

Submit to Appropriate District Office  
 State Lease - 6 copies  
 Fee Lease - 5 copies

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-101  
 Revised 1-1-89

**OIL CONSERVATION DIVISION**  
 P.O. Box 2088  
 Santa Fe, New Mexico 87504-2088

DISTRICT I  
 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
 1000 Rio Brazos Rd., Aztec, NM 87410

*Resubmitted after Cancellation*

API NO. (assigned by OCD on New Wells)  
 30-025-29228

5. Indicate Type of Lease  
 STATE  FEE

6. State Oil & Gas Lease No.  
 NMJ-538

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

1a. Type of Work:  
 DRILL  RE-ENTER  DEEPEN  PLUG BACK   
 b. Type of Well:  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

7. Lease Name or Unit Agreement Name  
 South Leonard Unit Tr. 3

2. Name of Operator  
 Wood, McShane & Thams

8. Well No.  
 18

3. Address of Operator  
 P.O. Box 968, Monahans, Texas 79756

9. Pool name or Wildcat  
 Leonard Queen South

4. Well Location  
 Unit Letter E : 2580 Feet From The North Line and 1214 Feet From The West Line  
 Section 24 Township 26-S Range 37-E NMPM Lea County

10. Proposed Depth 3500'  
 11. Formation Queen Sand  
 12. Rotary or C.T. Rotary

13. Elevations (Show whether DF, RT, GR, etc.)  
2984.3 Ground  
 14. Kind & Status Plug. Bond Current-Blanket  
 15. Drilling Contractor Unknown  
 16. Approx. Date Work will start April 20, 1990

17. 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#	1230'	700	Surface
7 7/8"	5 1/2"	15 1/2#	3500'	600	Surface

Pay zone will be selectively perforated and stimulated as needed for optimum production.

- Well location and acreage dedication plat.
- Blowout preventer sketch.

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.

SIGNATURE R. Cory Richards TITLE Petroelum Geologist DATE 4/11/90

TYPE OR PRINT NAME R. Cory Richards TELEPHONE NO. 915/943-753

(This space for State Use)

**ORIGINAL SIGNED BY JERRY SEXTON**  
**DISTRICT I SUPERVISOR**

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE APR 17 1990

CONDITIONS OF APPROVAL, IF ANY:

*N.S.L. 2048*

RECEIVED  
MAY 17 1990  
OCD  
HOBBS OFFICE