

District I  
625 N. French Dr., Hobbs, NM 88240  
District II  
311 South First, Artesia, NM 88210  
District III  
000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

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 <b>El Paso Energy Raton, L.L. C. P.O. Box 190 Raton, NM 87740</b>		<sup>2</sup> OGRID Number <b>180514</b>
		<sup>3</sup> API Number <b>30-007- 20228</b>
<sup>3</sup> Property Code <b>25179</b>	<sup>5</sup> Property Name <b>Vermejo Park Ranch (VPR)</b>	<sup>6</sup> Well No. <b>VPR D-56</b>

<sup>7</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
<b>M</b>	<b>33</b>	<b>31N</b>	<b>18E</b>	<b>M</b>	<b>760'</b>	<b>SOUTH</b>	<b>1299'</b>	<b>WEST</b>	<b>COLFAX</b>

<sup>8</sup> Proposed 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
<sup>9</sup> Proposed Pool 1 <b>CASTLE ROCK PARK-VERMEJO GAS (97046)</b>						<sup>10</sup> Proposed Pool 2			

<sup>11</sup> Work Type Code <b>N</b>	<sup>12</sup> Well Type Code <b>G</b>	<sup>13</sup> Cable/Rotary <b>ROTARY/AIR</b>	<sup>14</sup> Lease Type Code <b>P</b>	<sup>15</sup> Ground Level Elevation <b>8358' (GL)</b>
<sup>16</sup> Multiple <b>No</b>	<sup>17</sup> Proposed Depth <b>2500'</b>	<sup>18</sup> Formation <b>Trinidad</b>	<sup>19</sup> Contractor <b>Not Available</b>	<sup>20</sup> Spud Date <b>January 25, 2001</b>

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
<b>11"</b>	<b>8 5/8"</b>	<b>23#</b>	<b>300'</b>	<b>100 sx.</b>	<b>SURFACE</b>
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>15.50#</b>	<b>2500'</b>	<b>300 sx.</b>	<b>SURFACE</b>

<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.

- Drill 11" hole to +/- 310' with air.
- Set 8 5/8" surface casing at +/- 300' and cement to surface.
- Drill 7 7/8" hole to 2500' with air. Run open hole logs.
- Set 5 1/2" production casing to TD and cement to surface. Cement volumes calculated off open hole logs.
- Perforate and stimulate the Vermejo Coals. Clean out well bore and run production equipment.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *DR Lankford*

Printed name: Donald R. Lankford

Title: Senior Petroleum Engineer

Date: 11/07/2000

Phone: (505) 445-4620

OIL CONSERVATION DIVISION

Approved by:

Title: **DISTRICT SUPERVISOR**

Approval Date: *11/7/00*

Expiration Date: *11/7/01*

Conditions of Approval:

Attached ☐

**District I**  
1625 N. French Dr., Hobbs, NM 88240

**District II**  
811 South First, Artesia, NM 88210

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**District IV**  
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION  
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Fee Lease - 3 Copies



☐ AMENDED REPORT

<sup>1</sup> API Number		<sup>2</sup> Pool Code 97046	<sup>3</sup> Pool Name CASTLE ROCK PARK - VERMEJO GAS	
<sup>4</sup> Property Code 25179	<sup>5</sup> Property Name VERMEJO PARK RANCH			<sup>6</sup> Well Number VPR 'D' - 56
<sup>7</sup> OGRID No. 180514	<sup>8</sup> Operator Name EL PASO ENERGY - RATON , L.L.C.			<sup>9</sup> Elevation 8357.8

11L or lot no. M	Section 33	Township T 31 N	Range R 18 E	Lot Idn M	Feet from the 760.0	North/South line SOUTH	Feet from the 1298.7	East/West line WEST	County COLFAX
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1/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County COLFAX
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[illegible]

16				<div style="border: 1px solid black; padding: 5px;"><div style="text-align: center;"><b>17 OPERATOR CERTIFICATION</b></div><p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p><div style="margin-top: 20px;">Signature _____  Printed Name <b>DONALD R. LANKFORD</b></div><div style="margin-top: 10px;">Title <b>SENIOR PETROLEUM ENGINEER</b></div><div style="margin-top: 10px;">Date _____</div></div>
12981				<div style="border: 1px solid black; padding: 5px;"><div style="text-align: center;"><b>18 SURVEYOR CERTIFICATION</b></div><p><i>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.</i></p><div style="margin-top: 20px;">OCTOBER 6, 2000 Date of Survey _____</div><div style="margin-top: 10px;">Signature and Seal of Professional Surveyor:  Certificate Number <b>5101</b></div></div>