

30-025-27415

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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. N/A
7. Unit Agreement Name N/A
8. Farm or Lease Name Hesket
9. Well No. #1
10. Field and Pool, or Wildcat Undesignated
12. County Lea
19. Proposed Depth 7100'
19A. Formation Drinkard
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3581.9 GL
21A. Kind & Status Plug. Bond Blanket (in force)
21B. Drilling Contractor Tom Brown, Inc.
22. Approx. Date Work will start 5/15/81

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
2. Name of Operator Tamarack Petroleum Company, Inc.	
3. Address of Operator P. O. Box 2046, Midland, Texas 79702	
4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC. 4 TWP. 20S RGE. 38E NMPM	
19. Proposed Depth 7100'	19A. Formation Drinkard
20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 3581.9 GL	21A. Kind & Status Plug. Bond Blanket (in force)
21B. Drilling Contractor Tom Brown, Inc.	22. Approx. Date Work will start 5/15/81

## 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#	1600'	900 sks.	Circ. to surface
7 7/8"	4 1/2"	10.5#	7100'	625 sks.	5000'

1. Drill 12 1/4" hole to base of salt section.
2. Run 8 5/8" casing and circulate cement, WOC 18 hrs.
3. Test casing and Shaffer 10" Series 900, Type LWS BOPE to 2000#.
4. Drill 7 7/8" hole to bottom of Drinkard Formation.
5. Log well.
6. Run 4 1/2" casing to 7100' and cement with sufficient cement to cover the Glorietta.
7. Test casing to 2000#.
8. Perforate and complete as indicated by logs.

APPROVED FOR 180 DAYS  
11/14/81  
UNITED DRILLING COMPANY

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 District Engineer Date May 7, 1981

(This space for State Use)

APPROVED BY [Signature] TITLE SUB-DISTRICT ENGINEER DATE MAY 14 1981

CONDITIONS OF APPROVAL, IF ANY:

