

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 30-007-20178
⁴ Property Code 25179	⁵ Property Name VERMEJO PARK RANCH (VPR)	
		⁶ Well No. VPR D 10
⁹ Proposed Pool 1 VERMEJO		¹⁰ Proposed Pool 2 RATON

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	6	30N	18E	P	1237'	South	1212'	East	Colfax

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
J	6	30N	18E	J	2590'	South	2590'	East	Colfax

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 8451'
¹⁶ Multiple Yes	¹⁷ Proposed Depth 1,692' TVD 3,620' TMD	¹⁸ Formation Upper Vermejo	¹⁹ Contractor Key	²⁰ Spud Date December 31, 2004
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"/>				

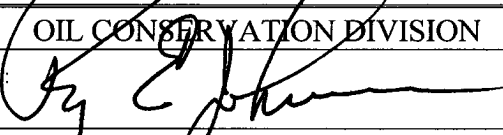
²¹ Proposed Casing and Cement Program

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#	1,997'	275 sx	SURFACE
4 3/4"	3 1/2"	9.3#	1,582' - 3,620' 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 RBP in 5 1/2" casing at 1,650'.
2. Set Whipstock in 5 1/2" casing at 1,562'.
3. Cut window in 5 1/2" casing at 1,556' - 1,562'.
4. Drill a 4 3/4" hole in a 130' (42°) Radius curve to a 1,900' horizontal lateral in the lower Vermejo coal (Top 1,692').
5. Run 3 1/2" liner (No Cement) the length of the lateral.
6. Retrieve Whipstock and RBP.
7. 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 ☐.

OIL CONSERVATION DIVISION	
Approved by: 	
Title: DISTRICT SUPERVISOR	
Approval Date: 11/18/04	Expiration Date: 11/18/05
Conditions of Approval Attached <input type="checkbox"/>	

Printed name: **William M. Ordemann** Title: **Production Engineer**E-mail Address: **bill.ordemann@elpaso.com**Date: **11/16/04**Phone: **(505) 445-6724**

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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'-10
⁷ OGRID No. 180514		⁸ Operator Name EL PASO ENERGY RATON, L.L.C.			⁹ Elevation 8451'

¹⁰ Surface Location


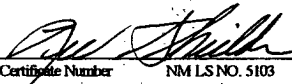
UL or lot no. P	Section 6	Township T 30 N	Range R 18 E	Lot Idn P	Feet from the 1237	North/South line SOUTH	Feet from the 1212	East/West line EAST	County COLFAX
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. J	Section 6	Township T 30 N	Range R 18 E	Lot Idn J	Feet from the 2590	North/South line FSL	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 style="position: relative; height: 400px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-style: dashed;"></div> <div style="position: absolute; top: 10%; left: 30%; transform: rotate(-45deg);"> Az: 314°28'32" - 1931' </div> <div style="position: absolute; top: 80%; left: 50%;"> 1212' </div> <div style="position: absolute; top: 80%; left: 45%;"> 1237' </div> </div>	¹⁷ 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 William M. ORDEHMAN Printed Name BILL ORDEHMAN Title PRODUCTION ENGINEER Date 11-16-09
	¹⁸ 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> November 15, 2004 Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number NM LS NO. 5103