

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

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

API NO. (assigned by OCD on New Wells)

30-025-31132

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

B-1733-1

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 ☐

2. Name of Operator

TEXACO PRODUCING INC.

8. Well No.

10

3. Address of Operator

P. O. Box 3109, Midland, Texas 79702

9. Pool name or Wildcat

VACUUM GLORIETA

4. Well Location

Unit Letter B : 280 Feet From The NORTH Line and 2080 Feet From The EAST Line

Section 1 Township 18-SOUTH Range 34-EAST NMPM LEA County

10. Proposed Depth

6300'

11. Formation

GLORIETA

12. Rotary or C.T.

ROTARY

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

GR-3993'

14. Kind & Status Plug. Bond

BLANKET

15. Drilling Contractor

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% Cacl2 & 2% GEL (14.8ppg, 1.36f3/s, 6.5gw/s). F/B 250 SACKS CLASS H w/ 2% Cacl2 (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% Cacl2 (15.6ppg, 1.19f3/s, 5.2gw/s). DV TOOL @ 1580'. 2nd STAGE: 400 SACKS CLASS H w/ 2% Cacl2 (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.

REQUEST FOR A NON STANDARD LOCATION HAS BEEN APPLIED FOR.

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 SUPERINTENDENT DATE 01-09-91

TYPE OR PRINT NAME C. P. BASHAM

TELEPHONE NO. 915-688-4620

(This space for State Use)

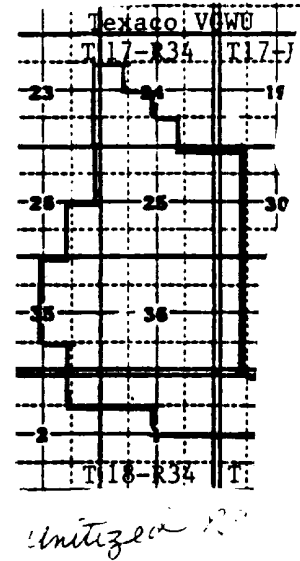
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

OR-9714 TEXACO E & P INC. Auth to institute a waterflood project (Enhanced Oil Recovery Project) in the Vacuum-Glorieta Pool, by inj into the Glorieta & Paddock formations at approx 5950-6230 feet. PROJECT PRESS LIMIT @1200 psi

1-E	24-17-34	77-H	35-17-34
4-M ^L	24-17-34	78-E	36-17-34
5-N	24-17-34	79-K	36-17-34
9-C	25-17-34	80-G	36-17-34
10-O	24-17-34	81-J	36-17-34
11-B	25-17-34	82-I	36-17-34
17-F	25-17-34	91-I	35-17-34
18-F	25-17-34	92-L	36-17-34
19-G	25-17-34	93-K	36-17-34
20-H	25-17-34	94-J	36-17-34
21-E	30-17-35	95-J	36-17-34
27-I	26-17-34	96-I	36-17-34
28-L	25-17-34	97-L	31-17-35
29-K	25-17-34	104-M	36-17-34
30-J	25-17-34	105-N	36-17-34
31-I	25-17-34	106-O	36-17-34
38-M	25-17-34	107-O	36-17-34
39-M	25-17-34	108-P	36-17-34
40-K	25-17-34	109-C	6-18-35
41-J	25-17-34	110-A	6-18-35
42-M	30-17-35	120-B	1-18-34
43-L	30-17-35	121-A	1-18-34
50-A	35-17-34	122-D	6-18-35
51-A	35-17-34	123-C	6-18-35
52-N	25-17-34	124-B	6-18-35
53-N	25-17-34		
54-M ³⁶	25-17-34		
55-M ^{25 30 34}	25-17-35		
63-A	35-17-34		
64-E	36-17-34		
65-F	36-17-34		
66-F	36-17-34		
67-G	36-17-34		
68-H	36-17-34		
69-E	31-17-35		



A lease line agreement to be signed prior to injection into #21, 43, 69, 97, 109 & 110

10/21/92 AMENDED to correct locations on #38, 40, 51, 52, 53, 65, 79, & 80 (footages only)

1/15/93 AMENDED TO CORRECT- #31, 42, 54, 55, 81, 95, 98 locations

1/8/93 amended to correct location on #4, 41, 68, 82, 92

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

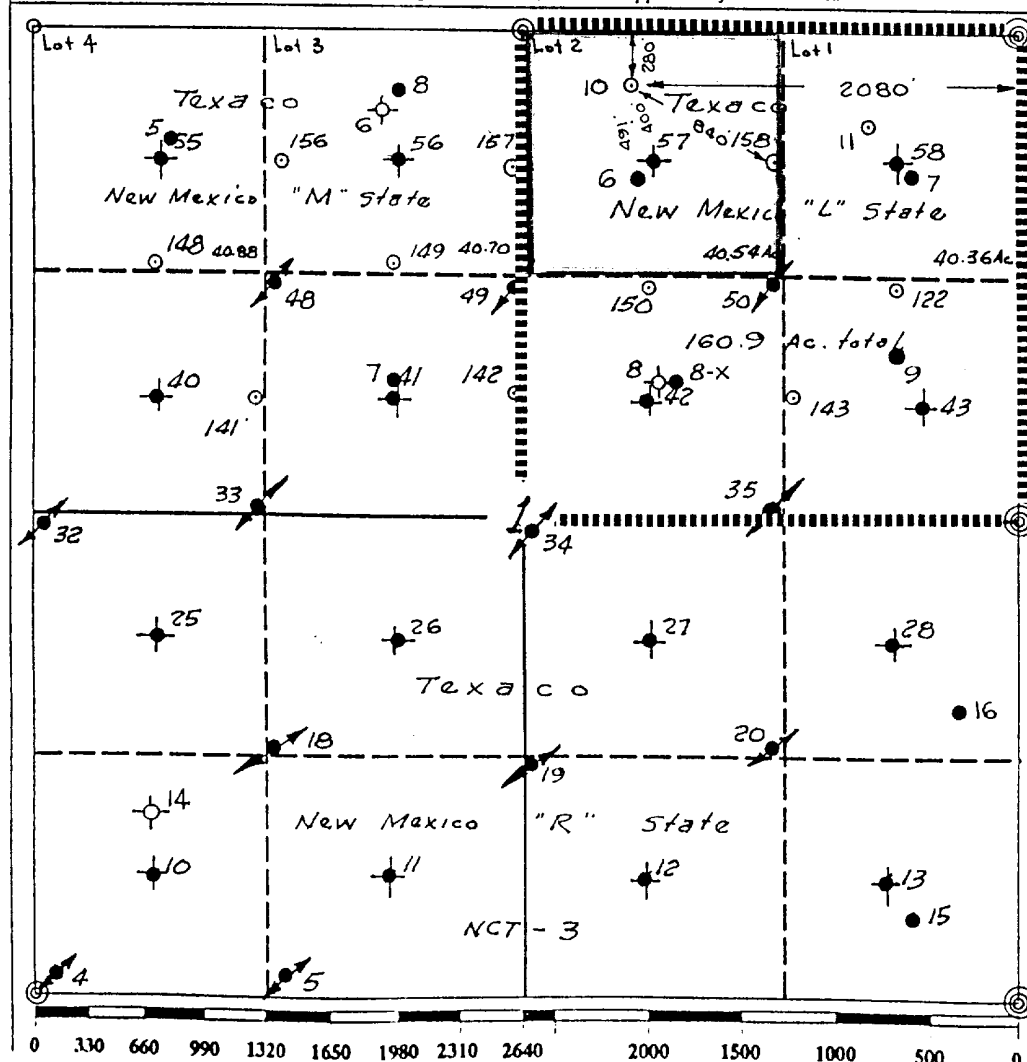
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Texaco Producing Inc.			Lease New Mexico "L" State		Well No. 10
Unit Letter B	Section 1	Township 18-South	Range 34-East	County Lea	
Actual Footage Location of Well: 280 feet from the North line and 2080 feet from the East line					
Ground level Elev. 3993		Producing Formation Glorieta; Paddock		Pool Vacuum Glorieta	
				Dedicated Acreage: 40.54 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
Royce D. Mariott
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
John S. Piper
Certificate No.
7254
John S. Piper

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



Texaco USA
Producing Department
Midland Division

PO Box 3109
Midland TX 79702-3109

January 08, 1991

GOV - STATE AND LOCAL GOVERNMENTS
NON-STANDARD DRILLING LOCATION
New Mexico "L" State Well No. 10
Vacuum Glorieta Field
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:

An Exception, by administrative approval, to Rule 104, C. I. is requested for Texaco Producing Inc.'s New Mexico "L" State Well No. 10. This well is located 280' FNL & 2080' FEL, Unit Letter "B", of Section 1, T-18-S, R-34-E.

This well could not be staked in a regular location because of a "paved road". The location was moved 50' North to avoid this road.

The only "affected" offset operator is Texaco Producing Inc. and we grant ourselves a waiver to the Non-Standard location. Attached is a copy of the Form C-102 and a lease plat showing the location of the subject well.

Any questions concerning this request should be directed to Mr. C. W. Howard at (915) 688-4606.

Yours very truly,

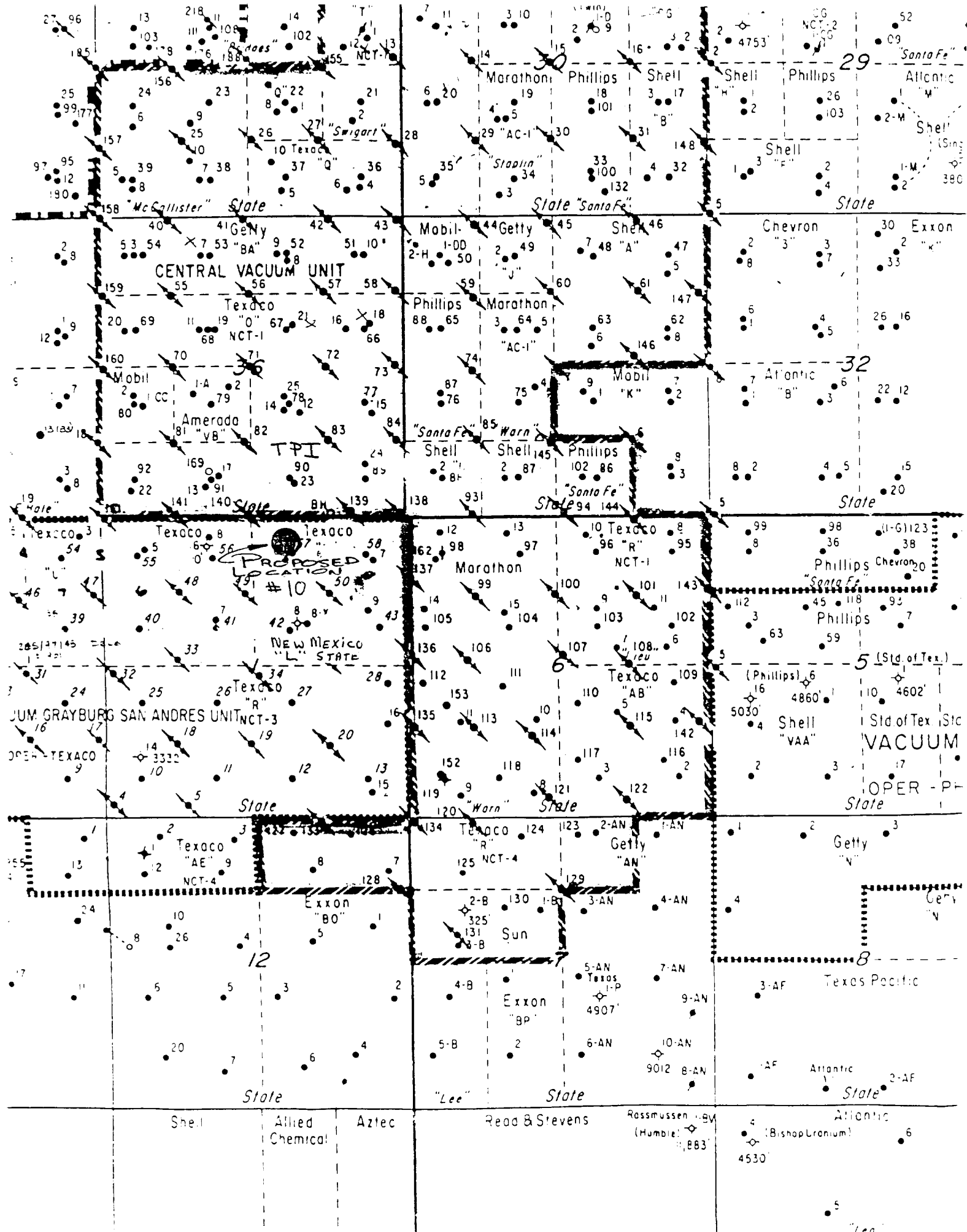
C.P. Basham / cwh

C. P. Basham
Drilling Superintendent
on Behalf of Texaco Producing Inc.

CWH:cwh

Attachment

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



Heck 5/9/91

ELF

Page 1

END