

N. M. Oil Cons. Division

811 S. 1ST ST.

ALBUQUERQUE, NM 86210-0600

Form 3160-3
(December 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE

FORM APPROVED
Budget Bureau No. 1004-0136
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. Type of Work **DRILL** ☒ **DEEPEN** ☐
1b. Type of Well **SINGLE ZONE** ☒
OIL WELL ☒ GAS WELL ☐ OTHER ☐
MULTIPLE ZONE ☐2. Name of Operator **22351 TEXACO EXPLORATION & PRODUCTION INC.**
3. Address and Telephone No. **P.O. Box 3109, Midland Texas 79702 688-4606**4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At Surface
Unit Letter **J** : **1980** Feet From The **SOUTH** Line and **1960** Feet From The **EAST** Line
At proposed prod. zone
SAME14. Distance In Miles and Direction from Nearest Town or Post Office*
30 MILES EAST FROM CARLSBAD, NM15. Distance From Proposed* Location to Nearest Property or Lease Line, Ft. (also to nearest drlg. unit line, if any) **1960'**16. No. of Acres in Lease
64018. Distance From Proposed Location* to Nearest Well, Drilling, Completed or Applied For, On This Lease, Ft. **1310'**19. Proposed Depth
8550'

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

GR-3584

22. Approx. Date Work Will Start*
3/1/9723 **SECRETARY'S POTASH** PROPOSED CASING AND CEMENT PROGRAM **COLLIER WATER BASIN**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4	WC50, 11 3/4	42#	800'	500 SACKS - CIRCULATE
11	WC50, J55, 8 5/8	32#	4400'	1050 SACKS - CIRCULATE
7 7/8	WC50, WC70, 5 7/8	17#	8550'	1500 SACKS - CIRCULATE

CEMENTING PROGRAM:

SURFACE CASING - 500 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.34 CF/S, 6.3 GW/S).

INTERMEDIATE CASING - 900 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.4 PPG, 2.14 CF/S, 11.9 GW/S). F/B 150 SACKS CLASS H (15.6 PPG, 1.18 CF/S, 5.2 GW/S).

PRODUCTION CASING - 1st STG: 800 SACKS 50/50 POZ H w/ 2% GEL, 5% SALT, 1/4# FC (14.2 PPG, 1.35 CF/S, 6.3 GW/S).

DV TOOL @ 5500' - 2nd STG: 600 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.4 PPG, 2.14 CF/S, 11.9 GW/S). F/B 100 SACKS CLASS H (15.6 PPG, 1.18 CF/S, 5.2 GW/S)

DAYS TO DRILL: 15 DAYS. DAYS TO COMPLETE: 14 DAYS.
THERE ARE NO OTHER OPERATORS IN THIS QUARTER QUARTER SECTION.APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

In Above Space Describe Proposed Program: If proposal is to deepen, 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 true verticle depths. Give blowout preventer program, if any.

24. I hereby certify that the foregoing is true and correct

SIGNATURE C. Wade Howard TITLE Eng. Assistant DATE 1/31/97TYPE OR PRINT NAME C. Wade Howard

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

APPROVED BY /s/ Richard H. Smith TITLE Acting State Director DATE 3-20-97
CONDITIONS OF APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

N. M. Oil Cons. Division

811 S. 1ST ST

ARTESIA, NM 88210-2834

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SUBMIT IN TRIPLICATE

2-3-97 *ndh*

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3/1/97

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SIGNATURE C. Wade Howard TITLE **Eng. Assistant** DATE **1/31/97**TYPE OR PRINT NAME **C. Wade Howard**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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APPROVED BY _____ TITLE _____ DATE _____

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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

DISTRICT IV
P. O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

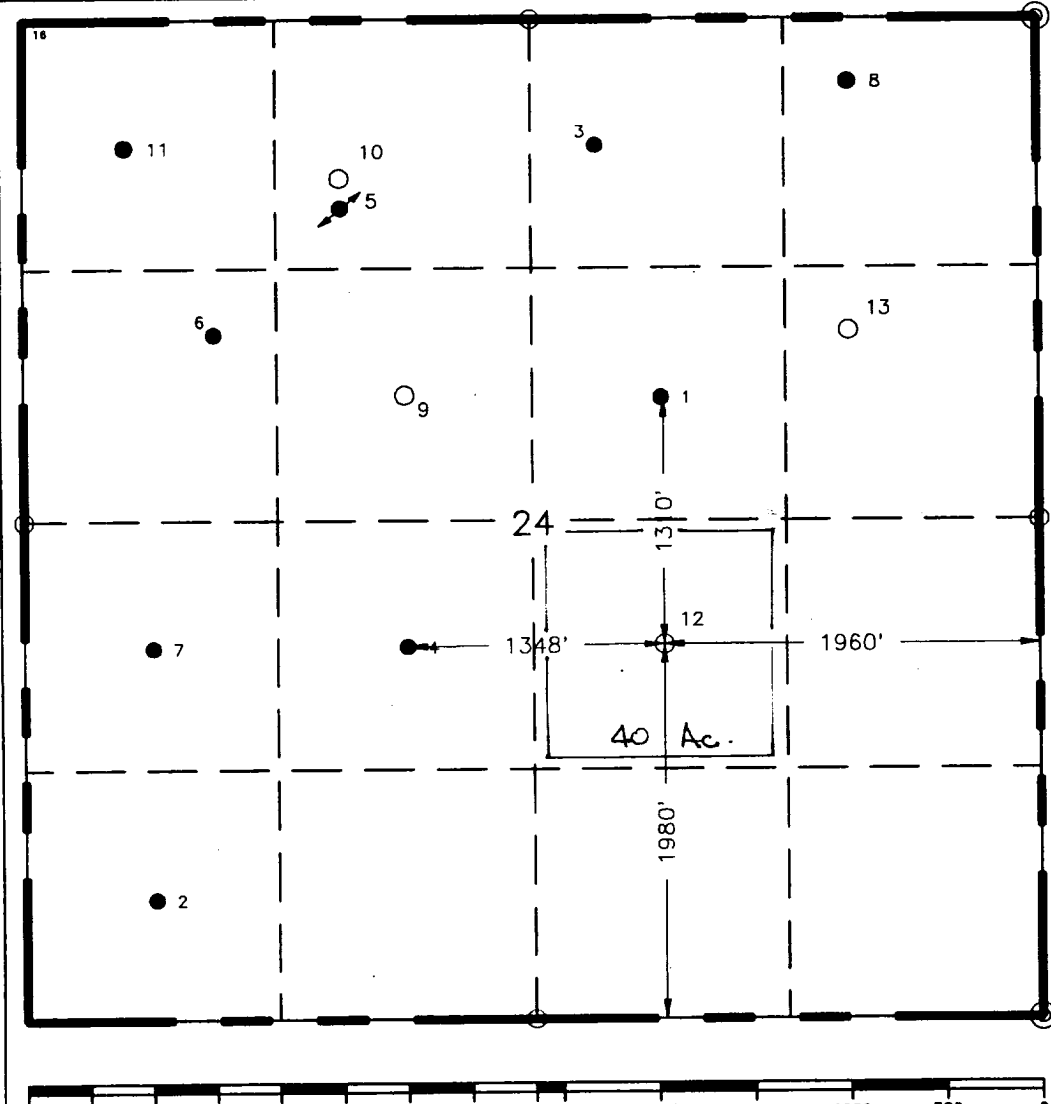
State Lease-4 copies
Fee Lease-3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code		³ Pool Name Livingston Ridge-Delaware					
⁴ Property Code 10947		⁵ Property Name Getty "24" Federal						⁶ Well Number 12	
⁷ OGRID No. 22351		⁸ Operator Name TEXACO EXPLORATION & PRODUCTION, INC.						⁹ Elevation 3584'	
¹⁰ Surface Location									
UL or lot no. J	Section 24	Township 22-S	Range 31-E	Lot Idn	Feet from the 1980'	North/South line South	Feet from the 1960'	East/West line East	⁷ County Eddy
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	⁷ County
¹² Dedicated Acres 40		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

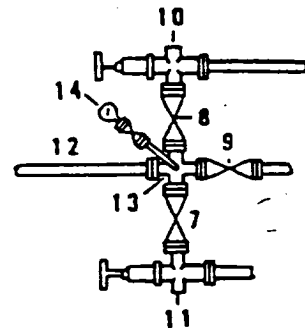
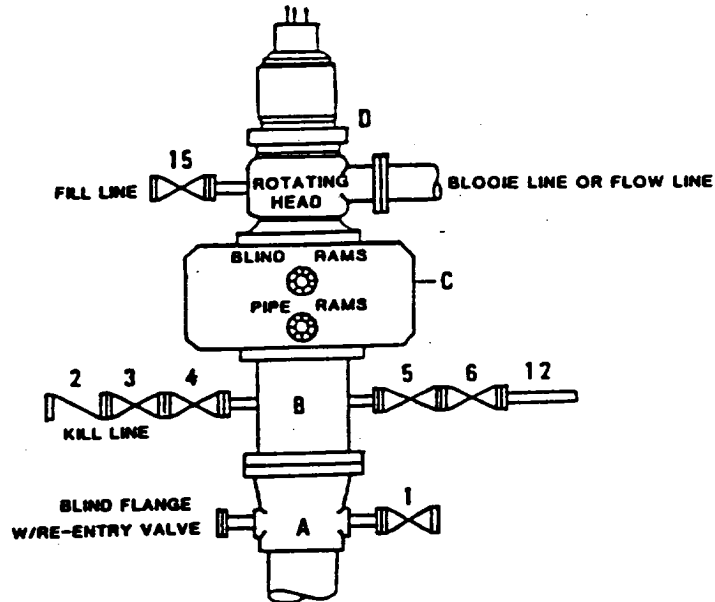
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION.

	¹⁶ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
	Signature <i>C. Wade Howard</i>
	Printed Name C. Wade Howard
	Position Engineer's Assistant
	Company Texaco Expl. & Prod. Inc.
	Date January 27, 1997
	¹⁷ 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 January 24, 1997
	Signature and Seal of Professional Surveyor <i>John S. Piper</i>
	Certificate No. 7854 John S. Piper

Sheet 8 of 8

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

H₂S 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 Bloecie 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 C