

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)
30-025-31874
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 011125		
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. 022351			8. Well No. 106		
3. Address of Operator P. O. Box 3109, Midland, Texas 79702			9. Pool name or Wildcat VACUUM GLORIETA 62160		
4. Well Location Unit Letter 0 : 310 Feet From The SOUTH Line and 2630-2632 Feet From The EAST Line Section 36 Township 17-SOUTH Range 34-EAST NMPM LEA County					
10. Proposed Depth 6280'		11. Formation GLORIETA/PADDOCK		12. Rotary or C.T. ROTARY	
13. Elevations (Show whether DF, RT, GR, etc.) GR-3992'		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
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#	6280'	1350	SURFACE

CEMENTING PROGRAM:

SURFACE CASING - 560 SX CLASS C w/ 4% GEL & 2% CaCl₂ (13.5ppg, 1.74cf/s, 9.1gw/s). F/B 280 SX CLASS C w/ 2% CaCl₂ (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% CaCl₂ (15.6ppg, 1.19cf/s, 5.2gw/s). DV TOOL @ 1580'. 2nd STG: 500 SX CLASS H w/ 2% CaCl₂ (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 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 / CWA 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)

ORIGINAL SIGNED BY JERRY SEXTON

DISTRICT I SUPERVISOR

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

R-9714 amended NSL

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

FEB 05 1993

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
P.O. Box 1980, Hobbs, NM 88240

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

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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. 106
Unit Letter O	Section 36	Township 17-South	Range 34-East	County Lea	
Actual Footage Location of Well: 310 feet from the South line and 2632 feet from the East line					
Ground level Elev. 3992	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

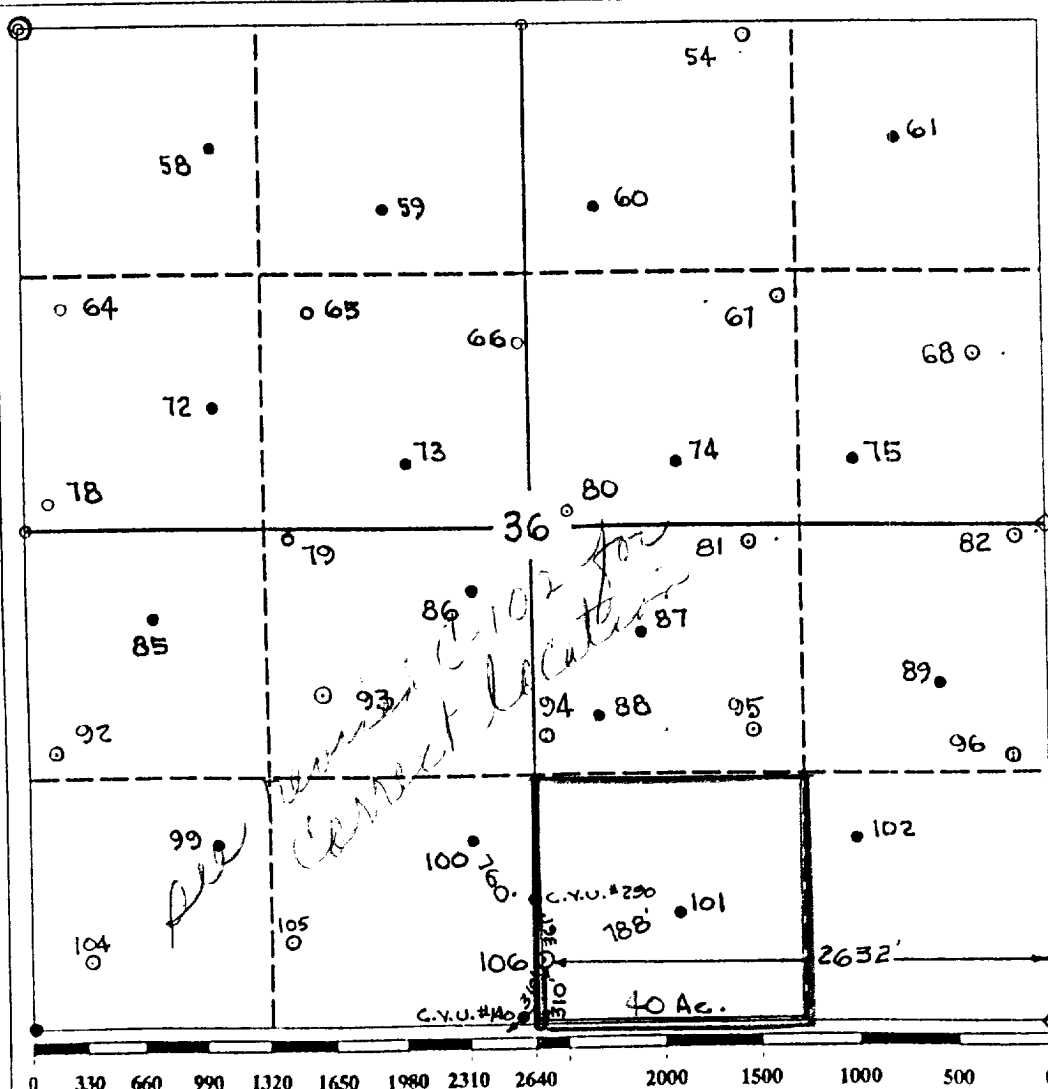
☐ No

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, force-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

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 18, 1992

Signature & Seal of
Professional Surveyor

John S. Piper

Certificate No.

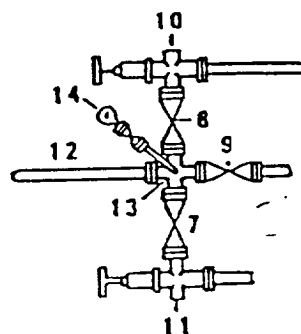
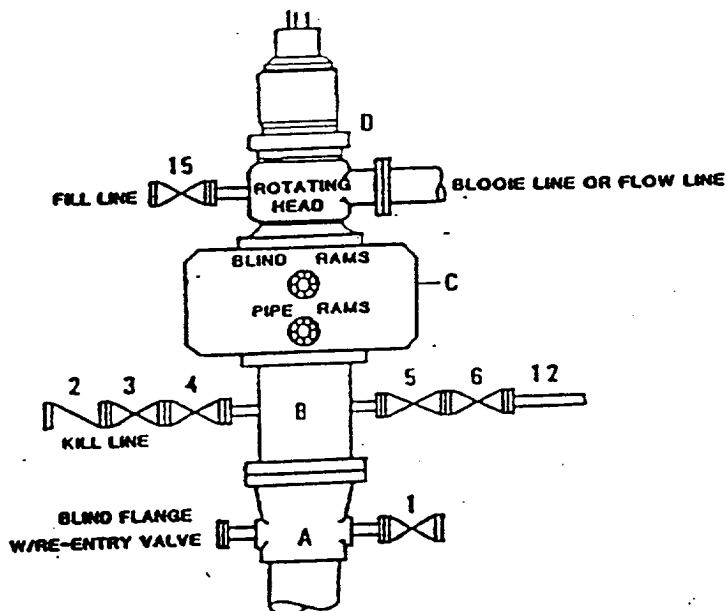
254 John S. Piper

Lea Co. FB. 7, Pg. 48

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

H₂S 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 substructure 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, 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 OFFICE
MIDLAND, 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

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

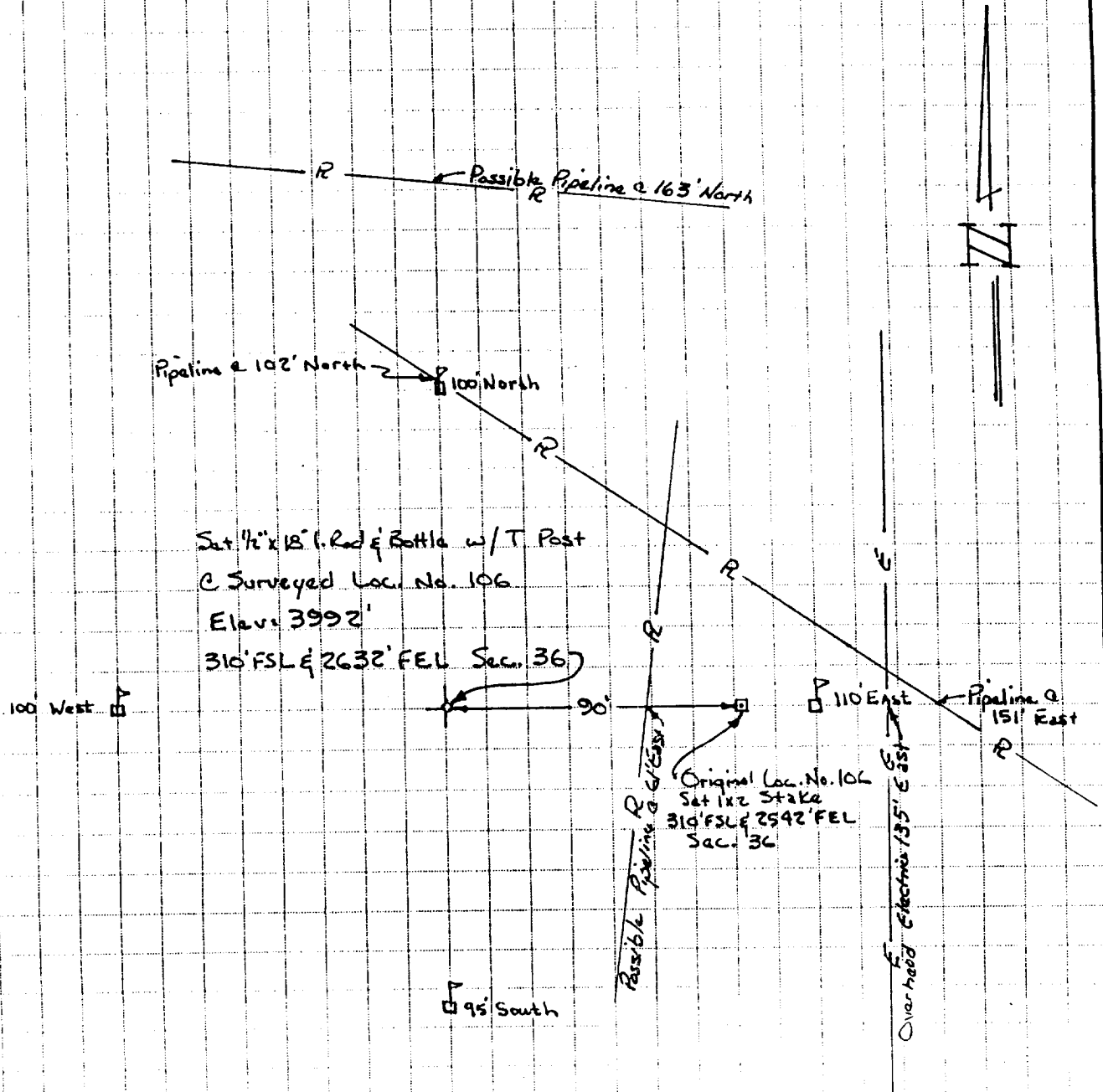
C. P. Basham
Drilling Operations Manager

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'



John S. Piper

ELF
Hock 5-28-93

RECEIVED
JAN 14 1993
FBI - NEW YORK