

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>30025 31872</u>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2317-A
7. Lease Name or Unit Agreement Name VACUUM GLORIETA WEST UNIT
8. Well No. 77
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"/>					
2. Name of Operator TEXACO EXPLORATION AND PRODUCTION INC.				8. Well No. 77	
3. Address of Operator P. O. Box 3109, Midland, Texas 79702				9. Pool name or Wildcat VACUUM GLORIETA	
4. Well Location Unit Letter <u>I</u> : <u>2569</u> Feet From The <u>SOUTH</u> Line and <u>1226</u> Feet From The <u>EAST</u> Line Section <u>35</u> Township <u>17-SOUTH</u> Range <u>34-EAST</u> NMPM <u>LEA</u> County					
10. Proposed Depth 6315'		11. Formation GLORIETA/PADDOCK		12. Rotary or C.T. ROTARY	
13. Elevations (Show whether DF, RT, GR, etc.) GR-4010'		14. Kind & Status Plug. Bond BLANKET		15. Drilling Contractor TMBR/SHARP	
16. Approx. Date Work will start FEBRUARY 15, 1993					
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11	8 5/8	24#	1550'	650	SURFACE
7 7/8	5 1/2	15.5# & 17#	6315'	1700	SURFACE

CEMENTING PROGRAM:  
SURFACE CASING - 450 SX CLASS C w/ 4% GEL & 2% CaCl<sub>2</sub> (13.5ppg, 1.74cf/s, 9.1gw/s). F/B 200 SX CLASS C w/ 2% CaCl<sub>2</sub> (14.8ppg, 1.34cf/s, 6.3gw/s).  
PRODUCTION CASING - 1st STG: 350 SX CLASS H w/ 1/4# FLOCELE (15.6ppg, 1.18cf/s, 5.2gw/s).  
DV TOOL @ 5000' - 2nd STG: 1250 SX 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.94cf/s, 10.4gw/s). F/B 100 SX CLASS H (15.6ppg, 1.18cf/s, 5.2gw/s).

PHILLIPS OPERATES A WELL NEAR THIS LOCATION AND HAS BEEN FURNISHED A COPY OF THIS APD.

UNORTHODOX LOCATION - GRANTED UNDER ORDER No. R-9714. LOCATION WAS MOVED BECAUSE OF PHILLIP'S WELL.  
APPROVAL FOR THE AMENDED LOCATION HAS BEEN APPLIED FOR IN SANTA FE. (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 01-14-93  
TYPE OR PRINT NAME C. P. BASHAM TELEPHONE NO. (915) 688-4620

(This space for State Use)

FEB 05 1993

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

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

# OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

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P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

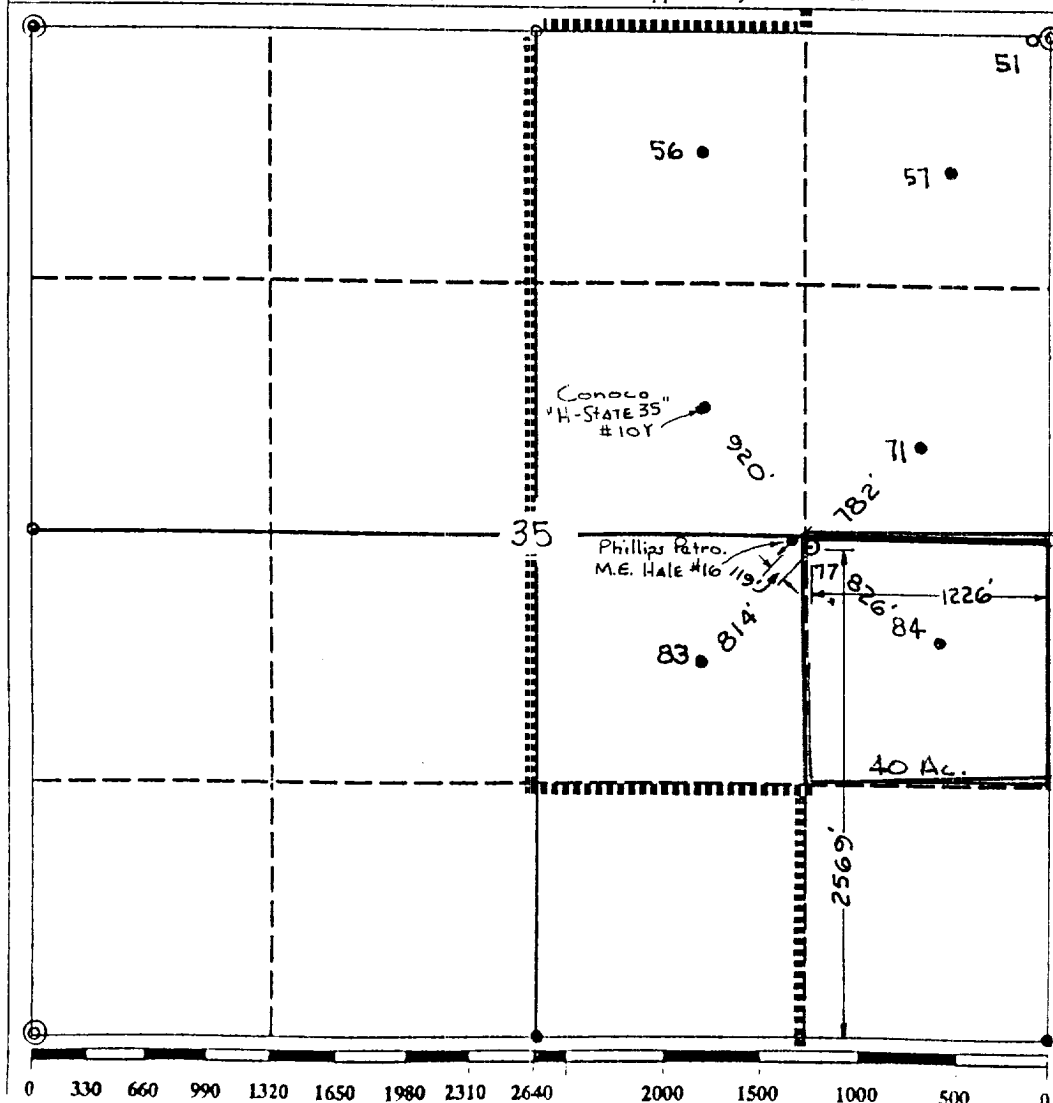
1000 Rio Brazos Rd., Aztec, NM 87410

## WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

TEXACO EXPL. AND PROD. Inc.			LEASE VACUUM GLORIETA WEST UNIT		Well No. 77
Unit Letter I	Section 35	Township 17-South	Range 34-East	County Lea	
Actual Footage Location of Well: 2569 feet from the South line and 1226 feet from the East line					
Ground level Elev. 4010	Producing Formation Glorieta; Paddock	Pool Vacuum Glorieta Pool	Dedicated Acreage: 40 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 Unitization  
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

Printed Name

Royce D. Mariott

Position

Division Surveyor

Company

Texaco Expl. & Prod.

Date

January 7, 1993

### 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

December 17, 1992

Signature & Seal of  
Professional Surveyor

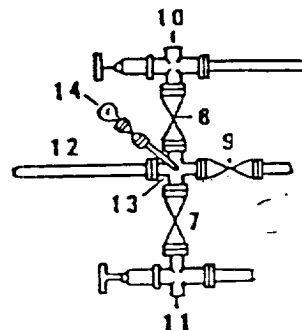
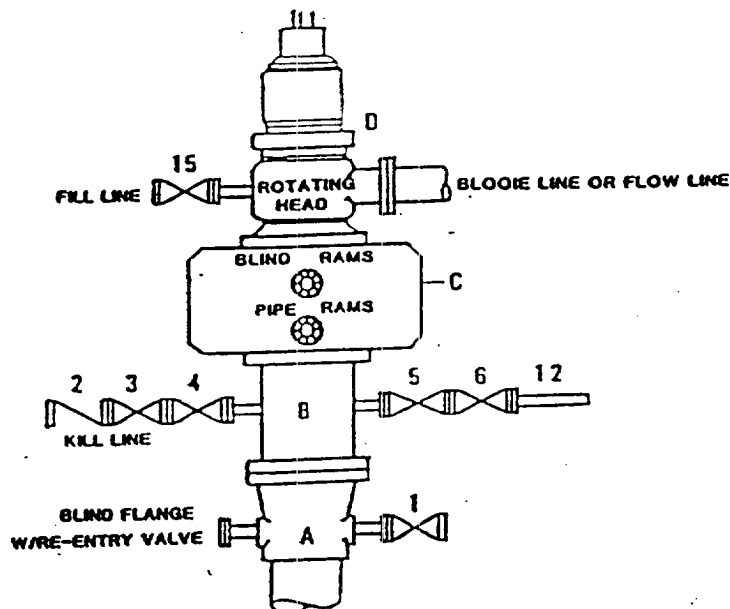
Certificate No.

7254 John S. Piper

Lea Co. FB. 6, Pg. 77

**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 Bloode Line.   |
| 1,3,4,<br>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.  |
| 5,6,7          | 1" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |
| 12             | 1" 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.  
HIGLAND CITY, TEXAS  
HIGLAND, TEXAS



SCALE	DATE	EST. NO.	ORD. NO.
DRAWN BY			
CHECKED BY			

EXHIBIT C



Texaco USA  
Producing Department  
Midland Division

PO Box 3109  
Midland TX 79702-3109

January 13, 1993

GOV - STATE AND LOCAL GOVERNMENTS

Unorthodox Locations

Vacuum Glorieta West Unit

Well Nos. 27, 50, 63, 77, 91, 105,  
106, 108, 121, 122, 123, and 124

Lea County, New Mexico

State of New Mexico

Energy and Minerals Department

Oil Conservation Division

P. O. Box 2088

Santa Fe, New Mexico 87501-2088

Attention: Mr. Michael E. Stogner

Gentlemen:

Texaco Exploration and Production Inc. respectfully submits, for administrative approval, amended drilling locations for the captioned injection wells under Order No. R-9714.

Well Nos. 27, 50, 91, 105, 106, 108, 121, 122, and 123 were moved because of pipelines. Well Nos. 63 and 124 were moved because of electric lines. Well No. 77 was moved to clear Phillip's M. E. Hale Well No. 16.

Attached are Forms C-102 and a "detail" drawing showing the amended locations for each well.

Yours very truly,

*C. P. Basham /cwh*

C. P. Basham  
Drilling Operations Manager

CWH:

cc:NMOCD, P. O. Box 1980, Hobbs, NM 88240

**PIPER SURVEYING COMPANY**

P.O. Box 60432  
MIDLAND, TEXAS 79711  
(915) 550-7810

SHEET NO. 1 OF 1  
CALCULATED BY Dow E Kelly DATE 01/07/93  
CHECKED BY J. Stan Piper DATE 01/07/93  
SCALE 1"=50'

