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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-85

DISTRIBUTION

SANTA FE

FILE

U.S.G.S.

LAND OFFICE

OPERATOR

5A. Indicate Type of Lease

STATE ☒FEE ☐

5. State Oil & Gas Lease No.

LG 3566

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

7. Unit Agreement Name

8. Farm or Lease Name

Maralo 3 State

9. Well No.

1

10. Field and Pool, or Wildcat

Undesignated

12. County

Lea

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

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 M LOCATED 330 FEET FROM THE South LINEAND 330 FEET FROM THE West LINE OF SEC. 3 TWP. 19-S RGE. 36-E NMPM

19. Proposed Depth

4900

19A. Formation

Queen

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DE, RT, etc.)

3764 GR

21A. Kind & Status Plug. Bond

Blanket-in Force

21B. Drilling Contractor

TMBR

22. Approx. Date Work will start

April 20, 1986

23.

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#	400	250	Surface
7 7/8	4 1/2	10.5#	4900	1200	Surface

1. Drill 12 1/4" 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 pay at \pm 4850'.
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.

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. McClary Title Engineering Manager Date 4/10/86

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT SUPERVISOR

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

APR 14 1986

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.