

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

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

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

¹ Operator Name and Address El Paso Energy Raton, L.L.C. PO Box 190 Raton, NM 87740		² OGRID Number 180514
		³ API Number 30-007-20665
⁴ Property Code 24648	⁵ Property Name Vermejo Park Ranch	⁶ Well No. VPR A 228
⁹ Proposed Pool 1 Stubblefield Canyon - Vermejo Gas		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no. L	Section 8	Township 31N	Range 20E	Lot Idn L	Feet from the 1660	North/South line South	Feet from the 774	East/West line West	County Colfax
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⁸ 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

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary/Air	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 8,251'
¹⁶ Multiple Yes	¹⁷ Proposed Depth 2,750	¹⁸ Formation Vermejo	¹⁹ Contractor Pense	²⁰ Spud Date February 1, 2006
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: 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"/>				

²¹ 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 sks	Surface
7 7/8"	5 1/2"	15.5#	2,750'	375 sks	Surface

²² 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 2,750' 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.

²³ 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** *DR Lankford*

Title: **Production Manager**

E-mail Address: **don.lankford@elpaso.com**

Date: **12/05/05**

Phone:

OIL CONSERVATION DIVISION

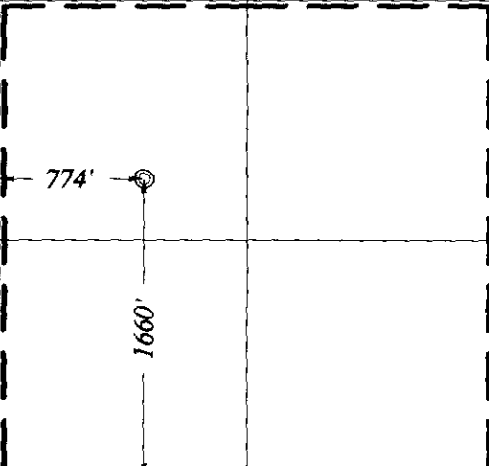
Approved by:

Title: **DISTRICT SUPERVISOR**

Approval Date: **12/21/05**

Expiration Date: **12/21/06**

Conditions of Approval Attached ☐

<div data-bbox="82 1014 105 1033">16</div> <div data-bbox="438 1341 724 1423"><p>LAT/LONG NAD27 (DMS) N 36°56'00.5" W 104°50'33.7"</p></div> <div data-bbox="82 1497 573 1959"><p>774'</p><p>1660'</p></div>	<div data-bbox="1094 1014 1547 1052"><p>17 OPERATOR CERTIFICATION</p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p></div> <div data-bbox="1094 1178 1547 1245"><p>Signature</p><p><i>DR Lankford</i></p></div> <div data-bbox="1094 1255 1547 1283"><p>Printed Name</p><p>DONALD R. LANKFORD</p></div> <div data-bbox="1094 1331 1547 1360"><p>Title</p><p>PRODUCTION MANAGER</p></div> <div data-bbox="1094 1409 1547 1438"><p>Date</p></div>
	<div data-bbox="1094 1497 1547 1535"><p>18 SURVEYOR CERTIFICATION</p><p>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.</p></div> <div data-bbox="1094 1680 1547 1709"><p>November 16, 2005</p></div> <div data-bbox="1094 1717 1547 1747"><p>Date of Survey</p></div> <div data-bbox="1094 1757 1547 1787"><p>Signature and Seal of Professional Surveyor:</p></div> <div data-bbox="1094 1854 1547 1950"><p><i>Jim Shields</i></p><p>Certificate Number</p><p>NM LSN. 5103</p></div>