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

State of New Mexico Energy Minerals and Natural Resources

, 'a

Form C-101 May 27, 2004

Oil Conservation Division

Submit to appropriate District Office

☐ AMENDED REPORT

1220 S. St. Fr					isanta Fel N			_	D) 761/2	
APPL	<u>ICATI</u>	ON FOR	R PERMIT	TO DRILI	L, RE-ENTI	CR, DEEPE	N, PLUGBA	CK, OR AD	D A ZONE	
}						ENTER, DEEPEN, PLUGBACK, OR ADD AN 1 2005 OGRID Number 180514		,		
El Paso Energy Raton, L.L.C. PO Box 190 Oil C						ation Divisio	n Zo	API Number		
			Raton, NM			Francis Drive	$\frac{1}{2}$	07-20	691	
]	rty Code					Nem Fe, NM 87505 Well No.				
24	648	<u>_</u>	Proposed Pool 1	<u>Vern</u>	<u>nejo Park Ran</u>	ch	W Prop	VPR A 243		
}			rroposeu room			³⁰ Proposed Pool 2				
<u> </u>	Sti	ubblefield	Canyon – Ver			<u></u>				
				⁷ S	Surface Locat	ion				
UL or lot no.	Section	Lownship	Range	Lot Idn	Feet from the	North South line	Feet from the	East West line	County	
J	13	31N	19E	J	1365	South	1641	East	Colfax	
L	<u></u>	 -	8 Propos	sed Bottom Ho	ole 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	
	1	1	L	Additio	nal Well Info	rmation	1	<u> </u>		
Work	Type Code		12 Well Type Cod		Cable Rotary					
Ĺ	N		G		Rotary/Air	Rotary/Air		` `	8,333'	
	lultiple / es	}	Proposed Depth 2,800°		¹⁸ Formation Vermejo		Pense		²⁰ Spud Date March 15, 2006	
Depth to Grou						earest fresh water well		n nearest surface w		
Pit: Liner	Synthetic	<u> </u>	nils thick Clay	Pit Volume:	bbls	Drilling Me				
] _	ed-Loop Sys			_ ,		Fresh Wate		esel/Oil-based	Gas/Air ⊠	
L			21	Proposed C	Casing and Co					
Hole S	lize	Cas	ing Size	Casing weigh		Setting Depth Sacks of Cement Estimated TOC				
11'	11"		5/8"	23#		330'	100 si	(S	Surface	
7 7/8	7 7/8"		1/2"	15.5#		2,800'	400 sl	(S	Surface	
			f this application gram, if any. Use			ve the data on the	present productive z	one and proposed	new productive zone.	
1. Drill 1	1" hole t	to +/- 330°	with air.							
2. Set 8	5/8" surf	face casing	and cement t	o surface wit	h 100 sks of c	ement.				
3. Drill 77/8" hole to 2,800' with air. Run open hole logs.										
4. Set 5 1/2" production casing to TD and cement to surface. Cement volumes calculated from open hole logs.										
5. Perforate and stimulate the Vermejo and/or Raton Coals. Clean out well bore and run production equipment.										
, and the production equipment										
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										
constructed according to NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .								_		
Printed name: Donald R. Lankford DR Lanch						Title: DISTRICT SUPERVISOR				
Title: Production Manager						Approval Date: 1/13/06 Expiration Date: 1/13/0>				
E-mail Addre					 		<u> </u>	<u>· </u>		
Date: 01/09/06 Phone:					Condi	ions 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

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.

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Santa Fe, NM 87505

			111111111111111111111111111111111111111	0 041210	11,111,122,110,10				
17	•	² Pool Code 96970			³ Pool Name STUBBLEFIELD CANYON RATON - VERMEJO GAS				
⁴ Property (24648		⁵ Property Name VERMEJO PARK RANCH							
OGRID 1 180514				E		⁹ Elevation 8333 ¹			
¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	13	T 31 N	R 19 E	1	1365	SOUTH	1641	EAST	COLFAX
		L	11 Bo	ottom Ho	le Location Ij	f Different From	n Surface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West lin	County
Dedicated Acres	is Joint of	r Infill MC	Consolidation	Code 15 Or	der 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

I hereby certify that the lightreadien contained hereby is use and complete to the best of my knowledge and boild, and that this cognition either come a working interest or minimated minimate interest in the land that the location has been in the location or has a right to delil this well at this location parameter to a computation or has a right to delil this well as this location parameter to a computation parameter or a computation parameter to a voluntary positing agreement or a computation parameter to a voluntary positing agreement or a computation position					1
the best of my involving tentral to the draw organization either own a working tentral or the land including the proposal bestim hole consistent or has a right to that this organization parament to a contract with an owner of tent an internal or working internal, or to a webstury pooling contract with an owner of tent a mineral or working internal, or to a webstury pooling contract with an owner of tent a mineral or working internal, or to a webstury pooling contract where horselfore enternal by the division. Segretare Date DR Lankford Production Manager 18 SURVEYOR CERTIFICATION I heartly 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 better, and that the same is true and correct to the best of my supervision, and that the same is true and correct to the best of my Segretare and Seal of Professional Surveyor: Segretare and Seal of Professional Surveyor:	16				17 OPERATOR CERTIFICATION
working interest or unlessed mineral interest in the land including the progenal bottom hole location on has a right to etill this well at this location parament to a contract with an owner of such a mineral or working interest, or to a voluntum pooling agricument or a computatory pooling order heartrigines entered by the division. IAT/LONG NAD27 (DMS)					I hereby certify that the information contained herein is true and complete to
tooten had location or has a right to drill this well at this location pursues to a contract with an owner of such a mineral or working interest, or to a voluntary positing agreement or a compulsory positing order hereafore entered by the division. Segrature Segrature Date N 36°55'05, 3." W 104°52'08.4' Printed North Thankford Production Manager 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field votes of actual surveys made by me or under my supervision, and that the same to sue and correct to the best of my belief. December 15, 2005 Date of survey Signature and Seal of Professional Surveyar:					the best of my knowledge and belief, and that this organization either owns a
a contract with an owner of such a mineral or working interest, or to a voluntary positing agreement or a compulsiony positing certain horselfore entered by the division. Significant Significant Significant Date Date Date 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 belling. December 15, 2005 Date of Survey Significant surveys: Significant surveys: Significant with an owner of such a mineral or working interest, or to a voluntary position of a catual surveys made by me or under my supervision, and that the same is true and correct to the best of my belling. December 15, 2005 Date of Survey Significant surveys made by me or under my supervision, and that the same is stree and correct to the best of my belling.					working interest or unleased mineral interest in the land including the proposed
voluntary pooling agreement or a computatory pooling order heredgive entered by the division. ILAT/LONG NAD27 (DMS) N. 36°55'05.3" W 104°52'08.4" Is 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 bellef. Date of Survey Signature and Seal of Professional Surveyor:					bottom hole location or has a right to drill this well at this location pursuant to
I.ATLONG NAD27 (DMS) N 36*55*05.3* W 104*52*08.4* ISSURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plated from field water 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 15, 2005 Date of Survey Signature and Seal of Professional Surveyor:	₩				a contract with an owner of such a mineral or working interest, or to a
LATLONG NAD27 (DMS) N 36°55'08.3" Private New 104°52'08.4" Private New 104°52'08.4" 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 bellet. December 15, 2005 Date of Sarvey Syntage and Seal of Professional Sarveyar:		i			voluntary pooling agreement or a compulsory pooling order heretofore entered
I.AT/LONG NAD27 (DMS) N 36*55*05.3" W 104*52*08.4" ISSURVEYOR 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 15, 2005 Date of Survey Signature and Seal of Professional Surveyor:					by the division.
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I.AT/LONG NAD27 (DMS) N 36*55*05.3" W 104*52*08.4" ISSURVEYOR 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 15, 2005 Date of Survey Signature and Seal of Professional Surveyor:					Serviture Date
Printed Marke of 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 thus the same is true and correct to the best of my belief. December 15, 2005 Date of Survey Signature and Seal of Professional Surveyor:		LAT/LONG NA	ID27 (DMS)		DR Lanche 1/9/06
Is 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 thus the same is true and correct to the best of my belief. December 15, 2005 Date of Survey Signature and Seal of Professional Surveyor:	1	N 36°55	05.3"		
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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 15, 2005 Date of Survey Signature and Seal of Professional Surveyor:					Manager
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 15, 2005 Date of Survey Signature and Seal of Professional Surveyor:					
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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 15, 2005 Date of Survey Signature and Seal of Professional Surveyor:					li .
supervision, and that the same is true and correct to the best of my belief. December 15, 2005 Date of Survey Signature and Seal of Professional Surveyor:	 		d		I hereby certify that the well location shown on this plat was
belief. December 15, 2005 Date of Survey Signature and Seal of Professional Surveyor: SE Survey Survey Surveyor:		1			plotted from field notes of actual surveys made by me or under my
December 15, 2005 Date of Survey Signature and Seal of Professional Surveyor: SE Surveyor:			1		supervision, and that the same is true and correct to the best of my
December 15, 2005 Date of Survey Signature and Seal of Professional Surveyor: SE Surveyor:				l t	belief.
Date of Survey Signature and Seal of Professional Surveyor: Survey S			J		,
Signature and Seal of Professional Surveyor: Sur Shields	1	(1641' 1	
Su Thill			 	1071	1
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