

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1351 W. Grand Avenue, Artesia, NM 88210  
District III  
700 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

Form C-101  
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

2005 DEC 10  
**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. PO Box 190 Raton, NM 87740</b>		<sup>2</sup> OGRID Number <b>180514</b>
		<sup>3</sup> API Number <b>30-007-20674</b>
<sup>4</sup> Property Code <b>24648</b>	<sup>5</sup> Property Name <b>Vermejo Park Ranch</b>	<sup>6</sup> Well No. <b>VPR A 237</b>
<sup>7</sup> Proposed Pool 1 <b>Stubblefield Canyon - Vermejo Gas</b>		<sup>10</sup> Proposed Pool 2

<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>I</b>	<b>14</b>	<b>31N</b>	<b>20E</b>	<b>I</b>	<b>1525</b>	<b>South</b>	<b>1133</b>	<b>East</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
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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/Air</b>	<sup>14</sup> Lease Type Code <b>P</b>	<sup>15</sup> Ground Level Elevation <b>7,951'</b>
<sup>16</sup> Multiple <b>Yes</b>	<sup>17</sup> Proposed Depth <b>2,400'</b>	<sup>18</sup> Formation <b>Vermejo</b>	<sup>19</sup> Contractor <b>Pense</b>	<sup>20</sup> Spud Date <b>February 1, 2006</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: Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input checked="" type="checkbox"/>				
Closed-Loop System <input type="checkbox"/>				

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

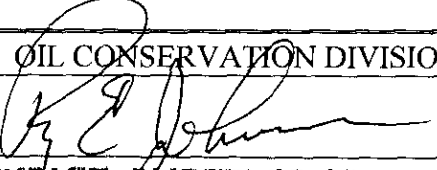
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
<b>11"</b>	<b>8 5/8"</b>	<b>23#</b>	<b>330'</b>	<b>100 sks</b>	<b>Surface</b>
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>15.5#</b>	<b>2,400'</b>	<b>375 sks</b>	<b>Surface</b>


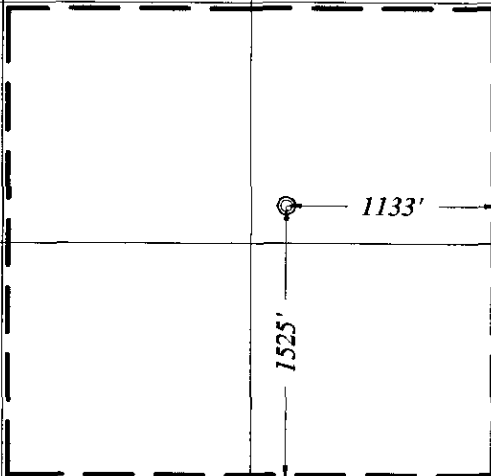
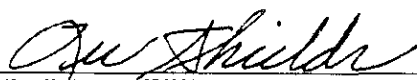
<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Drill 11" hole to +/- 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 to 2,400' 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 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. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: **Donald R. Lankford**  
Title: **Production Manager**  
E-mail Address: **don.lankford@elpaso.com**  
Date: **12/05/05**

OIL CONSERVATION DIVISION	
Approved by: 	
Title: <b>DISTRICT SUPERVISOR</b>	
Approval Date: <b>12/21/05</b>	Expiration Date: <b>12/21/06</b>
Conditions of Approval Attached <input type="checkbox"/>	

<div data-bbox="95 1016 118 1035">16</div>		<div data-bbox="1128 1016 1554 1050"><b>17 OPERATOR CERTIFICATION</b></div> <div data-bbox="1105 1054 1562 1117"><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></div> <div data-bbox="1105 1176 1172 1199">Signature</div> <div data-bbox="1114 1199 1398 1239"></div> <div data-bbox="1105 1253 1382 1276">Printed Name DONALD R. LANKFORD</div> <div data-bbox="1105 1331 1382 1354">Title PRODUCTION MANAGER</div> <div data-bbox="1105 1413 1151 1432">Date</div>
	<div data-bbox="448 1320 732 1402"><div>LAT/LONG NAD27 (DMS) N 36°55'06.9" W 104°46'37.6"</div></div> <div data-bbox="589 1495 1083 1967"></div>	<div data-bbox="1105 1495 1524 1528"><b>18 SURVEYOR CERTIFICATION</b></div> <div data-bbox="1105 1533 1570 1669"><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></div> <div data-bbox="1105 1682 1240 1707">November 16, 2005</div> <div data-bbox="1105 1722 1209 1745">Date of Survey</div> <div data-bbox="1105 1755 1398 1778">Signature and Seal of Professional Surveyor:</div> <div data-bbox="1135 1856 1554 1934"></div> <div data-bbox="1105 1923 1390 1948">Certificate Number NM LS NO. 5105</div>