

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88211-0719

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

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-101

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address TEXACO EXPLORATION & PRODUCTION INC. P.O. Box 3109, Midland Texas 79702		<sup>2</sup> OGRID Number 022351
		<sup>3</sup> API Number 30-025-33569
<sup>4</sup> Property Code 11048	<sup>5</sup> Property Name NEW MEXICO 'O' STATE NCT-1	<sup>6</sup> Well No. 39

<sup>7</sup> Surface Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
G	36	17-S	34-E		2075	NORTH	2110	EAST	LEA

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
<sup>9</sup> Proposed Pool 1 VACUUM, UPPER PENN					<sup>10</sup> Proposed Pool 2 VACUUM, WOLFCAMP				

<sup>11</sup> Work Type Code N	<sup>12</sup> WellType Code O	<sup>13</sup> Rotary or C.T. ROTARY	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3997'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 10500'	<sup>18</sup> Formation U. PENN/WOLFCAMP	<sup>19</sup> Contractor NABORS	<sup>20</sup> Spud Date 9/15/96

<sup>21</sup> 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#	1500'	800 SACKS	SURFACE
11	8 5/8	32#	5300'	1500 SACKS	SURFACE
7 7/8	5 1/2	17#	10500'	2200 SACKS	SURFACE

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

CEMENTING PROGRAM:

SURFACE CASING: 600 SACKS CLASS C w/ 4% GEL, 2% CC (13.5 PPG, 1.74 CF/S, 9.1 GW/S). F/B 200 SACKS CLASS C w/ 2% CC (14.8 PPG, 1.34 CF/S, 6.3 GW/S)

INTERMEDIATE CASING: 1300 SACKS 35/65 POZ H w/ 6% GEL, 5% SALT, 1/4# FC (12.4 PPG, 2.14 CF/S, 11.9 GW/S). F/B 200 SACKS CLASS H (15.6 PPG, 1.19 CF/S, 5.2 GW/S).

PRODUCTION CASING: 1st STG - 700 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 @ 8000': 2nd STG - 1200 SACKS 35/65 POZ H w/ 6% GEL, 5% SALT, 1/4# FC (12.4 PPG, 2.14 CF/S, 11.9 GW/S). F/B 300 SACKS CLASS H w/ 2% CC (15.6 PPG, 1.19 CF/S, 5.2 GW/S).

THERE ARE NO OTHER OPERATORS IN THIS QUARTER QUARTER SECTION.

Permit Expires 1 Year From Approval Date Unless Drilling Underway

<sup>23</sup> I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature

*C. Wade Howard*

Printed Name

C. Wade Howard

Title

Eng. Assistant

Date

9/4/96

Telephone

688-4606

OIL CONSERVATION DIVISION

Approved By:

Title:

Approval Date

SEP 06 1996

Expiration Date:

Conditions of Approval:

Attached

DISTRICT 1  
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

Form C-102  
Revised February 10, 1994

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Instructions on back

Submit to Appropriate District Office

State Lease-4 copies  
Fee Lease-3 copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

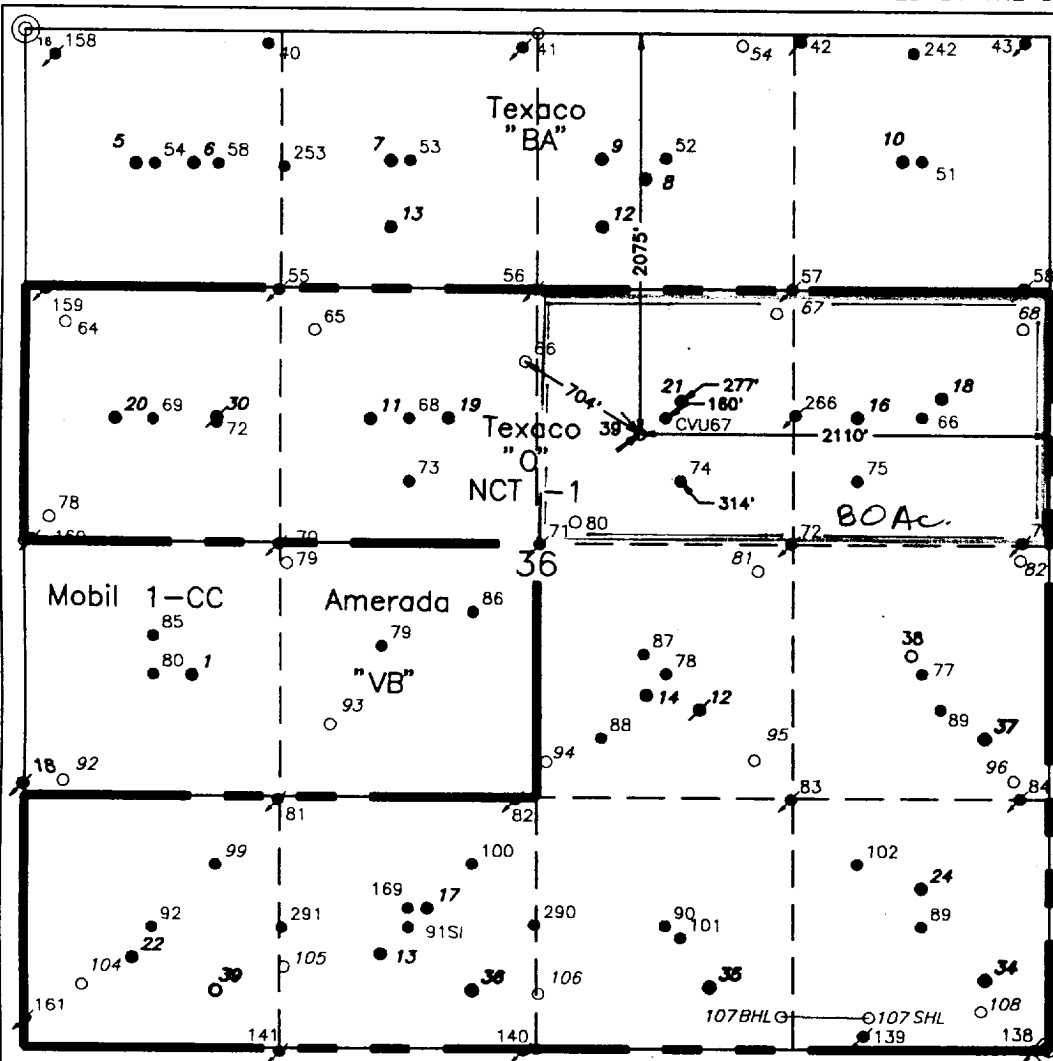
<sup>1</sup> API Number 30-025-33569		<sup>2</sup> Pool Code <del>62340</del> /62340		<sup>3</sup> Pool Name Vacuum, Upper Penn; Vacuum, Wolfcamp;	
<sup>4</sup> Property Code 11048		<sup>5</sup> Property Name New Mexico "O" State NCT-1			<sup>6</sup> Well Number 39
<sup>7</sup> OGRID No. 22351		<sup>8</sup> Operator Name TEXACO EXPLORATION & PRODUCTION, INC.			<sup>9</sup> Elevation 3997'

<sup>10</sup> Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	<sup>7</sup> County
G	36	17-S	34-E		2075'	North	2110'	East	Lea

<sup>11</sup> 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	<sup>7</sup> County

<sup>12</sup> Dedicated Acres 80	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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.



<sup>17</sup>OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature  
*C. Wade Howard*

Printed Name  
C. Wade Howard

Position  
Engineer's Assistant

Company  
Texaco Expl. & Prod. Inc.

Date  
September 4, 1996

<sup>18</sup>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.

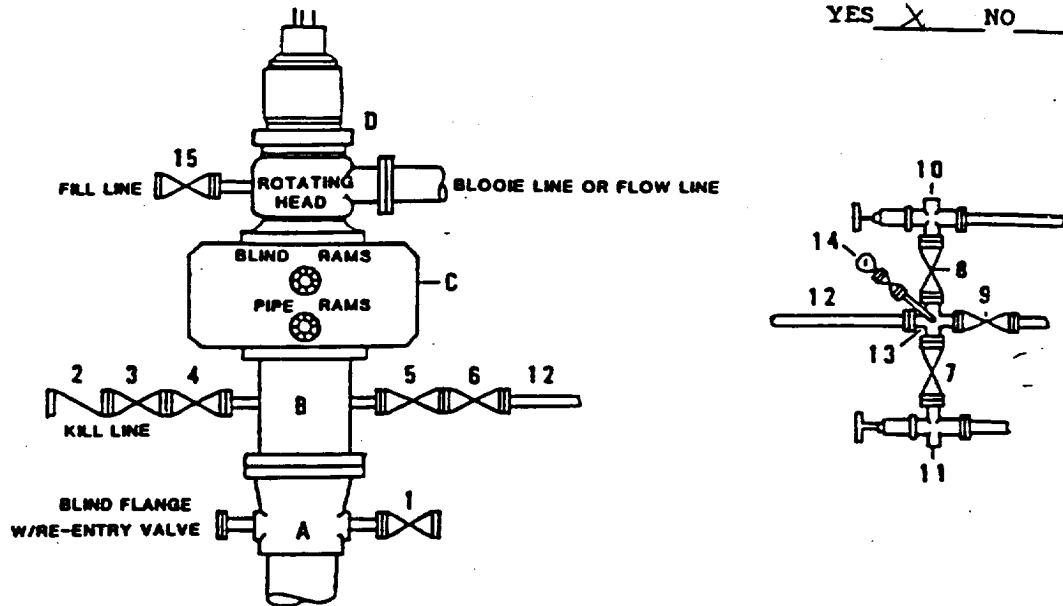
Date Surveyed  
August 30, 1996

Signature & Seal of Professional Surveyor  
*John S. Piper*

Certificate No.  
7254 John S. Piper

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

H<sub>2</sub>S 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 Blooie 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    1" 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