

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TR CATE*
(Other instructions on reverse side)

30-025-30781
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 14332
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Texaco Producing Inc.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 3109, Midland, TX 79702		8. FARM OR LEASE NAME Bilbrey "33" Fed.
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FNL, 1980' FWL, Unit Letter C At proposed prod. zone Same		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 30.4 Miles West of Eunice, NM		10. FIELD AND POOL, OR WILDCAT Bilbrey Morrow & Atoka
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T-21-S, R-32-E
16. NO. OF ACRES IN LEASE 799.27		12. COUNTY OR PARISH 13. STATE Lea NM
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1st Well		17. NO. OF ACRES ASSIGNED TO THIS WELL 320
19. PROPOSED DEPTH 14,900'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR-3708		22. APPROX. DATE WORK WILL START* 1-20-90

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	20"	94# H-40	40'	} ATTACHED
17 1/2"	13-3/8"	54.5# K-55	1150'	
12 1/4"	9-5/8"	40# K-55, L-80 SS-95	1700'	
8-3/4"	7"	26#&29# P-110	12,000'	
6-1/8"	5"	18# S-95	14,900'	

Cementing Program Attached.

No other Operators in this 1/2 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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED C. Wade Howard TITLE Engineer's Assistant DATE 12/22/89
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE _____ DATE 1-17-90
CONDITIONS OF APPROVAL, IF ANY _____

*See Instructions On Reverse Side

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

ITEM 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

ITEM 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR Part 3160.

PRINCIPAL PURPOSE: The information is to be used to process and evaluate your application for permit to drill, deepen, or plug back an oil or gas well.

ROUTINE USES: (1) The analysis of the applicant's proposal to discover and extract the Federal or Indian resources encountered. (2) The review of procedures and equipment and the projected impact on the land involved. (3) The evaluation of the effects of proposed operation on surface and subsurface water and other environmental impacts. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions, as well as routine regulatory responsibility.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases.

This information will be used to analyze and approve applications.

Response to this request is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.

Texaco Producing Inc.
Bilbrey "33" Fed. No. 1

CEMENTING PROGRAM

20" Casing: Redimix.

13-3/8" Casing: Circulate to surface using 1300 SX Class "H" with 2% CaCl_2 and 1/4# Flocele (15.6 ppg, 1.19 cu ft/sx, 5.2 gals wtr/sx).

9-5/8" Casing: Circulate to surface using 1500SX 35/65 Pozmix Class "H" with 6% gel, 5% salt, 1/4# Flocele (12.8 ppg, 1.87 cu ft/sx, 9.9 gals wtr/sx) followed by: 250 sx Class "H" (15.6 ppg, 1.18 cu ft/sx, 5.2 gals wtr/sx).

7" Casing: Circulate to surface using: 1st stage - 200 SX 35/65 Pozmix Class "H" with 6% gel, 5% salt, 1/4# Flocele and 0.3% HR-4 (12.8 ppg, 1.87 cu ft/sx, 9.9 gals wtr/sx) followed by 200 sx Class "H" with 0.2% HR-7 (15.6 ppg, 1.18 cu ft/sx, 5.2 gals wtr/sx).

DV Tool @ 9000': 2nd Stage - 1000 sx 35/65 Pozmix Class "H" with 6% gel, 5% salt, 1/4# Flocele (12.8 ppg, 1.87 cu ft/sx, 9.9 gals wtr/sx).

5" Liner: 200 sx Class "H" with 5% salt, 0.3% Halad 22-A, 0.1% HR-7 (15.6 ppg, 1.20 cu ft/sx, 5.2 gals wtr/sx).

Sqz Top @ 11700': 300 sx Class "H" with 5% salt, 0.3% Halad 22-A,
0.1% HR-7 (15.6 ppg, 1.20 cu ft/sx, 5.2 gals wtr/sx).

ANTICIPATED WATER, OIL, GAS, AND MINERAL
BEARING FORMATIONS

Well: Bilbrey "33" Fed. Well No. 1

Location: 660' FNL, 1980' FWL, Sec. 33, T-21-S, R-32-E

County: Lea

State: New Mexico

Elevation: 3708' GR

Proposed TD: 14,900'

Formation 'Tops

<u>Depth</u>	<u>Formation</u>	<u>Oil</u>	<u>Gas</u>	<u>Water</u>	<u>Mineral</u>
950'	Rustler				
3000'	Rustler Castile				
4658'	Lamar				
8648'	Bone Spring				
11773'	Wolfcamp				
13133'	Strawn				
13283'	Atoka		X		
14258'	Morrow		X		

One drill stem test of the Atoka is planned. No cores will be taken.

A water flow with H₂S may be encountered in the Rustler Salt estimated to occur at 3000'. H₂S monitoring equipment will be installed prior to drilling out from underneath surface casing. GR-CAL-CNL-FDC, GR-CAL-DLL-MSFL and GR-CAL-Sonic surveys will be run.

Mud Program

<u>Depth</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>
0'-1150'	Fresh Water	8.4	29
1150'-4700'	Brine Water	10.0	29
4700'-12000'	Cut Brine	9-9.5	29
12000'-14900'	Lime-Morex	9-12.0	33-36

Blowout preventer will be installed after surface casing is set. BOP will be tested each time it is installed on a casing string and operated at least once each 24-hour period during drilling.

RECEIVED

JAN 18 1990

OCD
MCIBBS OFFICE

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

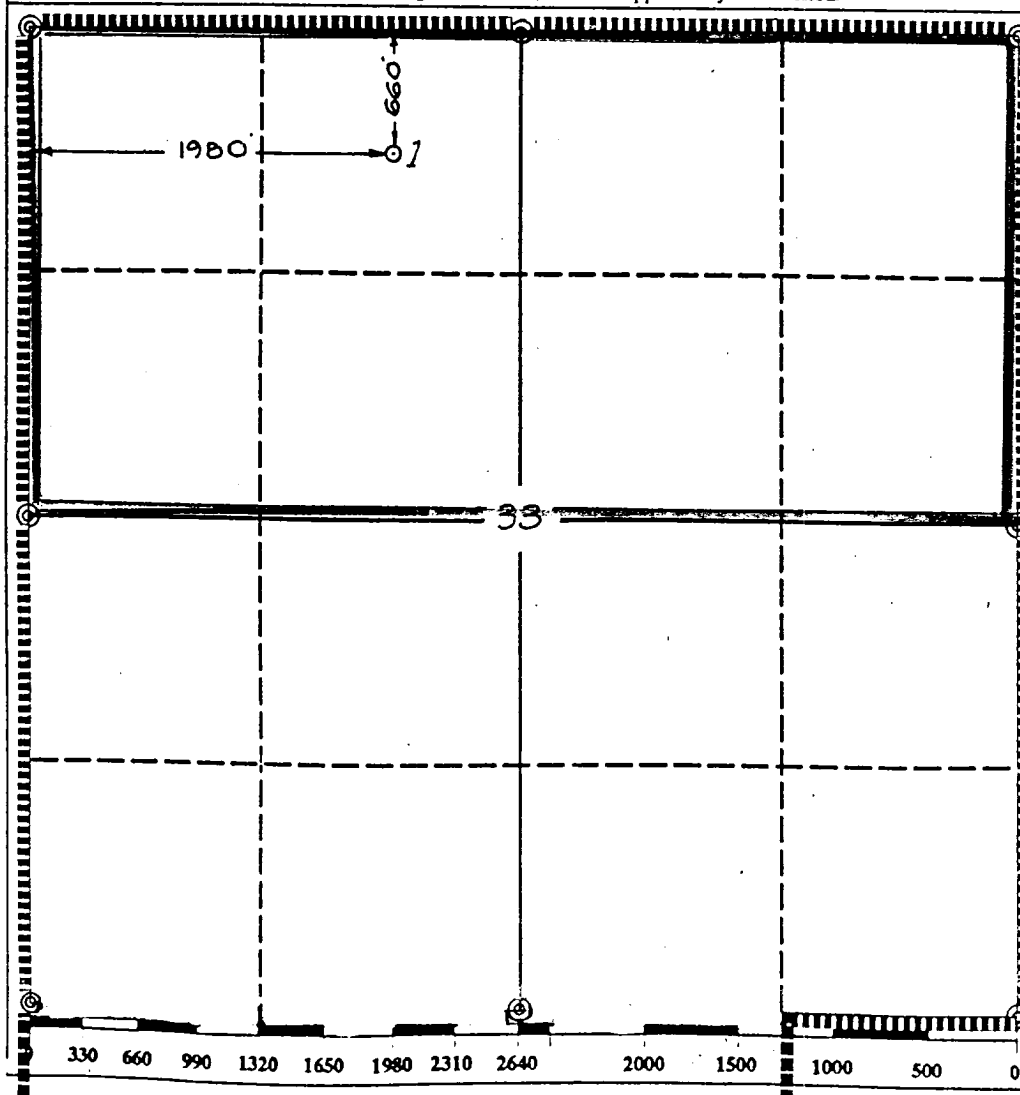
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator TEXACO PRODUCING INC.			Lease BILBREY "33" FED.		Well No. 1
Unit Letter C	Section 33	Township 21-South	Range 32-East	County Lea	
Actual Footage Location of Well: 660 feet from the North line and 1980 feet from the West line					
Ground level Elev. 3708	Producing Formation ATOKA and MORROW		Pool BILBREY	Dedicated Acreage: 320 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.

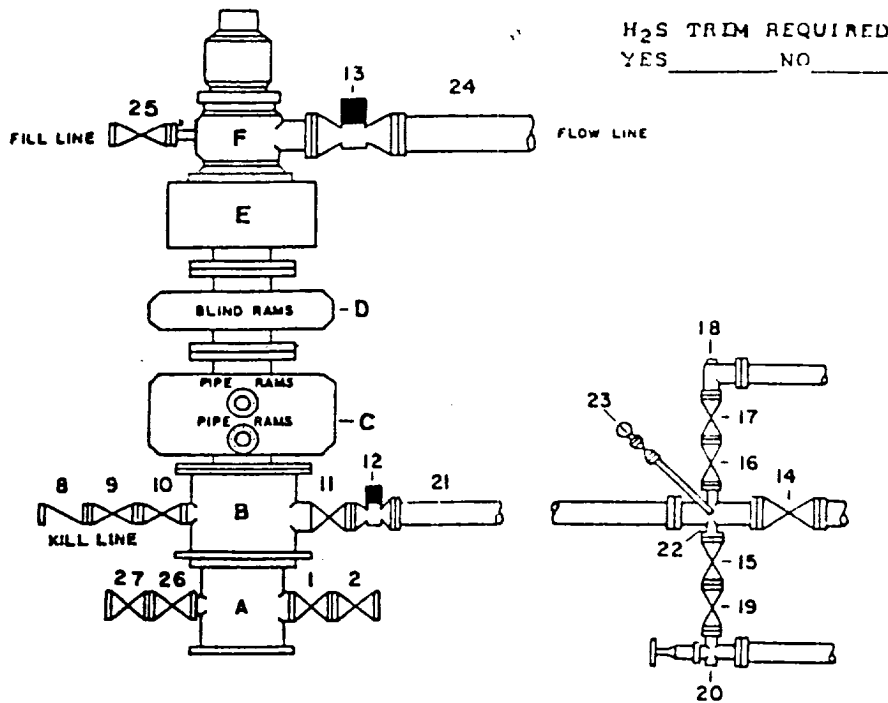
Signature
Royce D. Mariott
Printed Name
Royce D. Mariott
Position
Division Surveyor
Company
Texaco Producing Inc.
Date
Nov. 7, 1989

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
October 26, 1989
Signature & Seal of
Professional Surveyor
John S. Piper
Certificate No.
7254
John S. Piper

DRILLING CONTROL **CONDITION V-B - 10,000 PSI WP**



DRILLING CONTROL MATERIAL LIST - CONDITION V-B

- | | |
|----------------------------|---|
| A | Texaco Wellhead |
| B | 10,000# W.P. Drilling Spool with a minimum 2" flanged outlet for kill line and 4" minimum flanged outlet for choke line |
| C | 10,000# W.P. Dual Variable Ram Type preventer, hydraulic operated with 1" steel, 5000# W.P. control line |
| D | 10,000# W.P. Single Ram Type preventer, hydraulic operated with 1" steel, 5000# W.P. control lines |
| E | 10,000# W.P. Annular preventer, hydraulic operated with 1" steel, 5000# W.P. control lines |
| F | <u>When required</u> - Rotating Head with fill up outlet and extended Bore line |
| 1,2,9,10,15,16,17,19,26,27 | 2" minimum 10,000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve |
| 8 | 2" minimum 10,000# W.P. back pressure valve |
| 11,14 | 4" minimum 10,000# W.P. flanged full opening steel gate valve |
| 12 | 4" minimum 10,000# W.P. flanged full opening hydraulic valve |
| 13 | <u>When required</u> - 10" minimum 1000# W.P. flanged full opening hydraulic valve |
| 21 | 4" minimum 10,000# W.P. 4130 mechanical tubing with flanged ends, or equivalent |
| 22 | 2" minimum X 4" minimum 10,000# W.P. flanged cross |
| 18 | 2" minimum 10,000# W.P. automatic choke |
| 20 | 2" minimum 10,000# W.P. adjustable choke equipped with carbide trim |
| 23 | Cameron Mud Gauge or equivalent (location in choke line optional) |
| 24 | <u>When required</u> - 10" steel flow line |
| 25 | 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 G-1

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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Revised 1-1-89

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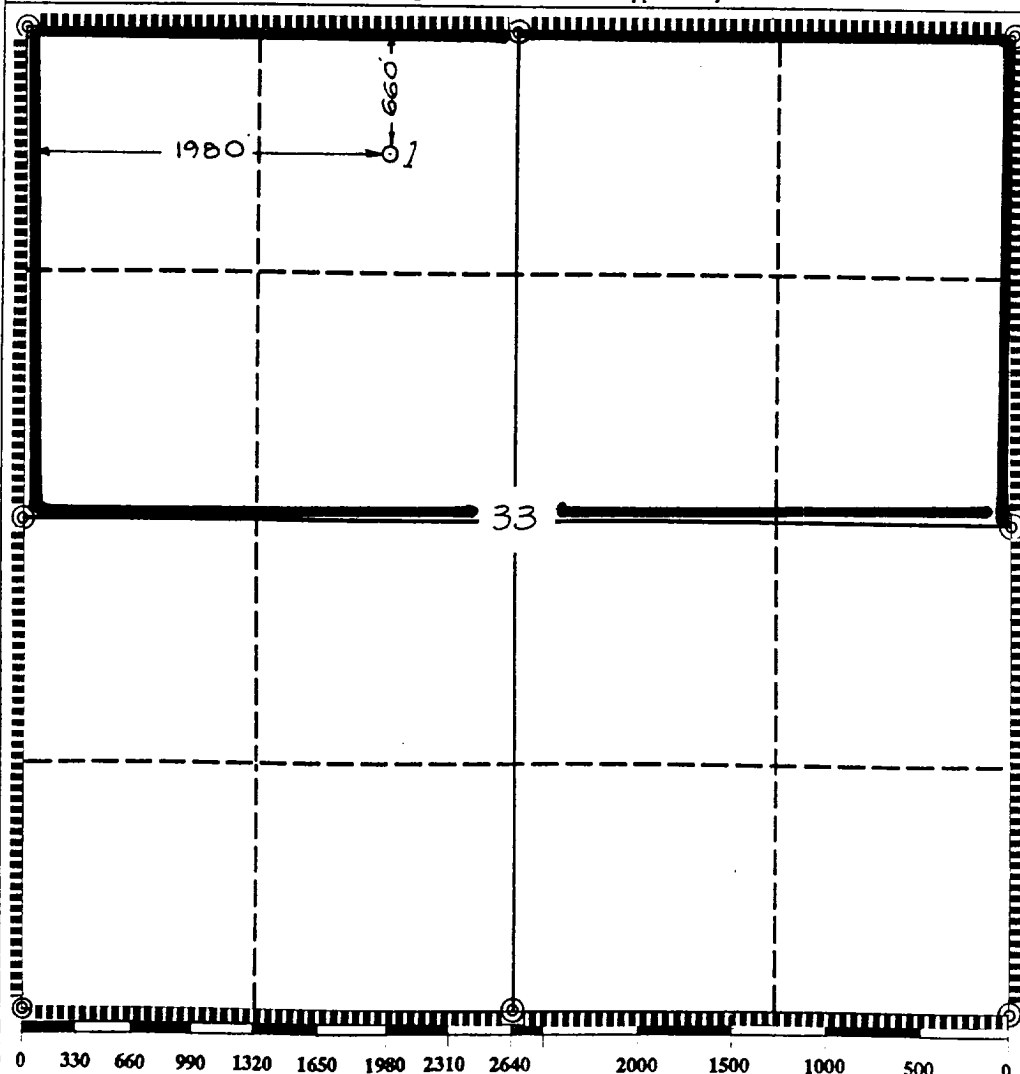
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Certificate No.
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John S. Piper



Rec'd 7-16-90

ELF

RECEIVED

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OCD
MOBBS OFFICE