

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

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

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

API NO. (assigned by OCD on New Wells)
30-025-31131
5. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
B-1733-1

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work:				7. Lease Name or Unit Agreement Name	
DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				NEW MEXICO -L- STATE	
b. Type of Well:					
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>					
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>					
2. Name of Operator				8. Well No.	
TEXACO PRODUCING INC.				11	
3. Address of Operator				9. Pool name or Wildcat	
P. O. Box 3109, Midland, Texas 79702				VACUUM GLORIETA	
4. Well Location					
Unit Letter A : 604 Feet From The NORTH Line and 856 Feet From The EAST Line					
Section 1 Township 18-SOUTH Range 34-EAST NMPM LEA County					
10. Proposed Depth				11. Formation	
6300'				GLORIETA	
12. Rotary or C.T.				ROTARY	
13. Elevations (Show whether DF, RT, GR, etc.)		14. Kind & Status Plug. Bond		15. Drilling Contractor	
GR-3986'		BLANKET		16. Approx. Date Work will start	
				01-28-91	
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'	1150	SURFACE
11	8 5/8	32#	3000'	950	SURFACE
7 7/8	5 1/2	15.5#	6300'	1150	SURFACE

CEMENTING PROGRAM: CONDUCTOR - 16in, 94# SET @ 40'. CEMENTED WITH REDI-MIX.  
SURFACE CASING - 900 SACKS CLASS H w/ 2% CaCl<sub>2</sub> & 2% GEL (14.8ppg, 1.36f3/s, 6.5gw/s). F/B 250 SACKS CLASS H w/ 2% CaCl<sub>2</sub> (15.6ppg, 1.19f3/s, 5.2gw/s).  
INTERMEDIATE CASING - 1st STAGE: 300 SACKS 35/65 POZ CLASS H w/ 6% GEL & 5% SALT (12.8ppg, 1.87f3/s, 9.9gw/s). F/B 250 SACKS CLASS H w/ 2% CaCl<sub>2</sub> (15.6ppg, 1.19f3/s, 5.2gw/s). DV TOOL @ 1580'. 2nd STAGE: 400 SACKS CLASS H w/ 2% CaCl<sub>2</sub> (15.6ppg, 1.19f3/s, 5.2gw/s).  
PRODUCTION CASING: 1st STAGE: 300 SACKS CLASS H w/ 1/4# FLOCELE (15.6ppg, 1.18f3/s, 5.2gw/s). DV TOOL @ 5000'. 2nd STAGE: 600 SACKS 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.87f3/s, 9.9gw/s). F/B 250 SACKS 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. P. Basham/cwt TITLE DRILLING SUPERINTENDENT DATE 01-08-91  
TYPE OR PRINT NAME C. P. BASHAM TELEPHONE NO. 915-688-4620

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JAN 10 1991

CONDITIONS OF APPROVAL, IF ANY:

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

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Santa Fe, New Mexico 87504-2088

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WELL LOCATION AND ACREAGE DEDICATION PLAT

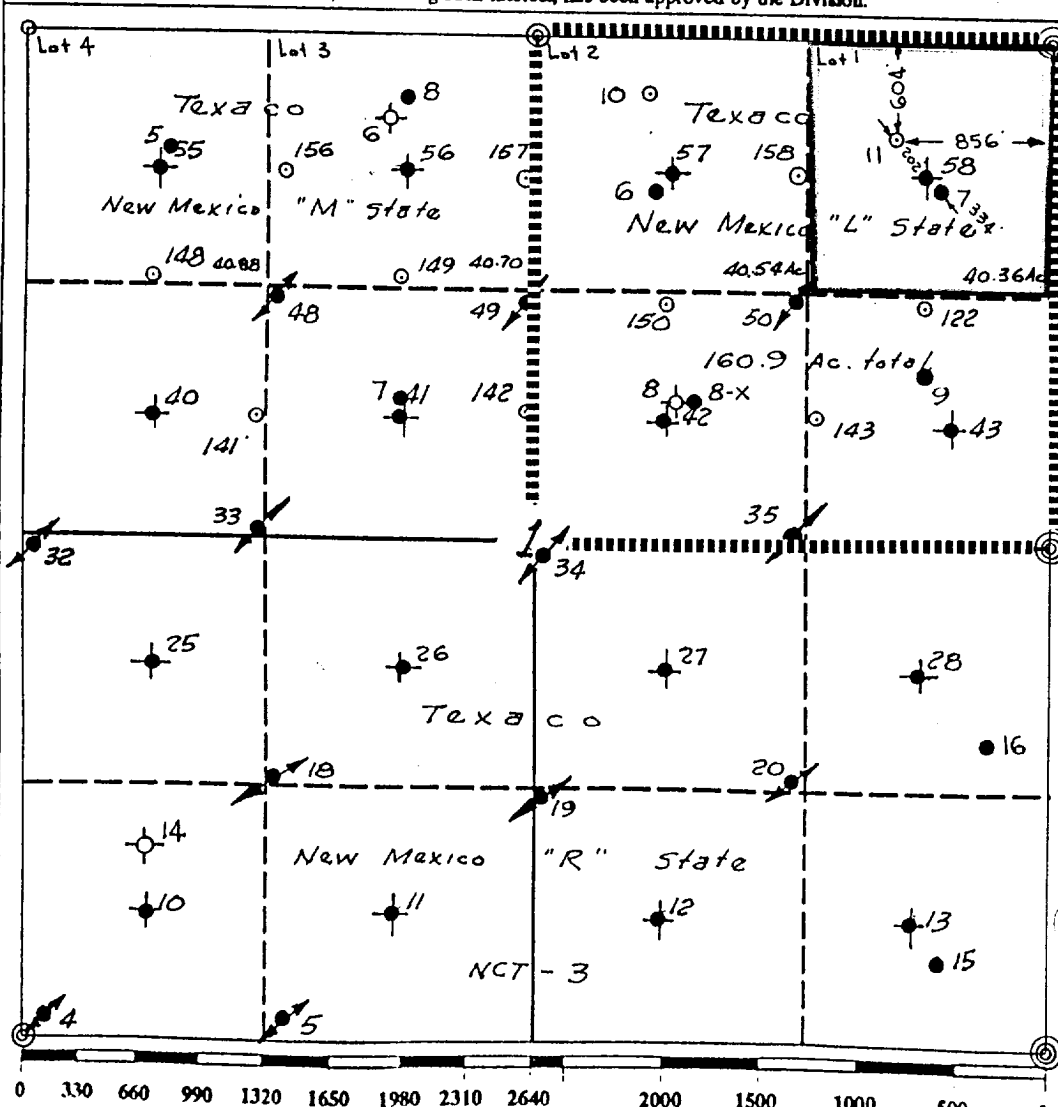
All Distances must be from the outer boundaries of the section

Operator Texaco Producing Inc.			Lease New Mexico "L" State		Well No. 11
Unit Letter A	Section 1	Township 18-South	Range 34-East	County Lea	

Actual Footage Location of Well:

604 feet from the North line and	856 feet from the East line		
Ground level Elev. 3986	Producing Formation Glorieta; Paddock	Pool Vacuum Glorieta	Dedicated Acreage: 40.36 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 \_\_\_\_\_  
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 <i>Royce D. Mariott</i>
Printed Name Royce D. Mariott
Position Division Surveyor
Company Texaco Producing Inc.
Date Jan. 3, 1991

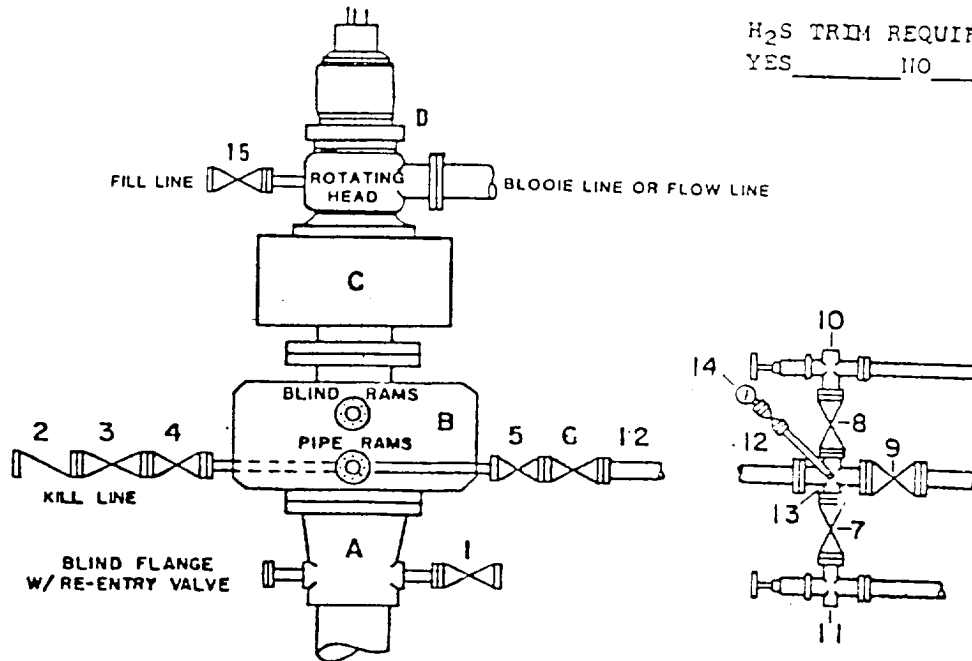
SURVEYOR CERTIFICATION

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 Jan. 2, 1991
Signature & Seal of Professional Surveyor <i>John S. Piper</i>
Certificate No. 7254
John S. Piper

⊙ = Set Stone w/Markings found as set by G.L.O. ⊙ = Iron Pipe w/BG. Found as set by G.L.O. • = Vacuum Grayburg San Andres Unit (Producer) • = Vacuum Grayburg S. or Staked A. Injector Well Location

# **DRILLING CONTROL** **CONDITION III-B 3000 PSI WP**



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

## DRILLING CONTROL

### MATERIAL LIST - CONDITION III - B

- |             |   |
|-------------|---|
| A           | Texaco Wellhead   |
| B           | 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 preventers may be utilized with 3000# W.P. drilling spool with 2" minimum flanged outlet for kill line and 3" minimum flanged outlet for choke line. The drilling spool is to be installed below the single ram type preventers). |
| C           | 3000# W.P. Annular Preventer with 1" steel, 3000# W.P. control lines.   |
| D           | Rotating Head with fill up outlet and extended Blooie 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 E**