

30-025-29785

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Laura	
2. Name of Operator Tamarack Petroleum Co., Inc.		9. Well No. 1	
3. Address of Operator 500 W. Texas, Suite 1483, Midland, TX 79701		10. Field and Pool, or Wildcat Townsend (Undesignated)	
4. Location of Well UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC. 35 TWP. 15S RGE. 35E NMPM		12. County Lea	
19. Proposed Depth 12,000		19A. Formation Strawn	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3947 GR	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor TMBR-Sharp	22. Approx. Date Work will start 11/10/86

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/4	13 3/8	54.5	400	420	surf
11	8 5/8	24 & 32	4600	1550	surf
7 7/8	5 1/2	17 & 20	12,000	1250	4500

1. Drill 17 1/4 hole to below the base of the fresh water.
2. Run 13 3/8" casing and circulate cement to surface.
3. Test casing and Shaffer Type E 11" 3000 PSI Double Hydraulic Preventer to 2000#.
4. Drill 11" hole to top of the San Andres Formation at  $\pm$  4600'.
5. Run 8 5/8" casing and circulate cement to surface.
6. Test per step 3 above.
7. Drill 7 7/8" hole to base of the Strawn Formation at  $\pm$  12,000'.
8. DST Strawn or other shows and/or drilling breaks.
9. Run open hole logs.
10. If tests and logs indicate productive run 5 1/2" casing and cement to base of 8 5/8" casing.
11. Test casing to 2000#.
12. Perforate and test as indicated by logs and DST's.

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. McClay Title Engineering Manager Date 10/30/86

(This space for State Use)

ORIGINAL SIGNED BY JERRY SUTTON

APPROVED BY DISTRICT SUPERVISOR

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.