

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>30-025-31700</u>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2706
7. Lease Name or Unit Agreement Name VACUUM GLORIETA WEST UNIT
8. Well No. 39
9. Pool name or Wildcat VACUUM GLORIETA

**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 VACUUM GLORIETA WEST UNIT	
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER WATER INJECTION <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Well No. 39	
2. Name of Operator TEXACO EXPLORATION AND PRODUCTION 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>M</u> : <u>1194</u> Feet From The <u>SOUTH</u> Line and <u>1055</u> Feet From The <u>WEST</u> Line Section <u>25</u> Township <u>17-SOUTH</u> Range <u>34-EAST</u> NMPM LEA County			
10. Proposed Depth 6300'		11. Formation GLORIETA/PADDOCK	
12. Rotary or C.T. ROTARY			
13. Elevations (Show whether DF, RT, GR, etc.) GR-4002'		14. Kind & Status Plug. Bond BLANKET	
15. Drilling Contractor TO BE SELECTED		16. Approx. Date Work will start SEPTEMBER 15, 1992	

**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
11	8 5/8	24#	1550'	500	SURFACE
7 7/8	5 1/2	15.5#	6300'	1300	SURFACE

CEMENTING PROGRAM: CONDUCTOR - REDIMIX.

SURFACE CASING - 300 SX CLASS C w/ 4% GEL & 2% Cacl2 (13.5ppg, 1.74cf/s, 9.1gw/s). F/B 200 SX CLASS C w/ 2% Cacl2 (14.8ppg, 1.34cf/s, 6.3gw/s).

PRODUCTION CASING: - 1st STG: 300 SX CLASS H w/ 1/4# FLOCELE (15.6ppg, 1.18cf/s, 5.2gw/s).

DV TOOL @ 5000' - 2nd STG: 750 SX 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.94cf/s, 10.4gw/s). F/B 250 SX CLASS H w/ 1/4# FLOCELE (15.6ppg, 1.18cf/s, 5.2gw/s).

MARATHON OPERATES A WELL IN THIS QUARTER QUARTER SECTION AND HAS BEEN FURNISHED A COPY OF THIS APPLICATION.

UNORTHODOX LOCATION - EXCEPTION HAS BEEN REQUESTED (COPY ATTACHED).

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. P. Basham /cwh TITLE DRILLING OPERATIONS MANAGER DATE 09-02-92  
TYPE OR PRINT NAME C. P. BASHAM TELEPHONE NO. (915) 688-4620

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

SEP 08 '92

APPROVED BY DISTRICT I SUPERVISOR TITLE  DATE

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.