

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>30-025-31842</u>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-155-6

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. 81		
3. Address of Operator P. O. Box 3109, Midland, Texas 79702			9. Pool name or Wildcat VACUUM GLORIETA		
4. Well Location Unit Letter <u>J</u> : <u>2521</u> Feet From The <u>SOUTH</u> Line and <u>1503</u> Feet From The <u>EAST</u> Line Section <u>36</u> Township <u>17-SOUTH</u> Range <u>34-EAST</u> NMPM LEA County					
10. Proposed Depth 6304'		11. Formation GLORIETA/PADDOCK		12. Rotary or C.T. ROTARY	
13. Elevations (Show whether DF, RT, GR, etc.) GR-3991'		14. Kind & Status Plug Bond BLANKET		15. Drilling Contractor TMBR/SHARP	
16. Approx. Date Work will start JANUARY 10, 1993					
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4	11 3/4	42#	1550'	840	SURFACE
11	8 5/8	32#	3000'	1000	SURFACE
7 7/8	5 1/2	15.5# & 17#	6304'	1350	SURFACE

CEMENTING PROGRAM:

SURFACE CASING - 560 SX CLASS C w/ 4% GEL & 2% Cacl<sub>2</sub> (13.5ppg, 1.74cf/s, 9.1gw/s). F/B 280 SX CLASS C w/ 2% Cacl<sub>2</sub> (14.8ppg, 1.34cf/s, 6.3gw/s).

INTERMEDIATE CASING - 1st STG: 300 SX 35/65 POZ CLASS H w/ 6% GEL, 5% SLAT, 1/4# FLOCELE (12.8ppg, 1.94cf/s, 10.4gw/s). F/B 200 SACKS CLASS H w/ 2% Cacl<sub>2</sub> (15.6ppg, 1.19cf/s, 5.2gw/s). DV TOOL @ 1580'. 2nd STG: 500 SX CLASS H w/ 2% Cacl<sub>2</sub> (15.6ppg, 1.19cf/s, 5.2gw/s).

PRODUCTION CASING - 1st STG: 350 SX CLASS H (15.6ppg, 1.18cf/s, 5.2gw/s). DV TOOL @ 5000' - 2nd STG: 900 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).

THERE ARE NO OTHER OPERATORS IN THIS QUARTER QUARTER SECTION.

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 12-21-92  
TYPE OR PRINT NAME C. P. BASHAM TELEPHONE NO. (915) 688-4620

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

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

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

JAN 22 1993

RECEIVED

DEC 22 1992

U.S. DEPARTMENT OF JUSTICE

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I  
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DISTRICT II  
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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

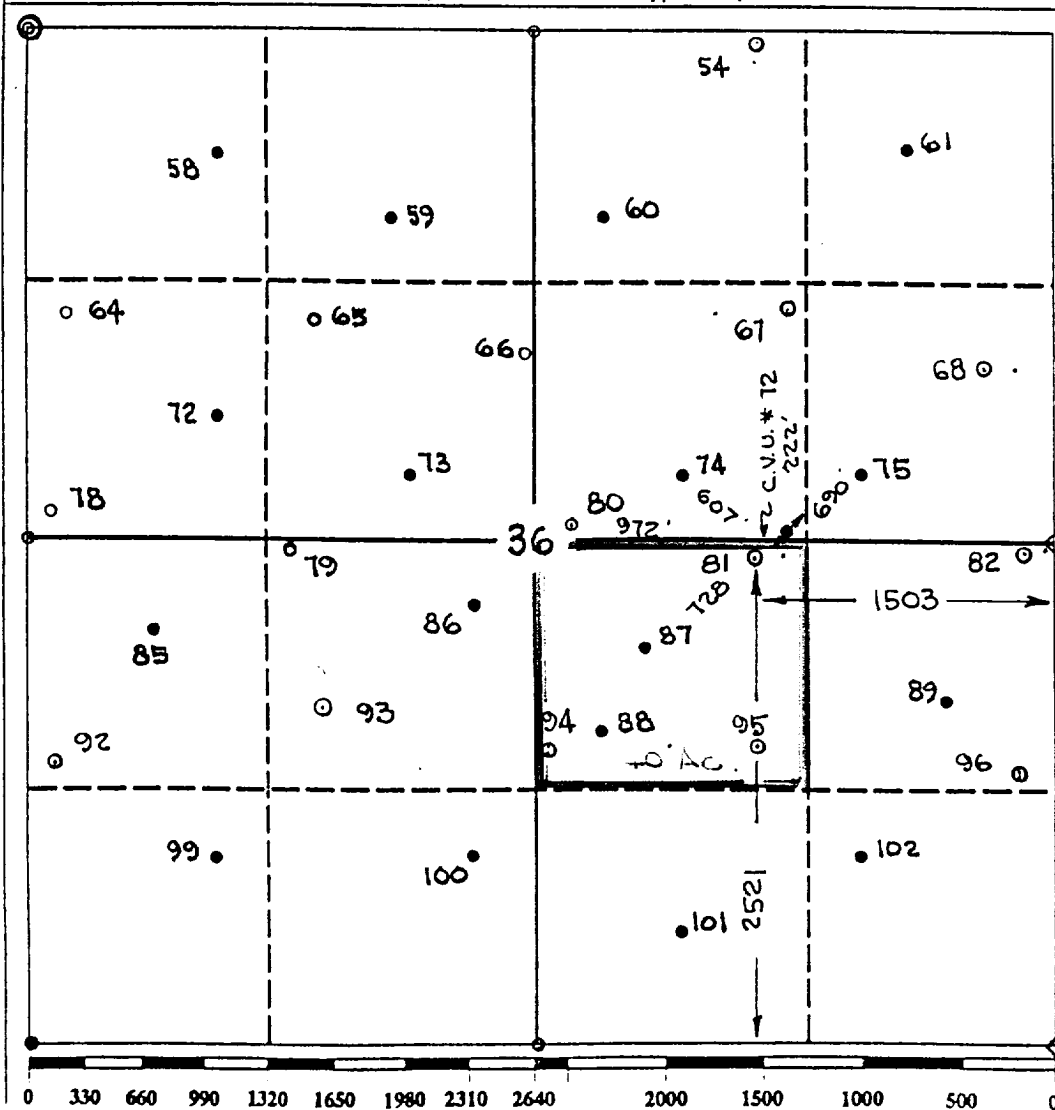
Operator TEXACO EXPL. AND PROD. Inc.			Lease VACUUM GLORIETA WEST UNIT		Well No. 81
Unit Letter J	Section 36	Township 17-South	Range 34-East	County Lea	
Actual Footage Location of Well: 2521 feet from the South line and 1503 feet from the East line					
Ground level Elev. 3991	Producing Formation Glorieta; Paddock		Pool Vacuum Glorieta Pool		Dedicated Acreage: 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 in 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 10, 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  
December 7, 1992

Signature & Seal of  
Professional Surveyor

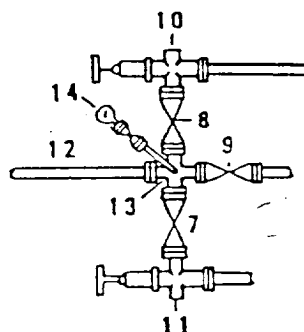
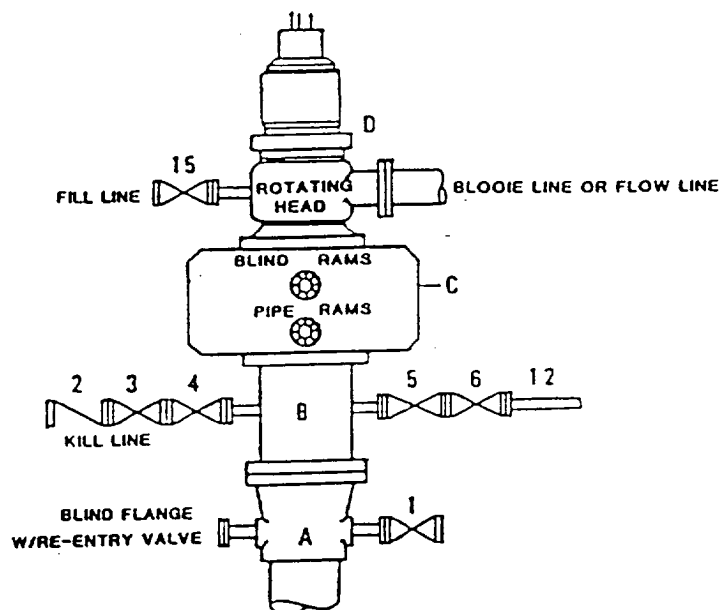
*John S. Piper*

Certificate No.  
7254 John S. Piper

Lea Co. FB. 6, Pg. 71

**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.   |
| 9              | 2" minimum 3000# W.P. back pressure valve.  |
| 10,11          | 2" 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.   |
| 14             | 2" minimum 3000# W.P. adjustable choke bodies.  |
| 15             | Cameron Mud Gauge or equivalent ( location optional in choke line).   |
| 16             | 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



U.S. PROCEEDINGS IN THE DISTRICT COURT OF THE DISTRICT OF COLUMBIA, 1931-1932, 1933-1934, 1935-1936, 1937-1938, 1939-1940

PIPER SURVEYING COMPANY

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

SHEET NO. 1 OF 2  
CALCULATED BY O. Flores DATE 12/14/92  
CHECKED BY J.S. Piper DATE 12/14/92  
SCALE 1"=50 Feet

Pipeline @ 215' North

Pipeline @ 149' North

100' North

Set 1/2" Rod & Bottle w/T post  
@ Surveyed Loc. # 81  
2521 FSL & 1503 FEL Sec. 36

100 West

110' East

Possible Pipeline @ 74' East

Possible Pipeline @ 202' West

Set 1x25th @ Original Loc. # 81  
2466 FSL & 1505 FEL Sec. 36

95' South

Pipeline @ 149' South

0186 South & Lease Road

Fence @ 200' South

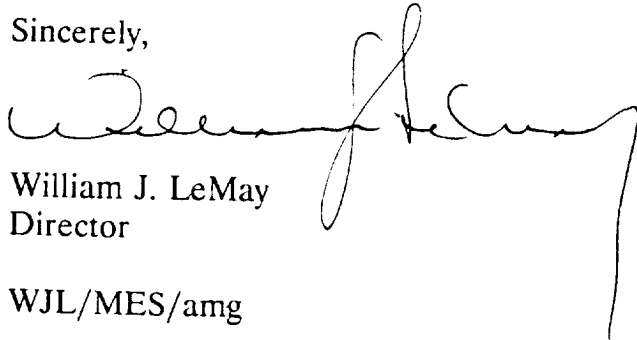
John S. Piper

Texaco Exploration and Production  
Attention: C. P. Basham  
January 15, 1993  
Page 2

<u>Lease Name</u>	<u>Corrected Footage Location</u>	<u>U-L-S-T-R</u>	<u>VGWU Well No.</u>
Swiggart	2520' FSL - 153' FEL	I-25-17S-34E	31
NM "N" State	1114' FSL - 41' FWL	M-30-17S-35E	42
NM "Q" State	51' FNL - 1588' FEL	B-36-17S-34E	54
NM "N" State	146' FSL - 128' FEL	P-25-17S-34E	55
NM "O" State	2521' FSL - 1503' FEL	J-36-17S-34E	81
NM "O" State NCT-1	1534' FSL - 1521' FEL	J-36-17S-34E	95
NM "O" State NCT-1	1427' FSL - 183' FEL	I-36-17S-34E	96

All other provisions of said Order No. R-9714 shall remain in full force and effect until further notice.

Sincerely,

  
William J. LeMay  
Director

WJL/MES/amg

cc: Oil Conservation Division - Hobbs ✓  
File: Case No. 10516  
Oil Conservation Division - Michael E. Stogner  
Oil Conservation Division - David R. Catanach