

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, PLUGBACK, 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 30-007-20565
⁴ Property Code 25179	⁵ Property Name VERMEJO PARK RANCH (VPR)	⁶ Well No. VPR D 193
⁹ Proposed Pool 1 VERMEJO		¹⁰ Proposed Pool 2 RATON

⁷ Surface Location

UL or lot no. G	Section 23	Township 31N	Range 17E	Lot Idn G	Feet from the 1527'	North/South line North	Feet from the 1339'	East/West line East	County Colfax
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⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no. B	Section 23	Township 31N	Range 17E	Lot Idn B	Feet from the 50'	North/South line North	Feet from the 2590'	East/West line East	County Colfax
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Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary/Fluid	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 8,240'
¹⁶ Multiple Yes	¹⁷ Proposed Depth 1,208'' TVD 3,127' TMD	¹⁸ Formation Lower Vermejo	¹⁹ Contractor Encore	²⁰ Spud Date March 7, 2005
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: Rotary/Fluid Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input 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#	337'	100 sx	SURFACE
7 7/8"	5 1/2"	15.5#	1,422'	199 sx	SURFACE
4 3/4"	3 1/2"	9.3#	1,088' - 3,127' TMD	None	Liner

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. Set Whipstock in 5 1/2" casing at 1,078'.
2. Cut window in 5 1/2" casing at 1,072' - 1,078'.
3. Drill a 4 3/4" hole in a 130' (42°) Radius curve to a 1,919' horizontal lateral in the lower Vermejo coal (Top 1,208').
4. Run 3 1/2" liner (No Cement) the length of the lateral.
5. Retrieve Whipstock and RBP.
6. Clean out wellbore, run production equipment, and put well back on production.

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: William M. Ordemann <i>WMO</i>		OIL CONSERVATION DIVISION	
Title: Production Engineer		Approved by: <i>[Signature]</i>	
E-mail Address: bill.ordemann@elpaso.com		Title: DISTRICT SUPERVISOR	
Date: 02/24/05		Approval Date: 2/28/05 Expiration Date: 2/28/06	
Phone: (505) 445-6724		Conditions of Approval Attached <input type="checkbox"/>	

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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 August 15, 2000
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code 97046		³ Pool Name CASTLE ROCK PARK - VERMEJO GAS	
⁴ Property Code 25179		⁵ Property Name VERMEJO PARK RANCH			⁶ Well Number VPR'D-193
⁷ OGRID No. 180514		⁸ Operator Name EL PASO ENERGY RATON, L.L.C.			⁹ Elevation 8240'

¹⁰ Surface Location

UL or lot no. G	Section 23	Township T 31 N	Range R 17 E	Lot Idn G	Feet from the 1527	North/South line NORTH	Feet from the 1339	East/West line EAST	County COLFAX
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. B	Section 23	Township T 31 N	Range R 17 E	Lot Idn B	Feet from the 50	North/South line FNL	Feet from the 2590	East/West line FEL	County COLFAX
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¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

<div data-bbox="73 976 1071 1470"> <p>16</p> </div>	<div data-bbox="430 1501 714 1585"> <p>LAT/LONG NAD27 (DMS) N 36°54'36.8\"/> </p></div>	<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> <p><i>William M. Ordemann</i> Signature</p> <p>WILLIAM M. ORDEMANN Printed Name</p> <p>PRODUCTION ENGINEER Title</p> <p>2-24-05 Date</p>
		<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> <p>February 21, 2005 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: <i>[Signature]</i></p> <p>Certificate Number NM LS NO. 5103</p>