

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

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

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

API NO. (assigned by OCD on New Wells) <u>30-125-3091</u>	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name H. T. MATTERN	
8. Well No. 6	
9. Pool name or Wildcat EUMONT YATES 7 RIVERS (PRO GAS)	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>					
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>					
2. Name of Operator TEXACO INC.			8. Well No. 6		
3. Address of Operator P. O. Box 3109, Midland, Texas 79702			9. Pool name or Wildcat EUMONT YATES 7 RIVERS (PRO GAS)		
4. Well Location Unit Letter <u>N</u> : <u>660</u> Feet From The <u>SOUTH</u> Line and <u>1800</u> Feet From The <u>WEST</u> Line Section <u>20</u> Township <u>19-SOUTH</u> Range <u>37-EAST</u> NMPM <u>LEA</u> County					
10. Proposed Depth 3650'		11. Formation PENROSE		12. Rotary or C.T. ROTARY	
13. Elevations (Show whether DF, RT, GR, etc.) GR-3628'		14. Kind & Status Plug. Bond BLANKET		15. Drilling Contractor	
				16. Approx. Date Work will start 07-05-90	
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	48#	40'	REDI-MIX	SURFACE
12 1/4	8 5/8	24#	1300'	700	SURFACE
7 7/8	5 1/2	15.5#	3650'	750	SURFACE

CEMENTING PROGRAM: CONDUCTOR - REDI-MIX.

8 5/8 in. CASING - 500 SX CLASS H WITH 2% GEL & 2% CaCl<sub>2</sub> (14.8ppg, 1.38f3/s, 6.5gw/s). F/B 200 SX CLASS H WITH 2% CaCl<sub>2</sub> (15.6ppg, 1.19f3/s, 5.2gw/s).

5 1/2 in. CASING - 500 SX 35/65 POZ CLASS H WITH 6% GEL & 5% SALT (12.8ppg, 1.87f3/s, 9.9gw/s). F/B 250 SX CLASS H (15.6ppg, 1.18f3/s, 5.2gw/s).

THERE ARE NO OTHER OPERATORS IN THIS 1/4 1/4 SECTION.

NON-STANDARD GAS PRORATION UNIT - ORDER NO. R-520.

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

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 C. Wade Howard TITLE ENGINEERING ASSISTANT DATE 05-18-90

TYPE OR PRINT NAME C. W. HOWARD

TELEPHONE NO. 915-688-4606

(This space for State Use) ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

MAY 22 1990

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: