District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV

State of New Mexico Energy Minerals and Natural Resources

Form C-101 May 27, 2004

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505

Submit to	appropriate	District	Office

☐ AMENDED REPORT

<u>District IV</u> 1220 S. St. Fr	ancis Dr., S	Santa Fe, NM	1 87505		Santa	Fe, NM 87	505		∐ AN	MENDED REPORT	
APPL	ICATI	ON FOI	R PERMIT	TO DE	RILL, RE-	ENTER, I	EEPE	N, PLUGBA	CK, OR AD	D A ZONE	
			Operator Name						OGRID Numbe	r	
		EL PA	SO ENERGY PO BOX	X 190	•	180514 3 API Number					
			RATON, NI	M 87740)	30-007-20562					
3 Pro	operty Code				Property	Name			° We	II No.	
	25179		···	VERM	<u>IEJO PARK</u>	RANCH (V	PR)			D 190	
		y	Proposed Pool 1					™ Prop	osed Pool 2		
			VERMEJO					R	ATON		
					⁷ Surface	Location					
UL or lot no.	Section 14	Township 31N	Range 17E	Lot Io	Lot Idn Feet from t		/South line	Feet from the 258'	East/West line East	County Colfax	
	 	I	8 Propos	sed Botto	om Hole Loca	tion If Differ	ent From	Surface			
UL or lot no.	Section	Township	Range	Lot lo			/South line	Feet from the	East/West line	County	
J	14	31N	17E	J	259		outh	2590'	East	Colfax	
ll size	- O.I		12 22 27 6		ditional We	ell Informa e/Rotary		4, 7, 0,1	I Ko		
	Type Code N		12 Well Type Coo	ie		e/Rotary y/Fluid		⁴ Lease Type Code P	" Groi	und Level Elevation 8,116'	
4	Iultiple		17 Proposed Dept		18 For	mation	1	19 Contractor		20 Spud Date	
Depth to Grou	es	1,0	27' TVD 3,718		Lower trom nearest fre	Vermejo				pril 4, 2005	
				<u> </u>					······································		
	: Synthetic ed-Loop Sys		nils thick Clay	∐ Pit Vo	olume:bbl		Drillin <u>g Me</u> Fresh Wate	thod: Rotary/F r ☑ Brine ☐ Di		Gas/Air	
			21	Propos	ed Casing a	and Cemen	t Progra	ım			
Hole S	ize	Cas	ing Size	Casing	weight/foot	Setting	Depth	Sacks of C	ement	Estimated TOC	
11'	,	8	5/8"		23#	34	7'	100 s	SX.	SURFACE	
7 7/8	3" 	5	; ½"	1	15.5#		1,290'		SX .	SURFACE	
4 3/4	,,,	3	3 1/2"	9.3#		907'- 3,7	907'- 3,718' TMD		e	Liner	
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 Set Whipstock in 5 ½" casing at 897'. 2. Cut window in 5 ½" casing at 891' – 897'. 3. Drill a 4 ¾" hole in a 130' (42°) Radius curve to a 2,691' horizontal lateral in the lower Vermejo coal (Top 1,027'). 4. Run 3 ½" liner (No Cement) the length of the lateral. 5. Retrieve Whipstock and RBP. 6. Clean out wellbore, run production equipment, and put well back on production.											
						OIL CONSERVATION DIVISION					
constructed :	best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines \square , a general permit \square , or an (attached) alternative OCD-approved plan \square .						Approved by:				
Printed name	Will	iam M. O	rdemann)mo		Title: DISTRICT SUPERVISOR					
Title:	Proc	luction E	 	,		Approval Da			expiration Date:	1/28/06	
E-mail Addre	ss: bill.c	ordemann@e	lpaso.com					-	<u> </u>	f	
Date: 02/2	Date: 02/24/05 Phone: (505) 445-6724					Conditions of	Approval A	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

¹² Dedicated Acres

1220 S. St. Francis Dr., Santa Fe, NM 87505

T 31 N

¹³ Joint or Infill

R 17 E

Consolidation Code

Order No.

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

COLFAX

WELL LOCATION AND ACREAGE DEDICATION PLAT

7	API Numbe	r		97046							
								⁶ Well Number VPR'D'-190			
OGRID 1 180514				Operator Name EL PASO ENERGY RATON, L.L.C.					⁷ Elevation 8116 ⁷		
					¹⁰ Surface	Location	•	•			
UL or lot no. P	Section 14	Township T 31 N	Range R 17 E	Lot Idn P	Feet from the 1243	North/South line SOUTH	Feet from the 258	East/West line EAST	County COLFAX		
	L		¹¹ Bc	ttom Ho	le Location I	f Different From	m Surface				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West lin	County		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A

FSL

2590

FEL

	11011-31A11DA	KD ONLL HAS BEEN	APPROVED BITTE	DIVIDION
16		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		¹⁷ OPERATOR CERTIFICATION
				I hereby certify that the information contained herein is true and
				complete to the best of my knowledge and belief.
				Signature WILLIAM M OKDEMANN
	,			Signature
				WILLIAM M ORDEMANN
				Printed Name WILLIAM ORDEMANN
;				Title PRODUCTION ENGINEER
	LAT/LONG N			2-24-05
	N 36°55 W 105°0			Date
•	1			¹⁸ SURVEYOR CERTIFICATION
		Ab.	1	I hereby certify that the well location shown on this plat was
		```. <del>``</del>	1	plotted from field notes of actual surveys made by me or under my
		N. 299. 51 20.	260	supervision, and that the same is true and correct to the best of my
				belief.
			258'	February 21,2005
				Date of Survey
	·			Signature and Seal of Professional Surveyor:
	·		- 1243'	Autheld
				Certificate Number NM LS NO. 5103

#### <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

#### State of New Mexico **Energy Minerals and Natural Resources**

May 27, 2004 Submit to appropriate District Office

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

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Form C-101

APPL	ICATI	ON FOR	R PERMIT	TO D	RILL, RE-	ENTER,	DEEPE	N, PLUGBA				
' Operator Name and Address									OGRID Number			
EL PASO ENERGY RATON, L.L.C. PO BOX 190 RATON, NM 87740									180514 3 API Number			
		RATON, N			30-007-20562							
	operty Code			VEDA	Property		/DD\				li No.	
	<u> 25179</u>	9]	Proposed Pool 1	VER	<u>MEJO PARK</u>	RANCHI	PR)	10 Prope	osed Pool 2		D 190	
VERMEJO								R.A	TON	_		
					⁷ Surface	Location						
UL or lot no.	Section 14	Township 31N	Range 17E	Lot <b>F</b>			h/South line South	Feet from the 258'	East/Wes <b>Eas</b>		County <b>Colfax</b>	
			⁸ Propo	sed Bott	om Hole Loca	tion If Diffe	ent From	Surface				
UL or lot no.	Section	Township	Range	Lot			h/South line	Feet from the	East/Wes		County	
<u>J</u>	14	31N	17E	J	ditional We		South tion	2590'	Eas	<u> </u>	Colfax	
1	Type Code		12 Well Type Co		13 Cable	e/Rotary y/ <b>Fluid</b>		⁴ Lease Type Code <b>P</b>		15 Grou	and Level Elevation	
	lultiple	70	17 Proposed Dep		¹⁸ For	mation		19 Contractor			²⁰ Spud Date	
Depth to Grou	res indwater	/01	0' TVD 3,451		te from nearest free	Vermejo sh water well		Encore Distance from	n nearest su		ril 18, 2005	
Pit: Liner	: Synthetic	m	ils thick Clay	☐ Pit V	olume:bbl	s	Drilling Me	thod: Rotary/FI	uid			
Close	d-Loop Sys	tem 🔲	-				Fresh Wate	r 🛛 Brine 🗌 Die	sel/Oil-bas	ed 🔲	Gas/Air 🔲	
			21	Propos	sed Casing a	nd Cemer	t Progra	m		_		
Hole S	ize	Casi	ng Size	Casin	g weight/foot	Setting Depth Sacks of Cen		ment Estimated TOC				
11'		8	5/8"	23#		347'		100 sx			SURFACE	
7 7/8	3"	5	1/2"	15.5#		1,290'		181 sx			SURFACE	
4 3/4			1/2"	9.3#		640' – 3,451' TMD		None			Liner	
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. Set RBP in 5 ½" casing at 700'.  2. Set Whipstock in 5 ½" casing at 630'.  3. Cut window in 5 ½" casing at 624' – 630'.  4. Drill a 4 ¾" hole in a 130' (42°) Radius curve to a 2,691' horizontal lateral in the upper Vermejo coal (Top 760').  5. Run 3 ½" liner (No Cement) the length of the lateral.  6. Retrieve Whipstock and RBP.  7. Clean out wellbore, run production equipment, and put well back on production.												
	²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be						OIL CONSERVATION DIVISION					
constructed	according t	o NMOCD (	guidelines 🔲, a oved plan 🔲.			Approved by:						
Printed name	Willi	iam M. O	rdemann	WM	00	Title: DISTRICT SUPERVISOR						
Title:	Prod	luction En	gineer			Approval Da	te: 2/28	,	epiration D		2/28/06	
E-mail Addre	ss: bill.o	rdemann@el	paso.com								,	
Date: 02/24/05 Phone: (505) 445-6724					Conditions of Approval Attached							

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Energy, Minerals & Natural Resources Department

#### OIL CONSERVATION DIVISION

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#### WELL LOCATION AND ACREAGE DEDICATION PLAT ¹ API Number ² Pool Code CASTLE ROCK PARK - VERMEJO GAS (UPPER VERMEJO) 97046 Well Number Property Code 5 Property Name VPR'D'-190 VERMEJO PARK RANCH 25179 OGRID No. Operator Name * Elevation EL PASO ENERGY RATON, L.L.C. 180514 8116' ¹⁰ Surface Location North/South line East/West line County Feet from the Feet from the UL or lot no. Township Range Lot Idn Section SOUTH EAST COLFAX R 17 E 258 P T 31 N 1243 11 Bottom Hole Location If Different From Surface Lot Idn Feet from the North/South line Feet from the East/West lin County UL or lot no. Section Township Range R 17 E 2590 FSL 2590 FEL COLFAX ¹² Dedicated Acres Joint or Infill "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

	NON-STANDA	RD 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  Signature  WILLIAM M ORDEMANN
				Signature
				WILLIAM M ORDEMANN
				Printed Name WILLIAM ORDEMANN
				Title PRODUCTION ENGINEER
	LAT/LONG NA			2-24-05
	N 36°55 W 105°05			Date
		<u> </u>		¹⁸ SURVEYOR CERTIFICATION
		As.		I hereby certify that the well location shown on this plat was
		A. 239° \$1'20°		plotted from field notes of actual surveys made by me or under my
		1 30.	200	supervision, and that the same is true and correct to the best of my
				belief.
			258'	February 21,2005
1				Date of Survey
				Signature and Seal of Professional Surveyor:
		1	1243'	
			12	3. Ab. 19
				Certificate Number NM LS NO. 5103
		سه جيسه حسم		