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## 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

JAN 24 2007

Form C-101

May 27, 2004

## Oil Conservation Division

1220 South St. Francis Drive

Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

Santa Fe, NM 87505

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

<sup>1</sup> Operator Name and Address <b>EL PASO E &amp; P COMPANY, L.P. PO BOX 190 RATON, NM 87740</b>		<sup>2</sup> OGRID Number <b>180514</b>
		<sup>3</sup> API Number <b>30-007-20382</b>
<sup>4</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 94</b>
<sup>9</sup> Proposed Pool 1 <b>VERMEJO</b>		<sup>10</sup> Proposed Pool 2 <b>RATON</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>L</b>	<b>34</b>	<b>31N</b>	<b>17E</b>	<b>L</b>	<b>1351</b>	<b>South</b>	<b>1214</b>	<b>West</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
<b>F</b>	<b>34</b>	<b>31N</b>	<b>17E</b>	<b>F</b>	<b>2503</b>	<b>North</b>	<b>2616</b>	<b>West</b>	<b>Colfax</b>

## Additional Well Information

<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/Fluid</b>	<sup>14</sup> Lease Type Code <b>P</b>	<sup>15</sup> Ground Level Elevation <b>8403'</b>
<sup>16</sup> Multiple <b>Yes</b>	<sup>17</sup> Proposed Depth <b>1584' TVD - 3650' MD</b>	<sup>18</sup> Formation <b>Lower Vermejo</b>	<sup>19</sup> Contractor <b>Turner Energy</b>	<sup>20</sup> Spud Date <b>March 1, 2007</b>
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____mils thick Clay <input type="checkbox"/> Pit Volume: _____bbls Drilling Method: <b>Rotary/Fluid</b> Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input checked="" type="checkbox"/>				

<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>323'</b>	<b>100 sx</b>	<b>SURFACE</b>
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>15.5#</b>	<b>1819'</b>	<b>225 sx</b>	<b>SURFACE</b>
<b>4 3/4"</b>	<b>3 1/2"</b>	<b>9.3#</b>	<b>1442' - 3650' MD</b>	<b>None</b>	<b>Liner</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. Set RBP in 5 1/2" casing at 1440'.
2. Set Whip stock in 5 1/2" casing at 1442'.
3. Cut window in 5 1/2" casing at 1433' - 1442'.
4. Drill a 4 3/4" hole in a 143' (40°) radius curve to a 2000' horizontal lateral in the lower Vermejo coal (Top 1581' TVD).
5. Run 3 1/2" liner (No Cement) the length of the lateral.
6. Retrieve whip stock and RBP.
7. Clean out well bore, run production equipment, and put well back on production.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

## OIL CONSERVATION DIVISION

Approved by:

*Ed Martin*

Title:

**DISTRICT SUPERVISOR**Printed name: **Albert J. O'Neil**Title: **Drilling Consultant**Approval Date: **1-25-07**Expiration Date: **1-25-08**E-mail Address: **albert.o'neil@elpaso.com**Date: **01/23/2007**Phone: **(505) 445-6706**Conditions of Approval Attached ☐

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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 October 12, 2005  
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'-94
<sup>7</sup> OGRID No. 180514		<sup>8</sup> Operator Name EL PASO E&P Company, L.P.			<sup>9</sup> Elevation 8403'

**<sup>10</sup> Surface Location**

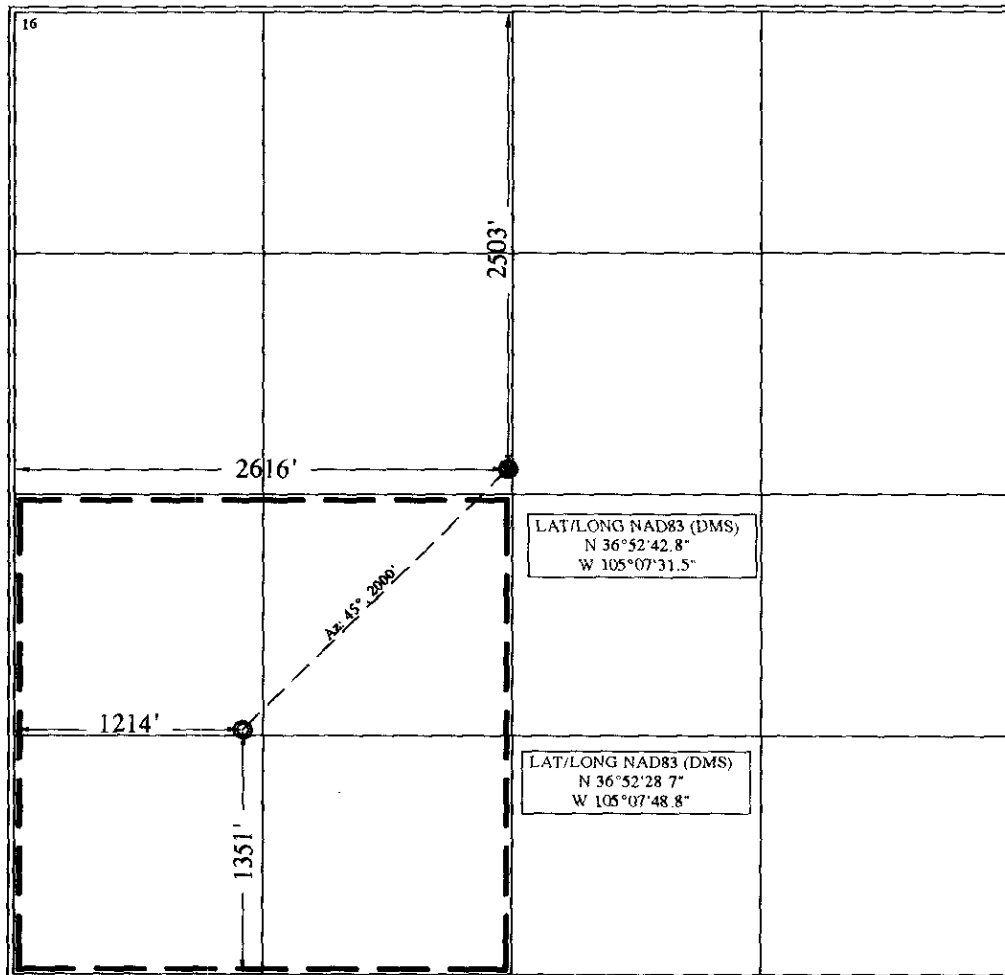
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
L	34	T 31 N	R 17 E	L	1351	SOUTH	1214	WEST	COLFAX

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

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
F	34	T 31 N	R 17 E	F	2503	NORTH	2616	WEST	COLFAX

<sup>12</sup> Dedicated Acres	<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>17</sup> OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *[Signature]* Date: 1/22/07  
Printed Name: Albert J. O'Neil

**<sup>18</sup> SURVEYOR CERTIFICATION**

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.

December 6, 2006

Date of Survey

Signature and Seal of Professional Surveyor:

*[Signature]*  
Certificate Number: NM LS NO. 5103