

District I
1625 N. French Dr., Hobbs, NM 88249
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

JAN 24 2005

OIL CONSERVATION

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 30.007.20575
⁴ Property Code 25179	⁵ Property Name Vermejo Park Ranch (VPR)	⁶ Well No. VPR D 172
⁹ Proposed Pool 1 Castle Rock Park - Vermejo		¹⁰ Proposed Pool 2

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
C	18	30N	19E	C	1278	North	1550	West	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

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 7,627'
¹⁶ Multiple Yes	¹⁷ Proposed Depth 2,175'	¹⁸ Formation Vermejo	¹⁹ Contractor Pense	²⁰ Spud Date April 1, 2005
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic ☐ _____mils thick Clay ☐ Pit Volume: _____bbls Drilling Method:				
Closed-Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11'	8 5/8"	24#	330'	100 sks	Surface
7 7/8"	5 1/2"	17#	2,175'	285 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 proposed depth 2,175' with air. Run open hole log.
4. Set 5 1/2" production casing to TD and cement to surface. Cement volumes calculated from open hole log.
5. Run Cement Bond Log.
6. 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**
Title: **Production Manager**
E-mail Address: **don.lankford@elpaso.com**
Date: **01/21/05** Phone: **(505) 445-6721**

OIL CONSERVATION DIVISION

Approved by:

Title: **DISTRICT SUPERVISOR**

Approval Date: **1/24/05**

Expiration Date: **1/24/06**

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 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'-172
⁷ OGRID No. 180514	⁸ Operator Name EL PASO ENERGY RATON, L.L.C.		⁹ Elevation 7627'

¹⁰ Surface Location

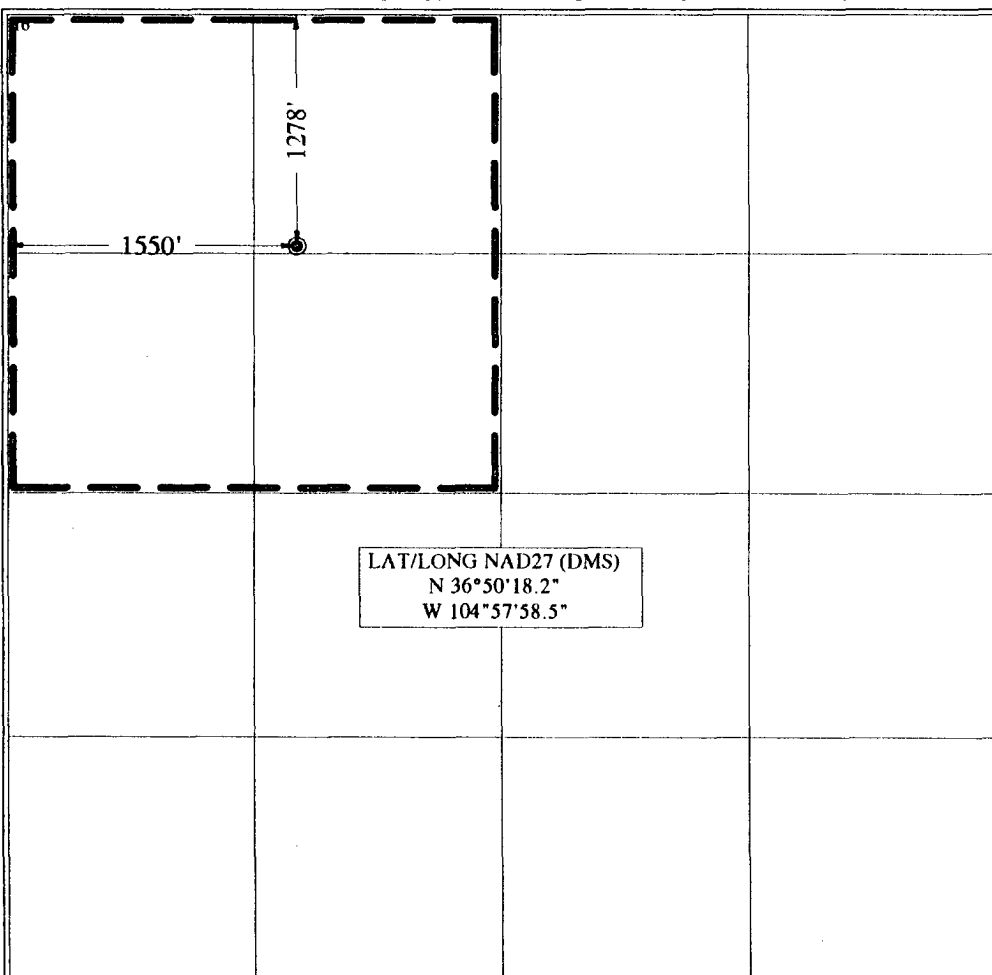
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	18	T 30 N	R 19 E	C	1278	NORTH	1550	WEST	COLFAX

¹¹ 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

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

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



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

DR Lankford

Printed Name DONALD R. LANKFORD

Title SENIOR PETROLIUM ENGINEER

Date

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.

January 10, 2005

Date of Survey

Signature and Seal of Professional Surveyor:

[Signature]
Certificate Number NM LSN 5103