

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 South 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 March 17, 1999

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>30-007-20435</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 120</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
A	17	30N	17E	A	1307	FNL	1060	FEL	Colfax

<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 <b>Castle Rock Park - Vermejo</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>9,585' (GL)</b>
<sup>16</sup> Multiple <b>Yes</b>	<sup>17</sup> Proposed Depth <b>3,500'</b>	<sup>18</sup> Formation <b>Vermejo</b>	<sup>19</sup> Contractor <b>Not Available</b>	<sup>20</sup> Spud Date <b>July 27, 2003</b>

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11"	8 5/8"	23#	330'	100 sx.	SURFACE
7 7/8"	5 1/2"	15.50#	3,500'	350 sx.	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.

1. Drill 11" hole to +/- 330' with air.
2. Set 8 5/8" surface casing and cement to surface with 100 sks of cement.
3. Drill 7 7/8" hole 3,500' 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.
5. Perforate and stimulate Vermejo and/or Raton Coals. Clean out wellbore 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: Principal Engineer

Date: 07-18-03

Phone: (505) 445-6721

OIL CONSERVATION DIVISION

Approved by:

Title: **DISTRICT SUPERVISOR**

Approval Date: **7/24/03**

Expiration Date: **7/24/04**

Conditions of Approval:

Attached ☐

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

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 15, 2000  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<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-120
<sup>7</sup> OGRID No. 180514	<sup>8</sup> Operator Name EL PASO ENERGY RATON, L.L.C.	<sup>9</sup> Elevation 9585' ±

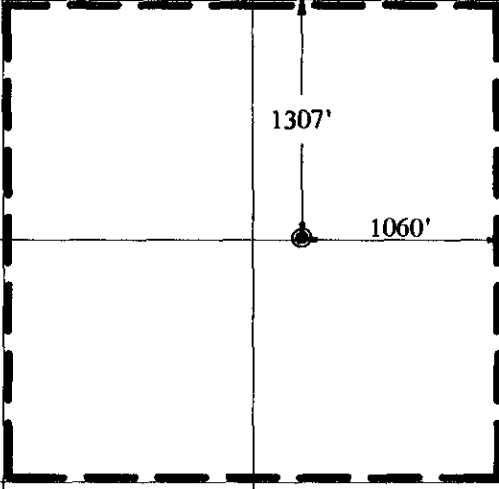
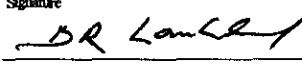
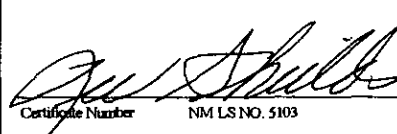
<sup>10</sup> Surface Location

UL or lot no. A	Section 17	Township 30 N	Range 17 E	Lot Idn A	Feet from the 1307	North/South line NORTH	Feet from the 1060	East/West line EAST	County COLFAX
--------------------	---------------	------------------	---------------	--------------	-----------------------	---------------------------	-----------------------	------------------------	------------------

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

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>					<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>
					Signature 
					Printed Name DONALD R. LANKFORD
					Title SENIOR PETROLEUM ENGINEER
Date					
					<sup>18</sup> SURVEYOR CERTIFICATION <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>
					JULY 15, 2003
					Date of Survey
					Signature and Seal of Professional Surveyor: 
Certificate Number   NM LS NO. 5103					