

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)  
30-025-30967

5. Indicate Type of Lease  
STATE  FEE

6. State Oil & Gas Lease No.  
B-1722-1

**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  
NEW MEXICO -N- STATE

2. Name of Operator  
TEXACO PRODUCING INC.

8. Well No.  
10

3. Address of Operator  
P. O. Box 3109, Midland, Texas 79702

9. Pool name or Wildcat  
VACUUM GLORIETA

4. Well Location  
Unit Letter M : 990 Feet From The SOUTH Line and 895 Feet From The WEST Line  
Section 30 Township 17-SOUTH Range 35-EAST NMPM LEA County

10. Proposed Depth 6270'  
11. Formation GLOFIETA  
12. Rotary or C.T. ROTARY

13. Elevations (Show whether DF, RT, GR, etc.)  
GR-3990'  
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.

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Santa Fe, New Mexico 87504-2088

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

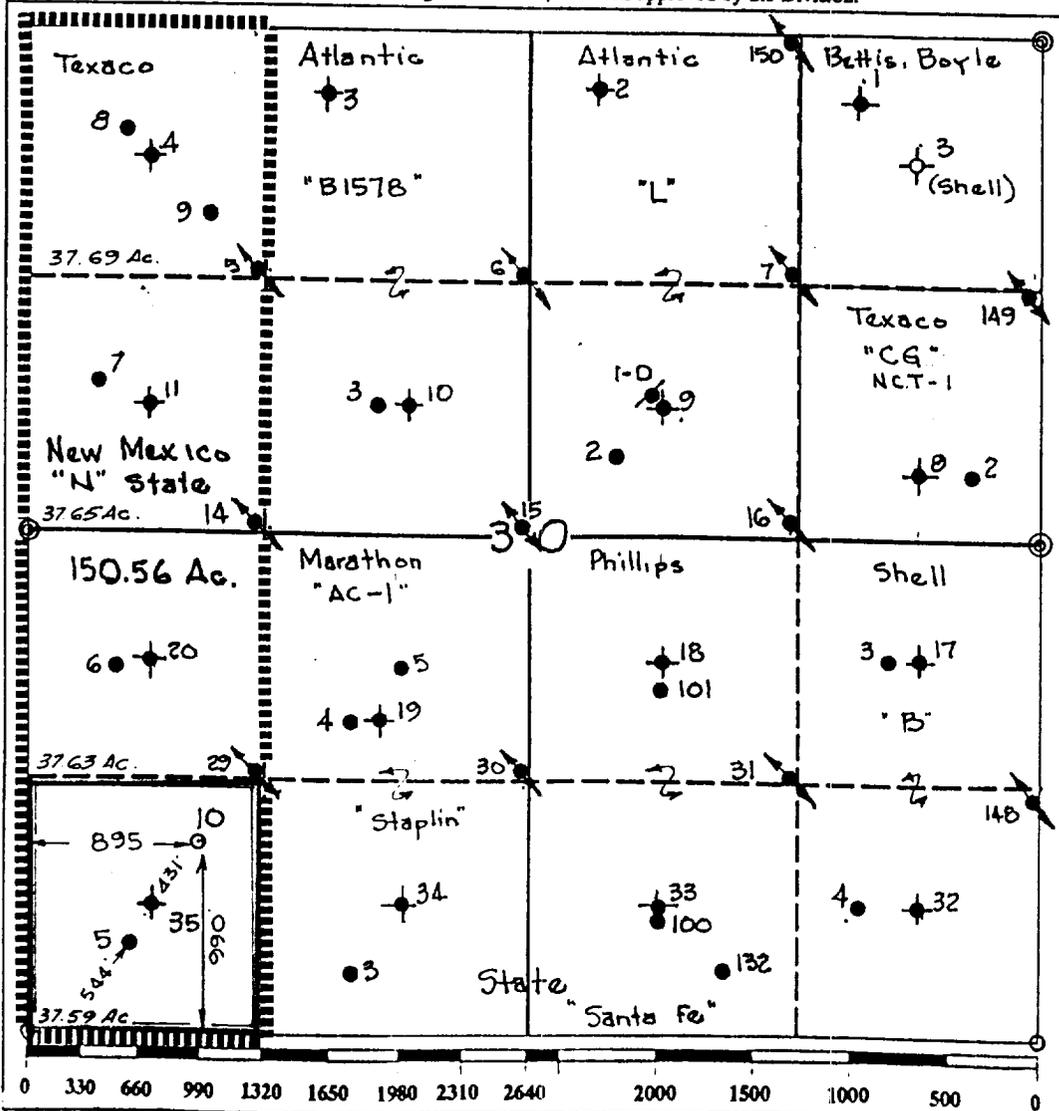
**DISTRICT III**  
 1000 Rio Brazos Rd., Aztec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

|  |   |                             |                                      |                      |  |
|--|---|-----------------------------|--------------------------------------|----------------------|--|
| Operator<br><b>TEXACO PRODUCING INC.</b>   |   |                             | Lease<br><b>NEW MEXICO "N" STATE</b> |                      | Well No.<br><b>10</b>                    |
| Unit Letter<br><b>M</b>  | Section<br><b>30</b>                            | Township<br><b>17-South</b> | Range<br><b>35-East</b>              | County<br><b>Lea</b> |  |
| Actual Footage Location of Well:<br><b>990</b> feet from the <b>South</b> line and <b>895</b> feet from the <b>West</b> line |   |                             |                                      |                      |  |
| Ground level Elev.<br><b>3990</b>  | Producing Formation<br><b>Glorieta; Paddock</b> |                             | Pool<br><b>Vacuum Glorieta</b>       |                      | Dedicated Acreage:<br><b>37.59</b> Acres |

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
  - Yes       No      If answer is "yes" type of consolidation \_\_\_\_\_
 If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  
 No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



**OPERATOR CERTIFICATION**  
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *Royce D. Mariott*  
 Printed Name: **Royce D. Mariott**  
 Position: **Division Surveyor**  
 Company: **Texaco Producing Inc.**  
 Date: **August 7, 1990**

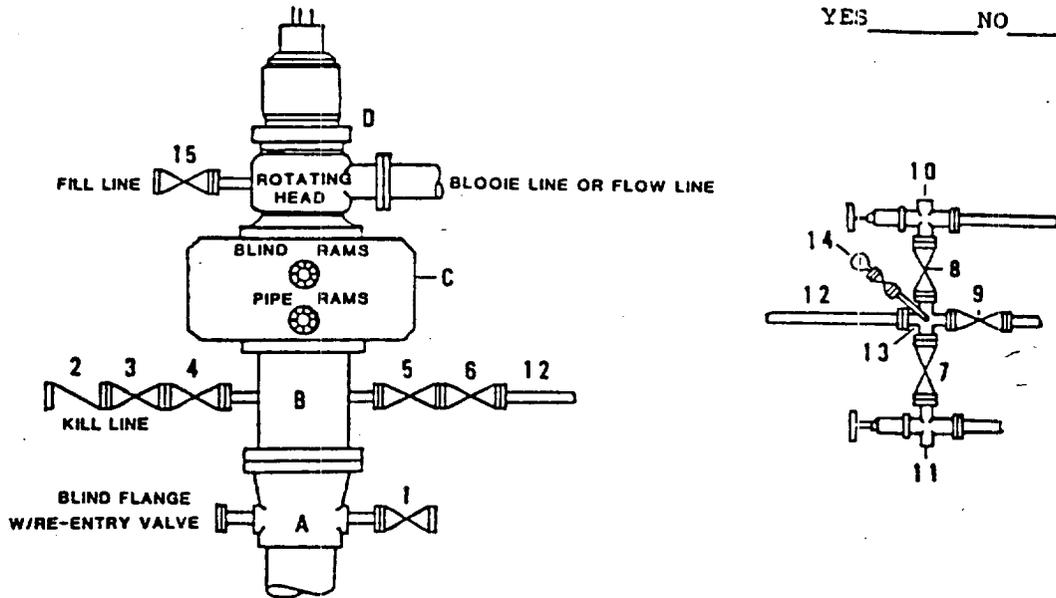
**SURVEYOR CERTIFICATION**  
 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: **August 1, 1990**  
 Signature & Seal of Professional Surveyor: *John S. Piper*  
 Certificate No.: **7254 John S. Piper**

⊕ = Control Vacuum Unit Prod, ⊙ = C. Vacuum Injector, ⊙ = G.L.O. B.C. & Iron Pipe, ⊙ = Monument by others, ⊙ = Staked Location

**DRILLING CONTROL  
CONDITION II-B 3000 WP  
FOR AIR DRILLING OR  
WHERE NITROGEN OR AIR BLOWS ARE EXPECTED**

H<sub>2</sub>S TRIM REQUIRED  
YES \_\_\_\_\_ NO \_\_\_\_\_



DRILLING CONTROL

MATERIAL LIST - CONDITION II - B

- A Texaco Wellhead
- B 3000# W.P. drilling spool with a 2" minimum flanged outlet for kill line and 3" minimum flanged outlet for choke line.
- C 3000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where sub-structure height is adequate, 2 - 3000# W.P. single ram type preventers may be utilized).
- D Rotating Head with fill up outlet and extended Bloolie Line.
- 1,3,4, 7,8, 2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
- 2 2" minimum 3000# W.P. back pressure valve.
- 5,6,9 3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
- 12 3" minimum schedule 80, Grade "B", seamless line pipe.
- 13 2" minimum x 3" minimum 3000# W.P. flanged cross.
- 10,11 2" minimum 3000# W.P. adjustable choke bodies.
- 14 Cameron Mud Gauge or equivalent ( location optional in choke line).
- 15 2" minimum 3000# W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve.



**TEXACO, INC.**  
MIDLAND DIVISION  
MIDLAND, TEXAS



|              |      |          |          |
|--------------|------|----------|----------|
| SCALE        | DATE | EST. NO. | DRG. NO. |
| DRAWN BY:    |      |          |          |
| CHECKED BY:  |      |          |          |
| APPROVED BY: |      |          |          |

**EXHIBIT C**