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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State **R-3909** Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input 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 checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Form or Lease Name Ranger Lake
2. Name of Operator Corinne Grace		9. Well No. 1
3. Address of Operator P. O. Box 1487, Dallas, Texas 75221		10. Field and Pool, or Wildcat Ranger Lake Penn.
4. Location of Well UNIT LETTER N LOCATED 1980 FEET FROM THE West LINE 660 South 11 12 S. 34 E. AND FEET FROM THE LINE OF SEC. TWP. RGE. NMPM		12. County Lea
19. Proposed Depth 10,400		19A. Formation Clisco
20. Rotary or C.T. Rotary		
21. Conditions (Show whether DE, PL, etc.) 4150' ungraded ground		21A. Kind & Status Plug Back Acquired Bond on 7/10
21B. Drilling Contractor Unknown		22. Approx. Date Work will start At once

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	13 3/8"	48#	350'	350	Circulate
11"	8 5/8"	24-32#	4200'	est. 1300	Circulate
7 7/8"	4 1/2"	10.5-11.6#	10,400'	est/ 1650	Tie Into 8 5/8" casing.

Completion program: Perforate pay and acidize with 500 gals acid.

Anticipated formation tops:

Anhydrite 2015
Base of salt 2720
Yates 2815
Abo 7740
Clisco pay 9920
Total depth 10400

APPROVED BY
FOR THE LAND OFFICE
DRILLING DIVISION

EXPIRES 11

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 Buck Buegan Title **Geologist** Date **7-23-66**
(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: