

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-C25-31833

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B-1520-1

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

VACUUM GLORIETA WEST UNIT

2. Name of Operator

TEXACO EXPLORATION AND PRODUCTION INC.

8. Well No.

4

3. Address of Operator

P. O. Box 3109, Midland, Texas 79702

9. Pool name or Wildcat

VACUUM GLORIETA

4. Well Location

Unit Letter L : 1410 Feet From The SOUTH Line and 1300 Feet From The WEST Line

Section 24

Township 17-SOUTH

Range 34-EAST

NMPM

LEA

County

10. Proposed Depth

6307'

11. Formation

GLORIETA/PADDOCK

12. Rotary or C.T.

ROTARY

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

GR-4011'

14. Kind & Status Plug. Bond

BLANKET

15. Drilling Contractor

TMBR/SHARP

16. Approx. Date Work will start

DECEMBER 30, 1992

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#     | 6307'         | 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).

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

UNORTHODOX LOCATION - GRANTED UNDER ORDER No. R-9714. LOCATION WAS MOVED BECAUSE OF A PIPELINE.  
APPROVAL FOR THE AMENDED LOCATION HAS BEEN FILED 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 12-17-92

TYPE OR PRINT NAME C. P. BASHAM

TELEPHONE NO. (915) 688-4620

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

DISTRICT SUPERVISOR

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NSL Injection R 9714

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
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

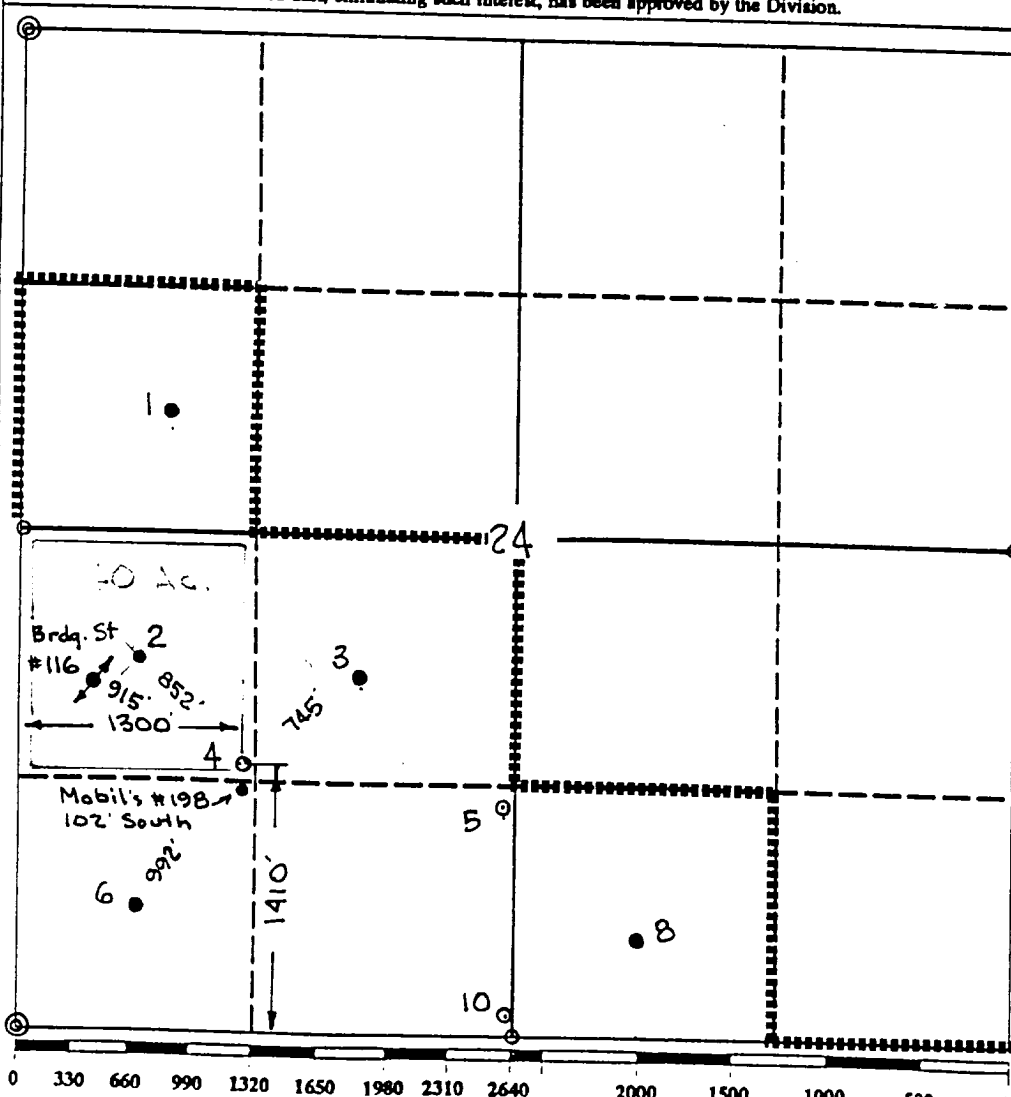
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

|                                                                                                    |                                          |                      |                                    |                                |               |
|----------------------------------------------------------------------------------------------------|------------------------------------------|----------------------|------------------------------------|--------------------------------|---------------|
| Operator<br>TEXACO EXPL. AND PROD. Inc.                                                            |                                          |                      | Lease<br>VACUUM GLORIETA WEST UNIT |                                | Well No.<br>4 |
| Unit Letter<br>L                                                                                   | Section<br>24                            | Township<br>17-South | Range<br>34-East                   | County<br>Lea                  |               |
| Actual Footage Location of Well:<br>1410 feet from the South line and 1300 feet from the West line |                                          |                      |                                    |                                |               |
| Ground level Elev.<br>4011                                                                         | Producing Formation<br>Glorieta; Paddock |                      | Pool<br>Vacuum Glorieta Pool       | Dedicated Acreage:<br>40 Acres |               |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. 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  
*Royce D. Mariott*  
Printed Name  
Royce D. Mariott  
Position  
Division Surveyor  
Company  
Texaco Expl. & Prod.  
Date  
December 11, 1992

SURVEYOR CERTIFICATION

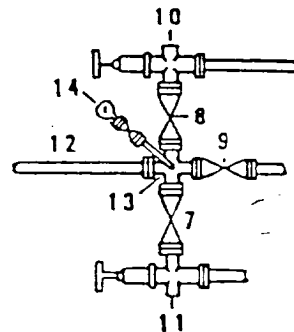
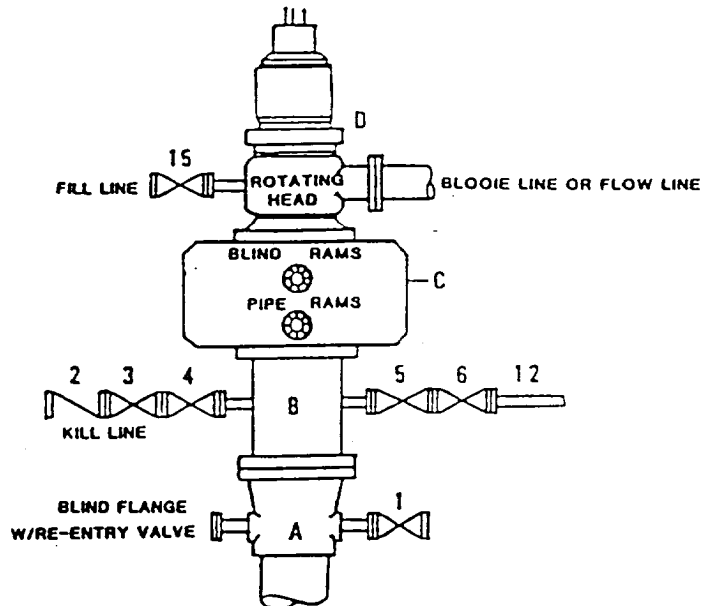
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
November 30, 1992  
Signature & Seal of  
Professional Surveyor

*John S. Piper*  
Certificate No.  
7254 John S. Piper  
Lea Co. FR. 6, Pg. 62

**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 X 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 Blooe 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.                                                                                                                                                          |
| 5,6,12         | 3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.                                                                                                     |
| 10             | 3" minimum schedule 80, Grade "F", 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.  
MILLARD DIVISION  
MILLARD, TEXAS



|            |      |        |        |
|------------|------|--------|--------|
| SCALE      | DATE | EST NO | DRG NO |
| DRAWN BY   |      |        |        |
| CHECKED BY |      |        |        |

EXHIBIT C



Texaco USA  
Producing Department  
Midland Division

PO Box 3109  
Midland TX 79702-3109

December 17, 1992

GOV - STATE AND LOCAL GOVERNMENTS

Unorthodox Locations

Vacuum Glorieta West Unit  
Well Nos. 4, 41, 68, 82, and 92  
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. David R. Catanach

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. 4, 41, and 68 were moved because of pipelines. Well No. 82 was moved because of an electric line. Well No. 92, permitted December 3, 1992, had to be moved because of topography. This move will avoid making a four foot cut to build the location.

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:cwh

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

