

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

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

OIL CONSERVATION DIVISION

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

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

<sup>1</sup> Operator Name and Address TEXACO EXPLORATION & PRODUCTION INC. 205 E. Bender, HOBBS, NM 88240		<sup>2</sup> OGRID Number 022351
<sup>4</sup> Property Code 011125	<sup>5</sup> Property Name VACUUM GLORIETA WEST UNIT	<sup>3</sup> API Number 30-025-30971
		<sup>6</sup> Well No. 59

<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
C	36	17S	34E		990	NORTH	1880	WEST	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
B/D	36/36	17S	34E		340' 90'	NORTH/N	2275' 880'	EAST/W	LEA

<sup>9</sup> Proposed Pool 1 VACUUM GLORIETA UNITIZED INTERVAL					<sup>10</sup> Proposed Pool 2				
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<sup>11</sup> Work Type Code P	<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 4003' GR
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 6010'TVD	<sup>18</sup> Formation PADDOCK	<sup>19</sup> Contractor UNKNOWN	<sup>20</sup> Spud Date 1/25/98

<sup>21</sup> Proposed Casing and Cement Program					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
NO CHANGE					

<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 DRILL DUAL LATERAL HORIZONTAL INTERVALS FROM THE EXISTING VERTICAL INJECTION WELL. THE INTENDED PROCEDURE IS AS FOLLOWS: (UPPER PADDOCK)

1. Remove pump jack. TOH and lay down rds, pump & tbg. set pkr @ 5809'. TIH w/latch, space out assembly, debris sub & whipstock. (Csg collar @ 5875', top of window-5859', btm of window -5866' & KOP @ 5870'.
2. Drill short radius curve using a bit to a measured depth of 6093'. (TVD-6010'.) Final angle will be 89 degrees from vertical. Drill 1300' horizontal section. (azimuth 60 degrees).
3. Retrieve whipstock. TIH w/latch space out assembly, & whipstock. (csg collar @ 5830, top of window-5809', btm of window-5816 & KOP @ 5820'.
4. Drill short radius curve using bit to a measured depth of 6109'. TVD-6000'. Final angle will be 90 degrees from vertical. Drill 1000' horizontal lateral (azimuth 270 degrees)
5. Foam/acid wash both horizontal laterals using a coiled tubing unit. Place well on production.

<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.		OIL CONSERVATION DIVISION	
Signature <i>J. Denise Leake</i>			
Printed Name J. Denise Leake		Approved By: <i>JAMES</i>	
Title Engineering Assistant		Title:	
Date 1/15/99		Approval Date: <i>1/15/99</i>	Expiration Date:
Telephone 397-0405		Conditions of Approval: Attached <input type="checkbox"/>	