

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
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised March 17, 1999

Oil Conservation Division
1220 South St. Frances
Santa Fe, NM 87505

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 30-007-20378
³ Property Code 27521	⁵ Property Name Vermejo Park Ranch (VPR)	⁶ Well No. VPR E-99

⁷ Surface Location									
UL or lot no. H	Section 5	Township 31N	Range 19E	Lot Idn H	Feet from the 1391.9'	North/South line North	Feet from the 885.1'	East/West line East	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 Glorieta					¹⁰ Proposed Pool 2 Entrada				

¹¹ Work Type Code N	¹² Well Type Code S	¹³ Cable/Rotary ROTARY/AIR	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 8592.6' (GL)
¹⁶ Multiple No	¹⁷ Proposed Depth 7,735'	¹⁸ Formation Sangre de Cristo	¹⁹ Contractor Key Energy	²⁰ Spud Date August 25, 2002

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
18 1/2"	13 3/8"	48#	328'	375 sx.	Surface
12 3/8"	9 5/8"	40#	2698'	724 sx.	Surface
8 3/4"	7"	23#	6483'	364 sx.	1300'
6 1/4"	5"	18#	6345' - 6824'	100 sx.	6345'

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. APPLICATION TO DEEPEN

- Drill 18 1/2" hole to +/- 328' with water. Set 13 3/8" surface casing and cement to surface with 375 sx. of cement. (Existing)
- Drill 12 3/8" hole to 2698' with air. Set 9 5/8" intermediate casing to 2698'. Cement with 724 sx. (Existing)
- Drill 8 3/4" hole to 6483'. Set 7" intermediate casing. Cement with 364 sx. (Existing)
- Drill 6 1/8" hole to 6824'. Set 5", 18# liner from 6345' to 6824'. Cement with 100 sx. (Existing)
- Plan to deepen well to proposed TD 7735' and complete in Entrada/Glorieta as water disposal well.

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: Petroleum Engineer

Date: 08/26/02

Phone: (505) 445-6721

OIL CONSERVATION DIVISION

Approved by

Title: DISTRICT SUPERVISOR

Approval Date: 8/27/02

Expiration Date: 8/27/03

Conditions of Approval:

Attached ☐

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 RATON - VERMEJO GAS	
⁴ Property Code 27521		⁵ Property Name VERMEJO PARK RANCH			⁶ Well Number VPR 'E' - 99
⁷ OGRID No. 180514		⁸ Operator Name EL PASO ENERGY RATON, L.L.C.			⁹ Elevation 8592.6'

¹⁰ Surface Location									
UL or lot no. H	Section 5	Township T 31 N	Range R 19 E	Lot Idn H	Feet from the 1391.9	North/South line NORTH	Feet from the 885.1	East/West line EAST	County 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

¹⁶				¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature <u>DR LANKFORD</u> Printed Name DONALD R. LANKFORD Title SENIOR PETROLEUM ENGINEER Date ¹⁸ SURVEYOR CERTIFICATION <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> JULY 15, 2002 Date of Survey Signature and Seal of Professional Surveyor: <u>[Signature]</u> Certificate Number NMLS NO. 5103	
1391.9					
885.1					