

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 Property Code 25179	⁴ Property Name VERMEJO PARK RANCH (VPR)	⁵ API Number 30-007-20175
⁶ Proposed Pool 1 VERMEJO		⁶ 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
A	8	30N	18E	A	1181	North	806	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
B	8	30N	18E	B	50	North	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 8,485'
¹⁶ Multiple Yes	¹⁷ Proposed Depth 1,820' TVD 3,830' TMD	¹⁸ Formation Upper Vermejo	¹⁹ Contractor Ensign	²⁰ Spud Date December 19, 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#	330'	80 sx	SURFACE
7 7/8"	5 1/2"	15.5#	2,183'	250 sx	SURFACE
4 3/4"	3 1/2"	9.3#	1,690' - 3,830' 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 1,750'.
2. Set Whip stock in 5 1/2" casing at 1,690'.
3. Cut window in 5 1/2" casing at 1,684' - 1690'.
4. Drill a 4 3/4" hole in a 130' (42°) Radius curve to a 2,010' horizontal lateral in the upper Vermejo coal (Top 1,820' 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.

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**

Title: **Production Engineer**

E-mail Address: **bill.ordemann@elpaso.com**

Date: **12/06/05**

Phone: **(505) 445-6724**

OIL CONSERVATION DIVISION

Approved by:

Title: **DISTRICT SUPERVISOR**

Approval Date: **12/9/05**

Expiration Date: **12/9/06**

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-7
⁷ OGRID No. 180514	⁸ Operator Name EL PASO ENERGY RATON, L.L.C.	⁹ Elevation 8485'

¹⁰ Surface Location

UL or lot no. A	Section 8	Township T 30 N	Range R 18 E	Lot Idn A	Feet from the 1181	North/South line NORTH	Feet from the 806	East/West line EAST	County COLFAX
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. B	Section 8	Township T 30 N	Range R 18 E	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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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

16				
			LAT/LONG NAD27 (DMS) N 36°51'11.5\"	W 105°02'49.1\"

¹⁷ OPERATOR CERTIFICATION

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.

William M. Ordemann 12-7-05
Signature Date

WILLIAM M. ORDEMANN
Printed Name

¹⁸ SURVEYOR CERTIFICATION

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.

December 2, 2005

Date of Survey

Signature and Seal of Professional Surveyor:

Jim Shields
Certificate Number NM LS NO. 5103