

50-2100-29001

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well DRILL DEEPEN PLUG BACK
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
Tamarack Petroleum Co., Inc.

3. Address of Operator
1485 One First City Center, Midland, TX 79701

4. Location of Well
UNIT LETTER G LOCATED 1650 FEET FROM THE North LINE
AND 2310 FEET FROM THE East LINE OF SEC. 27 TWP. 18S RGE. 35E NMPM

7. Unit Agreement Name
8. Farm or Lease Name
Mobil State
9. Well No.
1
10. Field and Pool, or Wildcat
Reeves (Queen)
12. County
Lea

19. Proposed Depth
4900
19A. Formation
Queen
20. Rotary or C.T.
Rotary

21. Elevations (Show whether DF, RT, etc.)
3888.0 GR
21A. Kind & Status Plug. Bond
Blanket
21B. Drilling Contractor
TMBR Drilling Co.
22. Approx. Date Work will start
December 16, 1985

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11	8 5/8	24	450	200	Surface
7 7/8	4 1/2	10.5	4900	2000	Surface

1. Drill 11" hole to below the base of fresh water.
2. Run 8 5/8" casing and circulate cement to surface.
3. Test casing and Shaffer Type E 11" 3000 PSI Double Hydraulic Preventer to 2000#.
4. Drill 7 7/8" Hole to top of Queen Formation at + 4500'
5. Core Queen if possibly productive based on drilling time and samples.
6. Run open hole logs
7. If productive set 4 1/2" casing to TD and attempt to cement to surface.
8. Test casing to 2000#
9. Perforate and test as indicated by logs and core.

Permit Expires 6 Months From Approval
Date 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 Randy A. McCoy Title Engineering Manager Date 12/2/85

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

DEC 5 - 1985

APPROVED BY DISTRICT I SUPERVISOR TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DEC 4 - 1985

U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION