

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

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
H	5	31N	19E	H	1391.9'	North	885.1'	East	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 Dakota (wildcat)					¹⁰ Proposed Pool 2 Niobrara				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary ROTARY/AIR	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 8592.6' (GL)
¹⁶ Multiple Yes	¹⁷ Proposed Depth 7,000'	¹⁸ Formation Entrada	¹⁹ Contractor Unit Drilling	²⁰ Spud Date July 22, 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#	350'	100 sx.	Surface
12 1/4"	9 5/8"	36#	2750'	300 sx.	Surface
8 3/4"	7"	23#	6450'	770 sx.	Surface
6 1/4"	5"	18#	6350'-7000'	120 sx.	6350'

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 18 1/2" hole to +/- 350' with water. Set 13 3/8" surface casing and cement to surface with 100 sx. of cement.
2. Drill 12 1/4" hole to 6450' with air. Set 9 5/8" intermediate casing to 2750'. Cement volumes calculated from open hole logs.
3. Drill 8 3/4" hole to 6450'. Set 7" intermediate casing. Cement volumes calculated from open hole logs.
4. Drill 6 1/4" hole to 7000'. Set 5 1/2" slotted liner from 6350' to 7000'. Cement volumes calculated from open hole logs.
5. Complete the Niobrara (+/-4900) and/or Dakota (+/-6650) formations. Isolate with packers and dual string 2 3/8" tubing as dual completion test.

TIGHT HOLE

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>DR Lankford</i>		Approved by: <i>[Signature]</i>	
Printed name: Donald R. Lankford		Title: DISTRICT SUPERVISOR	
Title: Petroleum Engineer		Approval Date: 7/18/02 Expiration Date: 7/18/03	
Date: 07-17-02	Phone: (505) 445-6721	Conditions of Approval:	
		Attached <input type="checkbox"/>	

OIL CONSERVATION COMMISSION TO BE NOTIFIED
WITHIN 24 HOURS OF BEGINNING OPERATIONS

COLLECT AND LOG DATA FOR
NEW MEXICO BUREAU OF MINES, SOCORRO
AT AT LEAST TEN FOOT INTERVALS

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
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1000 Rio Brazos Rd., Aztec, NM 87410
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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
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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				1391.9	● 885.1	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 DR LANKFORD	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:	
						Certificate Number NM LS NO. 5103	