

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-101  
Revised June 10, 2003

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 El Paso Energy Raton, L.L.C. PO Box 190 Raton, NM 87740		<sup>2</sup> OGRID Number <b>180514</b>
		<sup>3</sup> API Number <b>30-007-20503</b>
<sup>3</sup> Property Code <b>25179</b>	<sup>3</sup> Property Name <b>Vermejo Park Ranch (VPR)</b>	<sup>6</sup> Well No. <b>VPR D 158</b>

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>O</b>	<b>9</b>	<b>30N</b>	<b>17E</b>	<b>O</b>	<b>426</b>	<b>FSL</b>	<b>1555</b>	<b>FEL</b>	<b>Colfax</b>

<sup>8</sup> Proposed 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	County

<sup>9</sup> Proposed Pool 1

**Castle Rock Park - Vermejo**

<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>9101'</b>
<sup>16</sup> Multiple <b>Yes</b>	<sup>17</sup> Proposed Depth <b>3,200'</b>	<sup>18</sup> Formation <b>Vermejo</b>	<sup>19</sup> Contractor <b>Pense</b>	<sup>20</sup> Spud Date <b>March 1, 2004</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>24#</b>	<b>320'</b>	<b>100 sk</b>	<b>Surface</b>
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>17#</b>	<b>3,200'</b>	<b>320 sks</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.

1. Drill 11" hole to +/- 320' with air.
2. Set 8 5/8" surface casing and cement to surface with 100 sks of cement.
3. Drill 7 7/8" hole 3,200' with air. Run open hole logs.
4. Set 5 1/2" production casing to TD and cement to surface. Cement volumes calculated from open hole logs. Run Cement Bond Log.
5. Perforate and stimulate the Vermejo and/or Raton 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.		<b>OIL CONSERVATION DIVISION</b>	
Signature: <i>DR Lankford</i>		Approved by: <i>[Signature]</i>	
Printed name: <b>Donald R. Lankford</b>		Title: <b>DISTRICT SUPERVISOR</b>	
Title: <b>Principal Engineer</b>		Approval Date: <b>1/28/04</b>	Expiration Date: <b>1/28/05</b>
E-mail Address:			
Date: <b>01-23-04</b>	Phone: <b>(505) 445-6721</b>	Conditions of Approval: Attached <input type="checkbox"/>	

NM LS NO. 5103