E</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE		
	660' FEET FROM THE <u>West</u> LINE OF SEC. <u>25</u> TWP. <u>4S</u> RGE. <u>24E</u> NEPM		

7. Unit Agreement Name
8. Farm or Lease Name
Collins "SW" State
9. Well No.
1
10. Field and Pool, or Wildcat
X Undesignated Abo
12. County
Chaves

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
Approx. 4250'	Abo	Rotary
21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
Blanket	L&M Drilling Co.	ASAP
Elevation (Show whether DF, RL, etc.)	3995 GL	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24# J-55	Approx. 900'	600 sx	circulated
7 7/8" or 6 1/2"	4 1/2"	10.5#	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) 7" intermediate casing will be run to 1500' and cemented with enough cement calculated to tie back into the surface casing. Temperature survey will be run to determine cement top. If commercial, production casing will be run and cemented with adequate cover, perforate, and stimulate as needed for production.

MUD PROGRAM: FW gel and LCM to 900', Brine to 3200', Brine & KCL water to TD.

BOP PROGRAM: BOP's will be installed at time of spud and tested daily.

GAS NOT DEDICATED.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 7-8-82
UNLESS DRILLING UNDERWAY

BOVE 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.

Alfredo Rodriguez Title Regulatory Manager Date 1/5/82
(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE JAN 8 1982
CONDITIONS OF APPROVAL, IF ANY: