

1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 South St Francis, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St Francis
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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. P.O. Box 190 Raton, NM 87740		² OGRID Number 180514
		³ API Number 30-007-20530
³ Property Code 25180	⁵ Property Name Vermejo Park Ranch	⁶ Well No. VPR B 78

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	32	30N	19E	A	892	FNL	630	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

⁹ Proposed Pool 1

Van Bremmer - 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 7,950' (GL)
¹⁶ Multiple Yes	¹⁷ Proposed Depth 2,800'	¹⁸ Formation Vermejo Vermejo	¹⁹ Contractor Not Available	²⁰ Spud Date May 30, 2004

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'	100 sx.	Surface
7 7/8"	5 1/2"	15.50#	2,800'	280 sx.	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 2,800' with air. Run open hole logs.
4. Set 5 1/2" production casing to TD and cement to surface. Cement volumes calculated from open hole logs.
5. 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.

Signature: *DR Lankford*

Printed name: Donald R. Lankford

Title: Production Manager

Date: 04/12/04

Phone: (505) 445- 6721

OIL CONSERVATION DIVISION

Approved by: *[Signature]*

Title: **DISTRICT SUPERVISOR**

Approval Date: **4/13/04**

Expiration Date: **4/13/05**

Conditions of Approval:

Attached ☐

1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 97047	³ Pool Name VAN BREMMER CANYON - VERMEJO GAS	
⁴ Property Code 25180	⁵ Property Name VERMEJO PARK RANCH		⁶ Well Number VPR'B'-78	
⁷ OGRID No. 180514	⁸ Operator Name EL PASO ENERGY RATON, L.L.C.		⁹ Elevation 7950' ±	

¹⁰ Surface Location

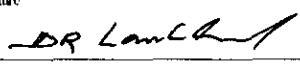

UL or lot no. A	Section 32	Township 30 N	Range 19 E	Lot 1dn A	Feet from the 892	North/South line NORTH	Feet from the 630	East/West line EAST	County COLFAX
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
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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										<div><p>¹⁷ OPERATOR CERTIFICATION</p><p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p><p>Signature: </p><p>Printed Name: DONALD R. LANKFORD</p><p>Title: SENIOR PETROLEUM ENGINEER</p><p>Date:</p></div> <div><p>¹⁸ SURVEYOR CERTIFICATION</p><p><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></p><p>April 8, 2004</p><p>Date of Survey</p><p>Signature and Seal of Professional Surveyor: </p><p>Certificate Number: NM LSR-5103</p></div>