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LAND OFFICE	
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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. B-2516
7. Unit Agreement Name ---
8. Farm or Lease Name Shell State
9. Well No. 1
10. Field and Pool or Wildcat UNDESIGNATED
12. County Lea
19. Proposed Depth 4600
19A. Formation Grayburg
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4169.5 Ground
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor WEK
22. Approx. Date Work will start December 15, 1969

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	
1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	
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"/>	
2. Name of Operator Tamarack Petroleum Company, Inc.	
3. Address of Operator 910 Building of the Southwest, Midland, Texas 79701	
4. Location of Well UNIT LETTER E LOCATED 2310 FEET FROM THE North LINE AND 330 FEET FROM THE West LINE OF SEC. 10 TWP. 17S RGE. 33E NMPM	
23. 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' & cmt W/250 sx. cement. WOC 18 hrs.
3. Test csg to 1000#.
4. Drill and core to TD 4600'. Run EL at TD.
5. Run 4 1/2" csg & cmt. W/250 sx. WOC 24 hrs.
6. Test csg. to 2000#.
7. Perf & test as indicated by cores & logs.

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 *W. H. H. H.* Title Vice President Date December 5, 1969

(This space for State Use)

APPROVED BY *Joe J. H. H.* TITLE SUPERVISOR DISTRICT 1 DATE DEC 5 1969

CONDITIONS OF APPROVAL, IF ANY: