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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

FEB 26 1970

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-2516	

## 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	
DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		Shell <del>XXXX</del> "A" <i>1st</i>	
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		9. Well No.	
2. Name of Operator		10. Field and Pool, or Wildcat	
Tamarack Petroleum Company, Inc.		UNDESIGNATED	
3. Address of Operator		11. Field and Pool, or Wildcat	
910 Building of the Southwest, Midland, Texas 79701		12. County	
4. Location of Well		Lea	
UNIT LETTER <u>H</u> LOCATED <u>2310</u> FEET FROM THE <u>North</u> LINE			
AND <u>990</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>9</u> TWP. <u>17 S</u> RGE. <u>33 E</u> NMPM			
19. Proposed Depth		19A. Formation	
4600		Grayburg	
20. Rotary or C.T.		Rotary	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Blanket		March 1, 1970	
21B. Drilling Contractor			
4182 Ground			

## 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	350	250	Circulated
7 7/8	4 1/2	10.5	4600	250	3100

1. Drill 11" hole to 350'.
2. Run 8 5/8" csg. to 350' and cmt. w/250 sx. WOC 18 hrs.
3. Test csg. to 1000#.
4. Drill to TD 4600'. Run EL at TD.
5. Run 4 1/2" csg. and cmt. w/250 sx. WOC 24 hrs.
6. Test csg. to 2000#.
7. Perf. and test as indicated by logs.

8 5/8

5-27-70

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 *Robert J. Hurd* Title Vice President Date 2-25-70

(This space for State Use)

APPROVED BY *[Signature]* TITLE SUPERVISOR DISTRICT 7 DATE 2-25-70

CONDITIONS OF APPROVAL, IF ANY: