

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

API NO. (assigned by OCD on New Wells) <u>30-025-30971</u>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 744880

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"/>				7. Lease Name or Unit Agreement Name STATE -BA-	
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"/>				8. Well No. 13	
2. Name of Operator TEXACO PRODUCING INC.				9. Pool name or Wildcat VACUUM GLORIETA	
3. Address of Operator P. O. Box 3109, Midland, Texas 79702					
4. Well Location Unit Letter <u>C</u> : <u>990</u> Feet From The <u>NORTH</u> Line and <u>1700</u> Feet From The <u>WEST</u> Line Section <u>36</u> Township <u>17-SOUTH</u> Range <u>34-EAST</u> NMPM <u>LEA</u> County					
10. Proposed Depth 6270'		11. Formation GLORIETA		12. Rotary or C.T. ROTARY	
13. Elevations (Show whether DF, RT, GR, etc.) GR-4004'		14. Kind & Status Plug. Bond BLANKET		15. Drilling Contractor BASIN	
16. Approx. Date Work will start 09-15-90					
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15	11 3/4	42#	1550'	1200	SURFACE
11	8 5/8	32#	3000'	850	SURFACE
7 7/8	5 1/2	15.5#	6270'	1150	SURFACE

CEMENTING PROGRAM: CONDUCTOR - 16in, 94# SET @ 40'. CEMENTED WITH REDIMIX.
SURFACE CASING - 1200 SX CLASS H w/ 2% CaCl₂ (15.6ppg, 1.19f3/s, 5.2gw/s).
INTERMEDIATE CASING - 600 SX 35/65 POZ CLASS H w/ 6% GEL & 5% SALT (12.8ppg, 1.87f3/s, 9.9gw/s). F/B 250
SX CLASS H w/ 2% CaCl₂ (15.6ppg, 1.19f3/s, 5.2gw/s).
PRODUCTION CASING - 1st STAGE: 300 SX CLASS H w/ 1/4# FLOCELE (15.6ppg, 1.18f3/s, 5.2gw/s).
DV TOOL @ 5000' - 2nd STAGE: 600 SX 35/65 POZ CLASS H w/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8ppg, 1.87f3/s, 9.9gw/s). F/B 250 SX CLASS H (15.6ppg, 1.18f3/s, 5.2gw/s).

NO OTHER OPERATORS IN THIS QUARTER QUARTER SECTION.

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 08-07-90
TYPE OR PRINT NAME C. W. HOWARD TELEPHONE NO. 915 688-4606

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.