

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resource

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

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 500 N. Loraine Midland, Texas 79702		<sup>2</sup> OGRID Number 022351
		<sup>3</sup> API Number 30- 025-32262
<sup>4</sup> Property Code 111 25	<sup>5</sup> Property Name VACUUM GLORIETA WEST UNIT	<sup>6</sup> Well No. 15

<sup>7</sup> Surface Location									
UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South Line	Feet from the	East/West line	County
A	25	17-S	34-E		807'	NORTH	971'	EAST	LEA

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South Line	Feet from the	East/West line	County
D	30	17-S	34-E		807'	NORTH	229'	WEST	LEA

<sup>9</sup> Proposed Pool 1 VACUUM GLORIETA	<sup>10</sup> Proposed Pool 2
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<sup>11</sup> Work Type Code REENTER/HORIZONTAL	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable Rotary ROTARY	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 6416'	<sup>18</sup> Formation GLORIETA	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 8/1/01

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight foot	Setting Depth	Sacks of Cement	Estimated TOC

<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.

TEXACO INTENDS TO REENTER AND DRILL A HORIZONTAL LATERAL IN THE SUBJECT WELL.  
KICK OFF POINT: 5930'  
TOP OF WINDOW: 5960'  
BOTTOM OF WINDOW: 6030'

WELL PLAN: SQZ GLORIETA PERFS, CLEAN OUT TO 5940'. DRILL 1200' LATERAL. ACIDIZE WITH COILED TUBING.  
SEE ATTACHMENTS. SUBJECT WELL IS IN A PROJECT AREA.

Permit Expires 1 Year From Approval

Date Unless Drilling Underway

Horizontal/Re-Entry

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>A. Phil Ryan</i> Printed name: A. Phil Ryan Title: Commission Coordinator Date: 7/12/01 Phone: (915) 688-4606		OIL CONSERVATION DIVISION Approved by: <i>Paul Kuntz</i> Title: Geologist Approval Date: <i>7/12/01</i> Expiration Date: Conditions of Approval: Attached <input type="checkbox"/>	
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Energy, Minerals & Natural Resources

Form C-102  
Revised March 17, 1999

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

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State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 025-32262		<sup>2</sup> Pool Code 62150		<sup>3</sup> Pool Name Vacuum, Glorieta	
<sup>4</sup> Property Code 1112.5		<sup>5</sup> Property Name VACUUM GLORIETA WEST UNIT			<sup>6</sup> Well Number
<sup>7</sup> OGRID No. 022351		<sup>8</sup> Operator Name Texaco Exploration & Production			<sup>9</sup> Elevation

<sup>10</sup> Surface Location

U/L or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	25	17-S	34-E		807'	NORTH	971'	East	Lea

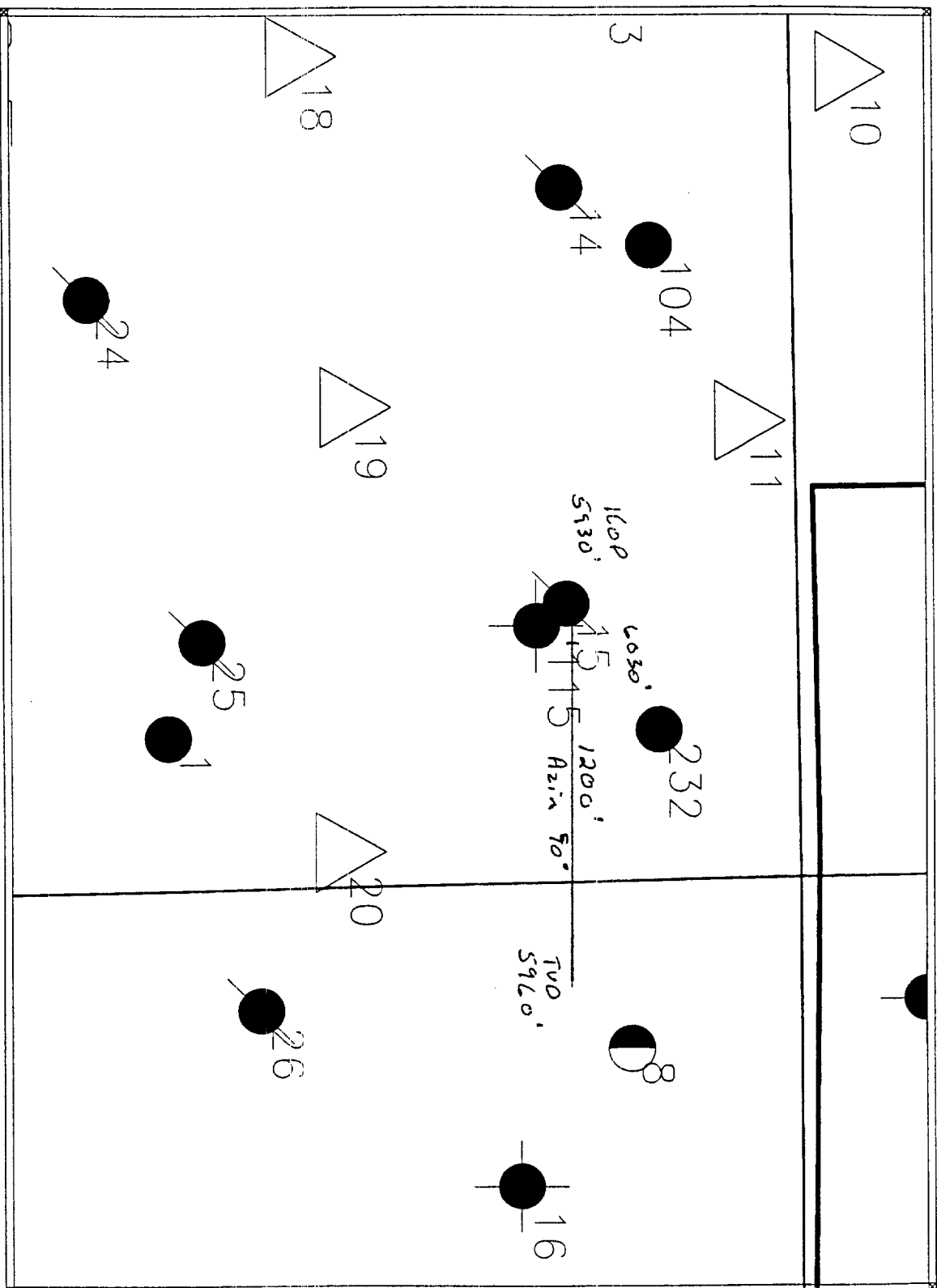
<sup>11</sup> Bottom Hole Location If Different From Surface

U/L or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	30	17-S	34-E		807'	NORTH	229'	WEST	LEA

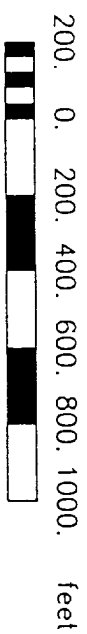
<sup>12</sup> Dedicated Acres 80	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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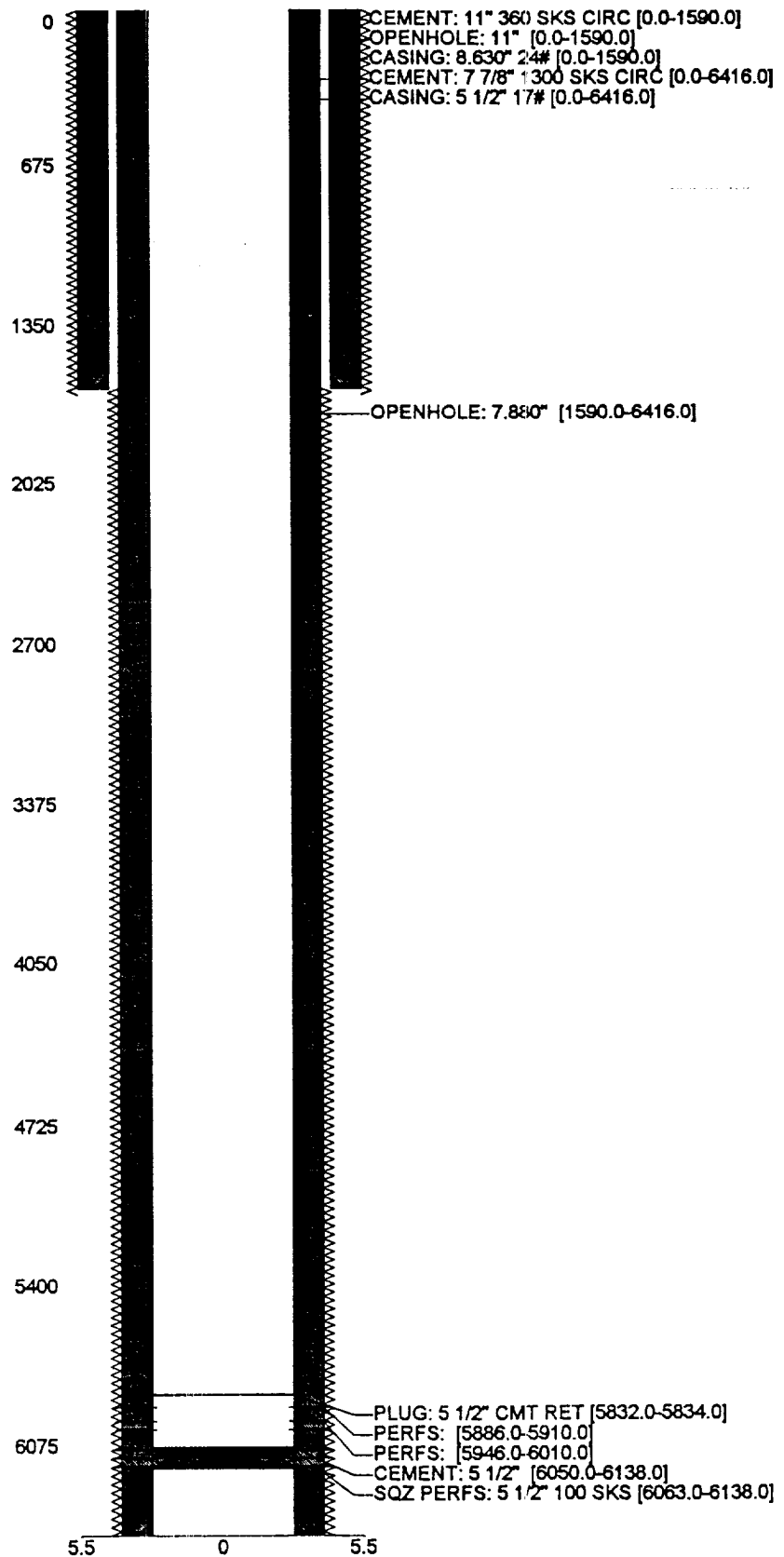
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup> <b>Sec 25</b> 	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
	Signature 	
	Printed Name A. PHIL RYAN	
	Title COMMISSION COORDINATOR	
<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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 belief.	Date of Survey 7/12/00	
	Signature and Seal of Professional Surveyer:	
	Certificate Number	



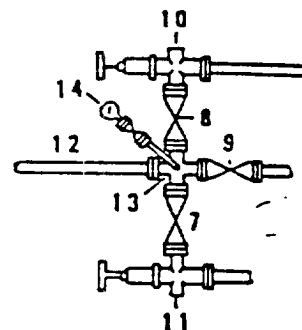
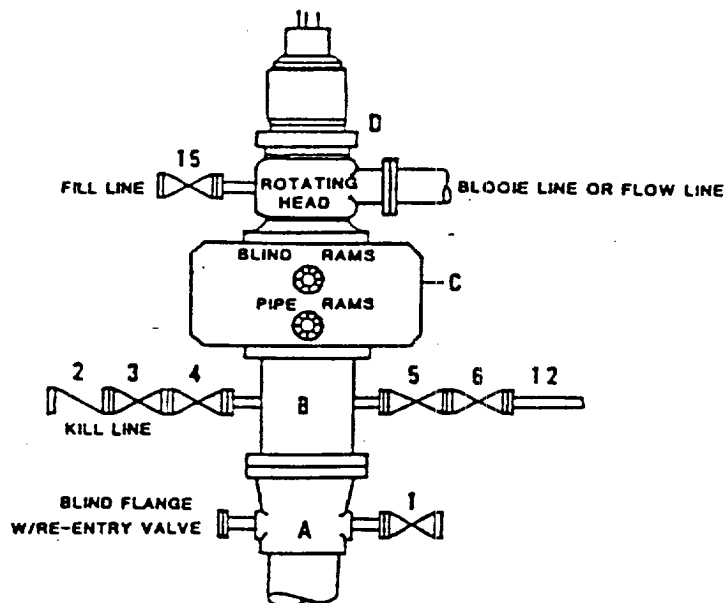
Scale 1:6000.





**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 X



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 Bloocie 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