

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 30-007-20391
⁴ Property Code 25179	⁵ Property Name VERMEJO PARK RANCH (VPR)	⁶ Well No. VPR D 106
⁷ Proposed Pool 1 VERMEJO		⁸ Proposed Pool 2 RATON

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	10	30N	17E	P	601	South	1254	East	Colfax

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
I	10	30N	17E	1	2590	South	50	East	Colfax

Additional Well Information

⁹ Work Type Code N	¹⁰ Well Type Code G	¹¹ Cable Rotary Rotary/Fluid	¹² Lease Type Code P	¹³ Ground Level Elevation 9,106'
¹⁴ Multiple Yes	¹⁵ Proposed Depth 2699' TVD 5024' MD	¹⁶ Formation Lower Vermejo	¹⁷ Contractor Ensign	¹⁸ Spud Date March 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 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"/>				

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11"	8 5/8"	23#	338'	125 sx	SURFACE
7 7/8"	5 1/2"	15.5#	1851'	225 sx	SURFACE
4 3/4"	3 1/2"	9.3#	2570'- 5024' MD	None	Liner

¹⁹ 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 2,570'.
2. Set Whip stock in 5 1/2" casing at 2,559'.
3. Cut window in 5 1/2" casing at 2,553'- 2,559'.
4. Drill a 4 3/4" hole in a 130' (42°) Radius curve to a 2,325' horizontal lateral in the lower Vermejo coal (Top 2,699' 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.

²⁰ 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 NMOC guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: **Donald R. Lankford**
Title: **Production Manager**
E-mail Address: **dou.lankford@elpaso.com**
Date: **02/06/06** Phone: **(505) 445-6724**

OIL CONSERVATION DIVISION

Approved by:

Title: **DISTRICT SUPERVISOR**

Approval Date: **2/10/06**

Expiration Date: **2/10/07**

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

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-106
⁷ OGRID No. 180514		⁸ Operator Name EL PASO ENERGY RATON, L.L.C.			⁹ Elevation 9106'

¹⁰ Surface Location

UL or lot no. P	Section 10	Township T 30 N	Range R 17 E	Lot Idn P	Feet from the 601	North/South line SOUTH	Feet from the 1254	East/West line EAST	County COLFAX
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. I	Section 10	Township T 30 N	Range R 17 E	Lot Idn I	Feet from the 2590	North/South line SOUTH	Feet from the 50	East/West line EAST	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="722 1318 1015 1402" data-label="Text"> <p>LAT/LONG NAD27 (DMS) N 36°50'56.4" W 105°06'57.4"</p> </div> <div data-bbox="256 1848 544 1927" data-label="Text"> <p>LAT/LONG NAD27 (DMS) N 36°50'36.8" W 105°07'12.2"</p> </div> <div data-bbox="560 1449 1063 1963" data-label="Diagram"> </div>	<div data-bbox="1125 1008 1498 1039" data-label="Section-Header"> <p>¹⁷ OPERATOR CERTIFICATION</p> </div> <div data-bbox="1075 1041 1549 1247" data-label="Text"> <p>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.</p> </div> <div data-bbox="1075 1299 1468 1360" data-label="Text"> <p>Signature <u>DR Lankford</u> Date <u>2/9/06</u></p> </div> <div data-bbox="1075 1367 1414 1425" data-label="Text"> <p>Printed Name <u>Don Lankford</u> Production Manager</p> </div>
	<div data-bbox="1075 1491 1516 1524" data-label="Section-Header"> <p>¹⁸ SURVEYOR CERTIFICATION</p> </div> <div data-bbox="1075 1528 1533 1663" data-label="Text"> <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="1075 1675 1198 1701" data-label="Text"> <p>February 2, 2006</p> </div> <div data-bbox="1075 1713 1183 1736" data-label="Text"> <p>Date of Survey</p> </div> <div data-bbox="1075 1747 1369 1772" data-label="Text"> <p>Signature and Seal of Professional Surveyor:</p> </div> <div data-bbox="1075 1856 1516 1948" data-label="Text"> <p><u>[Signature]</u> Certificate Number <u>NM LS NO. 5103</u></p> </div>