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5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐
5. State Oil & Gas Lease No.
B-10418

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Gallagher State
c. Name of Operator YATES DRILLING COMPANY		9. Well No. 1
d. Address of Operator 207 South 4th Street, Artesia, New Mexico 88210		10. Field and Pool, or Wildcat SE Chaves Queen
e. Location of Well UNIT LETTER D LOCATED 330 FEET FROM THE North LINE AND 330 FEET FROM THE West LINE OF SEC. 35 TWP. 12S RGE. 31E NMPM		12. County Chaves
19. Proposed Depth 2925'		19A. Formation Queen
20. Rotary or C.T. Rotary		21. Approx. Date Work will start ASAP
1. Elevations (show whether DF, RT, etc.) 4435.5 GL	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor L&M

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	350'	250 sx circ.	
7 7/8"	4 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 350' of surface casing will be set and cement circulated to shut off gravel and casing. 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 350', 10# Brine to TD. Mud up w/SW gel to log. LCM if needed.

BOP PROGRAM: BOP's will be installed after setting the 8 5/8" casing and tested daily.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4/29/85
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 PRODUCTION 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 Gilberto R. Rios Title Regulatory Agent Date 10/24/84

(This space for State Use)

Eddie W. Sany

APPROVED BY Oil & Gas TITLE DATE OCT 29 1984

CONDITIONS OF APPROVAL, IF ANY: