

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

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

FEB 17 2004

OIL CONSERVATION
DIVISION

Form C-101

Revised June 10, 2003

Submit to appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

☐ 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 30-007-20514
³ Property Code 25179	⁵ Property Name Vermejo Park Ranch (VPR)	
		⁶ Well No. VPR D 152

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	26	31N	17E	A	1309	FNL	163	FEL	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	26	31N	17E	B	100	FNL	1756	FEL	Colfax

⁹ Proposed Pool 1

Castle Rock Park - Vermejo

¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary/Air	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 8186'
¹⁶ Multiple Yes	¹⁷ Proposed Depth 1400' (TVD) 3700' (TMD)	¹⁸ Formation Vermejo	¹⁹ Contractor Excell	²⁰ Spud Date March 1, 2004

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	47#	350'	150 sx	Surface
9 7/8"	7"	23#	1700' (TMD)	400 sx	Intermediate
6 1/8"	3 1/2"	12.9#	1600' - 3700' (TMD)	N/A	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.

1. Drill 14 3/4" diameter surface hole to 350'.
2. Set and cement to surface 11 3/4" surface casing at 350' with 150 sx. (100% excess).
3. Drill 9 7/8" diameter pilot hole to top of Trinidad at +/- 1500' for open hole logging.
4. Plug back to +/- 1100' to start 400' radius curve section.
5. Drill 9 7/8" diameter 400' radius curve section to lower Vermejo TVD +/- 1400'.
6. Set and cement to surface 7", 23# casing at bottom of curve section +/- 1700' TVD with 400 sx. (80% excess)
7. Drill 6 1/8" diameter horizontal section to target +/- 3700' TMD / +/- 1380' TVD
8. Run and set 3 1/2", 12.9# perforated liner in horizontal section.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *DR Lankford*Printed name: **Donald R. Lankford**Title: **Principal Engineer**

E-mail Address:

Date: **02-13-04**Phone: **(505) 445-6721**

OIL CONSERVATION DIVISION

Approved by: *[Signature]*Title: **DISTRICT SUPERVISOR**Approval Date: **2/23/04**Expiration Date: **2/23/05**

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'-152
⁷ OGRID No. 180514	⁸ Operator Name EL PASO ENERGY RATON, L.L.C.		⁹ Elevation 8186'

¹⁰ Surface Location

UL or lot no. A	Section 26	Township 31 N	Range 17 E	Lot Idn A	Feet from the 1309	North/South line NORTH	Feet from the 163	East/West line EAST	County COLFAX
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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

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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.

February 4, 2004

Date of Survey

Signature and Seal of Professional Surveyor:

James Shields
Certificate Number NM L.S. NO. 5103