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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

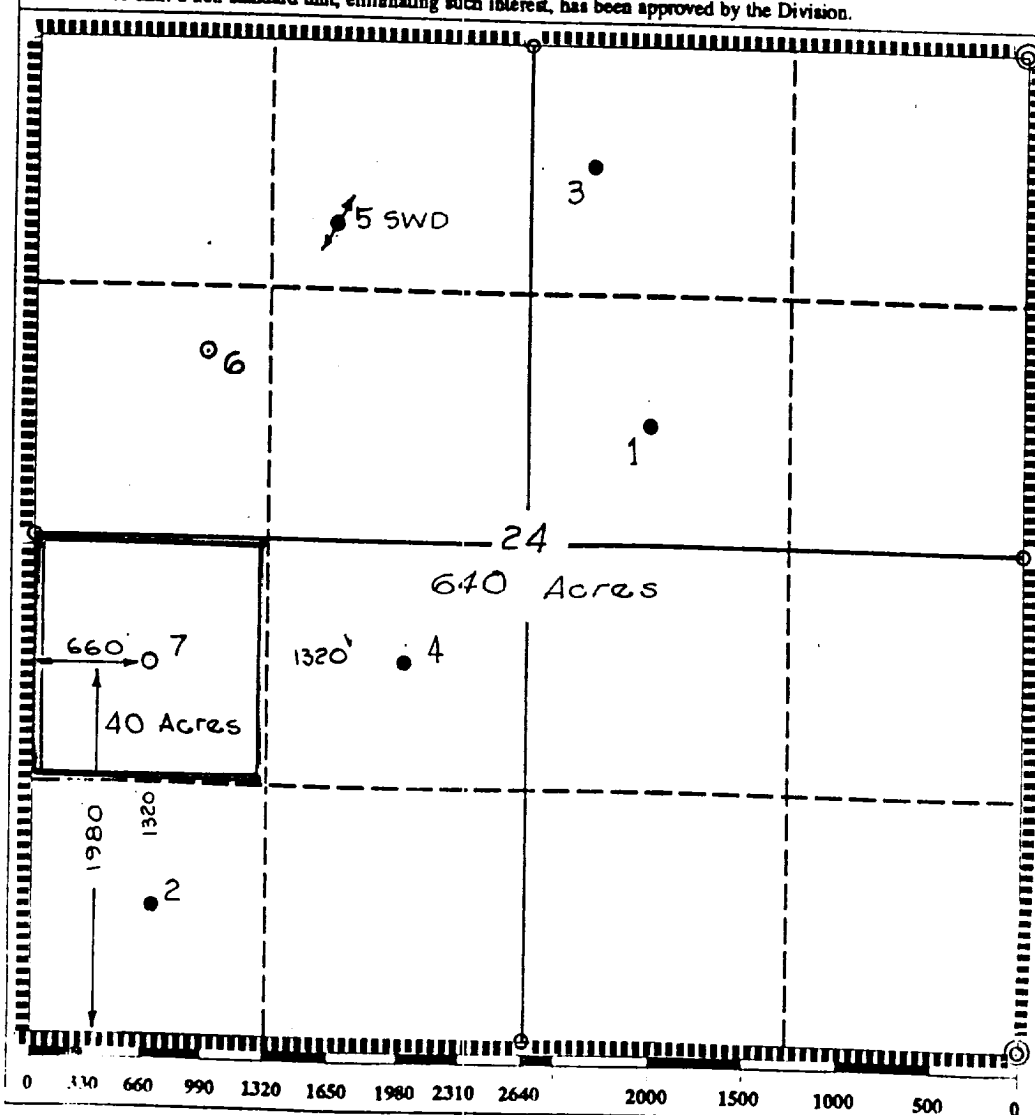
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator TEXACO EXPLORATION & PRODUCTION Inc.			Lease GETTY FEDERAL "24"		Well No. 7
Unit Letter L	Section 24	Township 22-South	Range 31-East	County Eddy	
Actual Footage Location of Well: 1980 feet from the South line and 660 feet from the West line					
Ground level Elev. 3570		Producing Formation Brushy Canyon		Pool Livingston Ridge	Dedicated Acreage: 40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communization, 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 communization, 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 EXPL. & PROD. Inc.
Date
February 2, 1992

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 31, 1992
Signature & Seal of
Professional Surveyor
John S. Piper
Certificate No.
254 John S. Piper

Sheet of

ANTICIPATED WATER, OIL, GAS AND MINERAL BEARING FORMATIONS

Lease: Getty "24" Federal Well No. 7
 Location: 1980' FSL, 660' FWL, Sec. 24, T-22-S, R-31-E
 County: Eddy State: New Mexico Elevation: GR-3570'
 Proposed TD: 8450'

Formation Tops

<u>Depth</u>	<u>Formation</u>	<u>Oil</u>	<u>Gas</u>	<u>Water</u>	<u>Lithology</u>
185'	Santa Rosa			X	Ss, Redbeds
745'	Rustler				Anhy, Salt
1178'	Salado				Salt
4467'	Lamar				Limestone
4550'	Bell Canyon				Sandstone
5577'	Cherry Canyon				Sandstone
7017'	Brushy Canyon	X			Sandstone
7042'	Brushy Canyon Pay	X			Sandstone
8367'	Bone Spring				Limestone

Geologic Description

The surface geology of this area is Quaternary age alluvium. Occasional outliers of Triassic Santa Rosa Sandstone are found in some areas. Vegetation consists mainly of scrub oak, mesquite and desert grasses.

The base of the salt section is found around 4350'.

No drill stem tests will be conducted. No cores will be taken.

No abnormal pressures, temperatures, or hazardous gases are anticipated to be encountered in this well. A water flow was encountered at the Neff "13" Federal lease drilled to the north. If a water flow is encountered, a DV Tool will be placed at approximately 3000' on the Intermediate Casing and cemented as follows: 1st Stage - 600 sacks class H w/ 1% CaCl₂ mixed at 15.6 PPG. 2nd Stage - 800 sacks 35/65 Poz class H w/ 6% Gel, 5% Salt & 1/4# Flocele mixed at 12.8 ppg, F/B 700 sacks class H w/ 1% CaCl₂ mixed at 15.6 PPG.

GR-CAL-CNL-LDT, GR-SP-DIL-SFL and Dielectric surveys will be run.

Getty "24" Federal Well No. 7

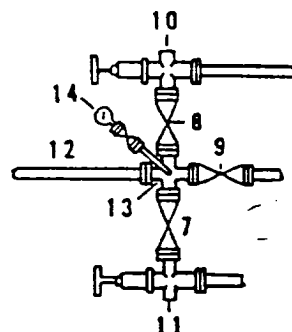
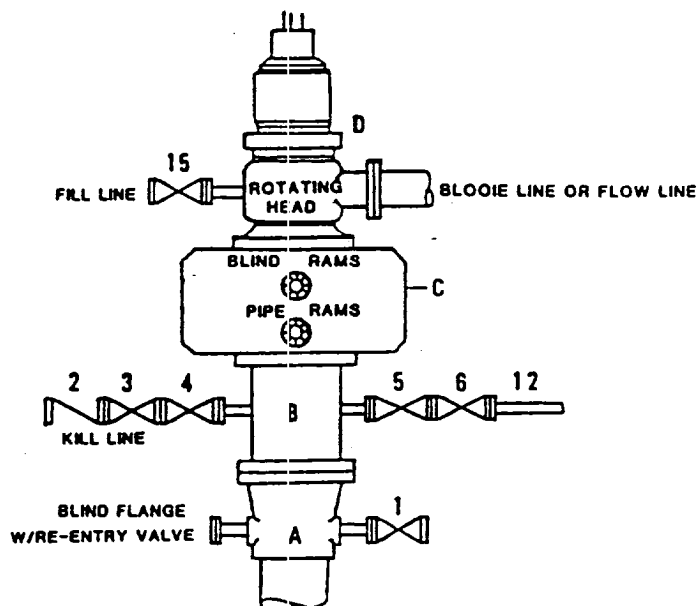
Mud Program

<u>Depth</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>
0'-880'	Fresh Water	8.4	28
880'-4400'	Brine Water	10.0	29
4400'-6900'	Fresh Water	8.4	28
6900'-8450'	Starch	8.6	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.

**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 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 DIVISION
MIDLAND, TEXAS



SCALE:	DATE:	EST. NO.	DRG. NO.
DRAWN BY:			
CHECKED BY:			
APPROVED BY:			

EXHIBIT C

SURFACE USE AND OPERATIONS PLAN
FOR
TEXACO EXPLORATION AND
PRODUCTION, INC.

GETTY FEDERAL "24" No. 7,
1980 FSL & 660 FWL SECTION 24,
TWP. 22 SOUTH, RANGE 31 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

LOCATED: 30 miles East of Carlsbad, New Mexico

FEDERAL LEASE NUMBER: NM 25876

LEASE ISSUED: Lease is in producing status

ACRES IN LEASE: 640 Acres

RECORD LESSEE: TEXACO EXPLORATION AND PRODUCTION, Inc.

SURFACE OWNERSHIP: USA

GRAZING PERMITTEE: Mr. J. C. Mills
Drawer "G"
Abernathy, Texas 79311

POOL: Brushy Canyon

POOL RULES: Field Rules are for no wells to be located closer than 330' to any quarter-quarter section, to be 330' from the lease line, and 330' from the nearest well.

EXHIBITS: A. Access Road and Facilities Map

B. Drilling Rig Layout Diagram

C. Well location and Acreage Dedication Plat

1. EXISTING ACCESS ROADS

A. Exhibit "A" is an enlarged portion of a 7.5 minute U.S.G.S. topographic map showing the proposed well site and the existing roads in the area. Point "A" is the junction of the existing resource road with Eddy County Road No. 798, being 12.4 miles Southeasterly, Southerly and Southwesterly, from its intersection with U.S. Highway 62 & 180. Said intersection is approximately 32 miles Northeasterly of Carlsbad and 40 miles Southwesterly of Hobbs, New Mexico along the major established Public Road System. Point "A" is also approximately 8.6 miles Northerly on Eddy County Road No. 798 from Eddy County Road 798 intersection with State Highway 128, which is approximately 34 miles Westerly of Jal, New Mexico.

The local existing resource road travels Easterly 0.05 miles to Point "B" where access to the lease is acquired. This resource road is located across Federal Lands as shown in Pink on Exhibit "A".

Continuing along said resource road on the subject lease Easterly 0.15 miles to Point "C" as shown in light green on Exhibit "A".

2. PLANNED RESOURCE ROAD

A. Length and Width: From Point "C" as shown on Exhibit "A", a new 14 foot wide Resource Road will be constructed 1000 feet Southerly (Shown in Purple on Exhibit "A") with access at the Northeast corner of the proposed well pad, as shown on Exhibits "A" and "B".

B. Surfacing Material: Caliche material will be used to surface the proposed road. It will be watered, compacted, and graded.

C. Maximum Grade: An approximate grades of two percent will be encountered ascending from Point "C" to the proposed well pad.

D. Turnouts: Turnouts will be constructed as required.

E. Drainage Design: The new road will be crowned at the center to direct drainage to ditches on both sides of the roadway with turnout ditches to be constructed as required.

F. Culverts: None required.

G. Cuts and Fills: A moderate amount of leveling will be required as the road crosses several intermediate size sand dunes to the proposed well pad.

H. Gates and Cattle Guards: None required.

3. LOCATION OF EXISTING WELLS

A. Existing wells on the lease and in the immediate area are shown on Exhibit "A".

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

A. The oil, gas, and/or water that this well will produce will be transported by a 2 or 2 1/2" steel surface flowline (shown in Dark Green on Exhibit "A") Southerly across the country to Texaco's existing Getty Federal "24" Battery located on the South side of the existing well No. 2 pad as shown on Exhibit "A".

B. An electric power line will be built to service this well as shown in red on Exhibit "A". Note that other existing and proposed electric lines are also shown on Exhibit "A" for reference.

5. LOCATION AND TYPE OF WATER SUPPLY

A. It is not contemplated that a water well would be drilled. Water necessary for drilling operations will be purchased and trucked to the well site or will be transported to the well site by a temporary pipeline laid on the ground along side existing and proposed roads.

6. SOURCE OF CONSTRUCTION MATERIALS

A. Caliche needed for the road and well pad will be taken from the proposed borrow pit located within the 400 x 400' archaeologically cleared tract at the proposed well site (See Exhibit "B" for location). If insufficient quality or quantity of caliche is not available, it will be transported to the proposed road and well site from the existing pit in the NE/4 of the SW/4 of Section 12, T22S, R31E, by Lea County Road C-29, Eddy County Road #798 and the existing resource roads.

7. METHOD OF HANDLING WASTE DISPOSAL

A. Drill cuttings will be disposed of in the drilling pits.

B. Drilling fluids will be allowed to evaporate in the drilling pits until the pits are dry.

C. Water produced during tests will be disposed of in the drilling pits.

D. Oil produced during tests will be stored in test tanks until sold.

E. Trash, waste paper, garbage and junk will be placed in a trash bin located on the drill site pad. It will be transported

to an approved landfill for disposal within 30 days after completion of drilling and/or completion of operations. All waste material will be contained to prevent scattering by the wind.

8. ANCILLARY FACILITIES

A. None required.

9. WELL SITE LAYOUT

A. Exhibit "B" shows the relative location and dimensions of the well pad, mud pits, and borrow pit, and the location of the major rig components.

B. Cut and Fill requirements will be minor, but clearing and leveling of the well site will be necessary.

10. PLANS FOR RECLAMATION OF THE SURFACE

A. After completion of drilling and/or completion of operations, all equipment and other material not needed for operations will be removed. Pits will be filled and the location will be cleaned of all trash and junk to leave the well site in an as aesthetically pleasing condition as possible.

B. Any unguarded pits containing fluids will be fenced until the pits are dry.

C. After abandonment, all equipment, trash and junk will be removed and the well site will be cleaned. Any special reclamation and/or special revegetation requirements of the Surface Management Agency will be complied with and will be accomplished as rapidly as possible.

11. OTHER INFORMATION

A. Topography: The land surface in the area of the well is relatively level with small and moderate sand dunes. Regionally, the land slopes to the Northwest with average slopes of less than one or two percent.

B. Soil: Top soil at the well site is a deep sandy loam.

C. Flora and Fauna: The vegetation cover is moderate. It includes range grasses, weeds, scrub oak bushes, and mesquite bushes. Wildlife in the area is that typical of a semi-arid desert land and includes coyotes, rabbits, rodents, reptiles, hawks, dove, quail and other small birds.

D. Ponds and Streams: There are no rivers, lakes, ponds, or streams in the area.

E. Residences and Other Structures: There are no occupied dwellings or other structures within 3/4 mile of the well site.

F. Archaeological, Historical, or other Cultural Sites: None were observed in the area.

G. Land Use: Grazing, oil and gas production, and wildlife habitat.

H. Surface Ownership: Federal

12. OPERATOR'S REPRESENTATIVE

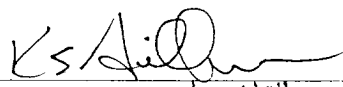
C. P. Basham
Drilling Superintendent
Texaco Exploration and Production, Inc.
P. O. Box 3109
Midland, Texas 79701
Office Phone: (915) 688-4620

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Texaco Exploration and Production, Inc. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U. S. C. 1001 for the filing of a false statement.

2/6/92

Date



~~C. P. Basham~~ K.S. Hillman
Drilling Superintendent
Midland, Texas

Enclosures
jsp

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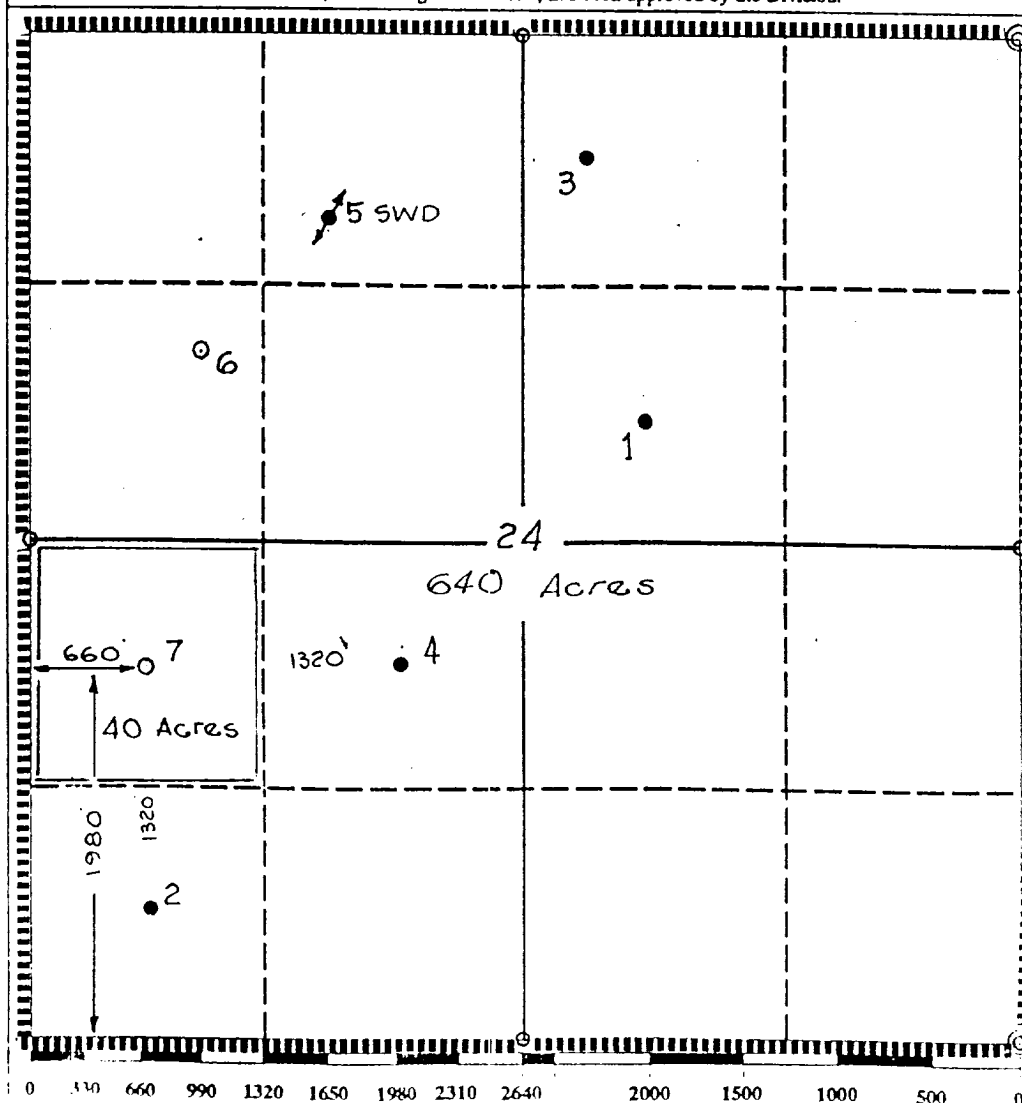
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Royce D. Mariott
Printed Name
Royce D. Mariott
Position
Division Surveyor
Company
TEXACO EXPL. & PROD. Inc.
Date
February 2, 1992

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Date Surveyed
January 31, 1992
Signature & Seal of Professional Surveyor
John S. Piper
Certificate No.
254 John S. Piper