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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-85

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
LG-5422

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> C. L. WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> O. H. L. <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
c. Name of Operator Yates Petroleum Corporation		8. Firm or Lease Name Robin "UT" State
d. Address of Operator 207 S. 4th, Artesia, New Mexico 88210		9. Well No. 1
e. Location of Well UNIT LETTER <u>N</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>10</u> TWP. <u>15S</u> RGE. <u>33E</u> NMPN		10. Field and Pool, or <u>Upper</u> Saunders Permo-Penn
		11. County Lea
		12. Proposed Depth 10350'
		13A. Formation Permo-Penn
		13B. Rotary or C.T. Rotary
14. Elevations (Show whether DF, RL, etc.) 4186.5' GL	15A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Ard #6
		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
17 1/2"	13 3/8"	48# J-55	450'	400 sx	circulated
12 1/4"	8 5/8"	32# J-55	4200'	1300 sx	400'
7 7/8"	5 1/2"	17# J-80-L	TD	450 sx	9200'
		17# K-55-L			
		17# K-55-S			
		17# N-80-L			

We propose to drill and test the Permo-Penn and intermediate formations. Approximately 450' of surface casing will be set and cement circulated and approximately 4200' of intermediate casing will be set and cement circulated back to about 400'. Production casing will be set to TD and cemented back to approximately 9200'.

MUD PROGRAM: FW gel/LCM to 450', native mud 4200', Brine/paper to 7500', starch-driskpak to 8000', Brine/starch/driskpak/SW gel to TD.

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

APPROVAL VALID FOR 150 DAYS
PERMIT EXPIRES 2/20/83
UNLESS DRILLING UNDERWAY

IN 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 Deborah L. Hoffbauer Title Regulatory Agent Date 1/19/83

for Stefania Rodriguez
ORIGINAL SIGNED BY
JERRY SEXTON

JAN 20 1983

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL DISTRICT 1 SUPR.

RECEIVED

JAN 20 1983

O.C.B.
HOBBS OFFICE