

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

Oil Conservation Division
2040 South Pacheco
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- 20684
³ Property Code 25179	⁵ Property Name Vermejo Park Ranch (VPR)	⁶ Well No. VPR D 306

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
M	31	31N	18E	M	730	SOUTH	921	WEST	Colfax

⁸ Proposed Bottom Hole Locations 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
H	36	31N	17E	H	2011	FNL	754	FEL	Colfax
D	31	31N	18E	D	1006	FNL	503	FWL	Colfax
F	31	31N	18E	F	1509	FNL	2011	FWL	Colfax

⁹ Proposed Pool 1 Vermejo	¹⁰ Proposed Pool 2 Raton
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¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary ROTARY/MUD MOTOR	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 8569' (GL)
¹⁶ Multiple Yes	¹⁷ Proposed Depth 1902' TVD	¹⁸ Formation Trinidad	¹⁹ Contractor Not Available	²⁰ Spud Date January 01, 2006

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8"	36#	335'	150 sx.	SURFACE
8 3/4"	7	23#	2100' TVD	450 sx.	SURFACE
6 1/8"	4 1/2"	10.5#	5400' MD	NA	NA
6 1/8"	4 1/2"	10.5#	5400' MD	NA	NA
6 1/8"	4 1/2"	10.5#	5400' MD	NA	NA

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 12 1/4" hole to +/- 335' with air.
2. Set 9 5/8" surface casing and cement to surface with 150 sks of cement.
3. Drill 8 3/4" hole to 2100' with air.
4. Set 7" production casing to TD and cement to surface.
5. Drill (3) - horizontal laterals with 6 1/8" bit. Set 4 1/2" perforated liners in horizontal liners.

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: <u>DR Lankford</u>			
Printed name: Donald R. Lankford		Approved by: <u>[Signature]</u>	
Title: Production Manager		Title: DISTRICT SUPERVISOR	
Date: 12/29/2005		Approval Date: 1/17/06	Expiration Date: 1/17/07
Phone: (505) 445-6721		Conditions of Approval:	
		Attached ☐	

16 SW4 NW4 SW4 NW4	SE4 LAT/LONG NAD27 (DMS) N 36°52'44.3" W 105°04'56.3" LAT/LONG NAD27 (DMS) N 36°52'22.4" W 105°04'35.7"	SW4 NE4 SE4 NW4	SE4 NE4 SE4 NE4
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(Note: The survey diagram shows a well location defined by bearings and distances from section corners. Key measurements include: 503', 1006', 1509', 2011', 754', 327.01, 108.20, 2041', 921', 730', and VPR TD = 18. Bearings are given in DMS format.)

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: DR Lankford Date: 12/27/05

Printed Name: Don Lankford
Production Manager:

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.

December 21, 2005

Date of Survey: _____

Signature and Seal of Professional Surveyor:
[Signature]
 Certificate Number _____ NM LS NO. 5103