

District I
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, 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 7, 1999
OCT 13 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. P.O. Box 190 Raton, NM 87740				² OGRID Number 180514	
				³ API Number 30-007-20449	
³ Property Code 24648		⁵ Property Name Vermejo Park Ranch (VPR)			⁶ Well No. VPR A-146

⁷ Surface Location									
UL or lot no. K	Section 27	Township 32N	Range 19E	Lot Idn K	Feet from the 1782	North/South line South	Feet from the 1331	East/West line West	County 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 Vermejo					¹⁰ Proposed Pool 2 Raton				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary ROTARY/AIR	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 8340' (GL)
¹⁶ Multiple No	¹⁷ Proposed Depth 2,950'	¹⁸ Formation Trinidad	¹⁹ Contractor Pense Drilling	²⁰ Spud Date January 2, 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#	2,950'	295 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.

- Drill 11" hole to +/- 330' with air.
- Set 8 5/8" surface casing and cement to surface with 100 sks of cement.
- Drill 7 7/8" hole to 2,950' with air. Run open hole logs.
- Set 5 1/2" production casing to TD and cement to surface. Cement volumes calculated from open hole logs.
- Perforate and stimulate Vermejo and/or Raton Coals. Clean out wellbore 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		OIL CONSERVATION DIVISION Approved by: [Signature]	
Printed name: Donald R. Lankford		Title: DISTRICT SUPERVISOR	
Title: Principal Engineer		Approval Date: 10/6/03	Expiration Date: 10/6/04
Date: 10-01-03	Phone: (505) 445-6721	Conditions of Approval: Attached <input type="checkbox"/>	

District I
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 96970		3 Pool Name STUBBLEFIELD CANYON - VERMEJO GAS	
4 Property Code 24648		5 Property Name VERMEJO PARK RANCH			6 Well Number VPR'A'-146
7 OGRID No. 180514		8 Operator Name EL PASO ENERGY RATON, L.L.C.			9 Elevation 8340' ±

10 Surface Location

UL or lot no. K	Section 27	Township 32 N	Range 19 E	Lot Idn K	Feet from the 1782	North/South line SOUTH	Feet from the 1331	East/West line WEST	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

16				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <u>DR Lankford</u> 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. August 29, 2003 Date of Survey Signature and Seal of Professional Surveyor: <u>[Signature]</u> Certificate Number NM L.S. NO. 5103			
							