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

## State of New Mexico Energy Minerals and Natural Resources

Revised March 17, 1999

Submit to appropriate District Office

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

State Lease - 6 Copies
Fee Lease - 5 Copies

Form C-101

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE  "Correct Name and Address El Paro Energy Raton, L.L. C. 18/8514 P.O. Dos 190 Raton, NM 87740  "Property Code 24648  Vermejo Park Ranch (VPR)  "Surface Location Ul. or lot no. Section Township Range Lot lish Fee from the North-Stordh line Feet from the Ener/West line County B Proposed Bottom Hole Location if Different From Surface Ul. or lot no. Section Township Range Lot lish Fee from the North-Stordh line Feet from the Ener/West line County B Proposed Bottom Hole Location if Different From Surface Ul. or lot no. Section Township Range Lot lish Feet from the North-Stordh line Feet from the Ener/West line County B Proposed Bottom Hole Location if Different From Surface Ul. or lot no. Section Township Range Lot line Feet from the North-Stordh line Feet from the Ener/West line County B Proposed Pool 1  "Proposed Pool 2  Vermenjo Raton  "Work Type Code ROTANYAIR Per Code ROTANYAIR Per Code Street	2040 South Pag				ro po	Santa l				DI LICDACI		ENDED REPORT		
**Property Code	<sup>1</sup> Operator Name and Address El Paso Energy Raton, L.L. C. P.O. Box 190											<sup>2</sup> OGRID Number 180514 <sup>3</sup> API Number		
SUITACE LOCATION  UIL or lot no. Section Township Range Lot ids Feet from the North/South line Feet from the East-West line Country  B Proposed Bottom Hole Location If Different From Surface  UIL or lot no. Section Township Range Lot ids Feet from the North/South line Feet from the East-West line Country  "Proposed Pool 1  Vermejo Range Lot ids Feet from the North/South line Feet from the East-West line Country  "Proposed Pool 1  Vermejo Ration  "West Type Code General Level Elevation Rotary  N G ROTARY/AIR P State  "West Type Code BOTTARY/AIR P State  "No 2,272 Thinked Prene Drilling The April 24, 2003  "Proposed Depth "Formation Proposed Depth Backs of Cement Estimated TOC 11" Rotary State S	· •	-			Ver			PR)			<sup>6</sup> Well No.			
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   Eet/West line   County		<del></del>				<sup>7</sup> Surface L	ocation				<del></del>			
8 Proposed Bottom Hole Location If Different From Surface  UL or lot no. Section Township Range Lot lish Feet from the North-South line Feet from the East-West line Country  1 Proposed Pool 1	UL or lot no.	Section	Township	Range	Range Lot Idn Feet from the North/South line Feet from the					Feet from the	East/West line County			
UL or in no.  Section Township Range Lot Idn Feet from the North/South line Feet from the Est/West line County  Proposed Pool 1  Vermejo  Rotton  "Work Type Code Township Proposed Pool 1  "Work Type Code Township Proposed Pool 2  Rotton  "Work Type Code Township Proposed Pool 2  Rotton  "Work Type Code Township Proposed Pool 1  "Proposed Pool 1  "Proposed Pool 2  Rotton  "Lesse Type Code Township Proposed Pool 2  Rotton  "Contractor Proposed Pool 2  "Spoil Date April 24, 2003  "Spoil Date April 24, 2003  Proposed Cassing and Cerment Program  Hole Size Casing Size Casing weight/foot Setting Depth Sacks of Cement Estimated TOC  11" 8 5/8" 23# 330' 100 sx. SURFACE  7 7/8" 5 ½ 15 5# / 17# 2,272' 300 sx. SURFACE  22 Describe the proposed program. If this application is to DEEPEN or P11/G BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional absets if necessary.  22 Describe the proposed program, if any. Use additional absets if necessary.  23 In 17 178" hole to 2,272" with air.  24 Set 3.5%" surface casing and cement to surface with 100 sks of connent.  35 Drill 77/8" hole to 2,272" with air. Run open hole logs.  36 Set 3.5%" surface casing and cement to surface with 100 sks of connent.  37 Thereby certify that the information given above is true and complete to the best of my knowledge and belief.  38 Thereby certify that the information given above is true and complete to the best of my knowledge and belief.  39 Thereby certify that the information given above is true and complete to the best of my knowledge and belief.  30 Thild 7/90 Set 1/9 Jacks 1/9	D	21					00 NORTH 1298				EAST	COLFAX		
Proposed Pool 1  Vermejo  Raton  1 West Type Code  1 Rottaky/AIR  1 Personal Level Elevation  ROTARY/AIR  1 Personal Level Elevation  ROTARY/AIR  2 ROTARY/AIR  1 Personal Level Elevation  ROTARY/AIR  2 ROTARY/AIR  2 ROTARY/AIR  3 Synd Dee  Pense Drilling Inc.  2 Proposed Casing and Cernent Program  Hole Size  Casing Size  Casing weight/foot  Setting Depth  Sacks of Cernent  Estimated TOC  11 8 5/82 23# 330' 100 sx.  SURFACE  7 7/82 5 ½ 15.5#/17# 2,272' 300 sx.  SURFACE  2 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.  Drill 11" hole to +/- 330' with air.  Set \$5.8" surface easing and cernent to surface with 100 sks of cernent.  Drill 7 //8" hole to 2,272' with air. Run open hole logs.  Set \$5.5%" casing to TD and cernent to surface. Cernent volumes calculated from open hole logs.  Perforate and stimulate Vermejo and/or Raton Cods. Clean out wellbore and run production equipment.  3 Deith 7 //8" hole to 2,272' with air. Run open hole logs.  Perforate and stimulate Vermejo and/or Raton Cods. Clean out wellbore and run production equipment.  3 Deith 7 //8" hole to 2,272' with air. Run open hole logs.  Perforate and stimulate Vermejo and/or Raton Cods. Clean out wellbore and run production equipment.  3 Describe the information given above is true and complete to the best of my knowledge and belief.  Signature:  Printed name: Donald R. LankGord  Title: () STRICT SUPERVISOR  Approval Date: 4/9/03 Expiritation Date: 4/9/0	<sup>8</sup> Proposed Bottom Hole Location If Different From Surface													
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Vermejo   Raton		<b>L</b>	 1°	Proposed Pool 1					.—	<sup>10</sup> Propo	sed Pool 2			
Note 17 Proposed Depth 18 Formation 18 Contractor 18 Spand Date Note 12,272 Trinidad 19 Contractor 18 Spand Date Note 12,272 Trinidad 19 Contractor 18 Spand Date April 24, 2003  21 Proposed Casing and Cement Program  Hole Size Casing Size Casing weight/foot Setting Depth Sacks of Cement Estimated TOC 11 No. 10 Sx. SURFACE 11 Sylvary 100 Sx. SURFACE 12 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 11 hole to +2 30' with sir.  2. Set 8 5/8" surface casing and cement to surface with 100 sks of cement.  3. Drill 7 /78" hole to 2,272' with air. Run open hole logs.  4. Set 5 ½" casing to TD and cement to surface. Cement volumes calculated from open hole logs.  5. Perforate and stimulate Vermejo and/or Raton Coals. Clean out wellbore and run production equipment.  23 Thereby certify that the information given above is true and complete to the best of my knowledge and belief.  34 Signature: Double 18 Lankford Title: USTRICT SUPERVISOR  Approved by: Approve				_			•							
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23 1 hereby certify that the information given above is true and complete to the best of my knowledge and belief.  Signature: Donald R. Lankford  Title: Principal Engineer  Date: 04/02/03  Phone: (505) 445-6721  OIL CONSERVATION/DIVISION  Approved by:   OIL CONSERVATION/DIVISION  Conditions of Approved by:   OIL CONSERVATION/DIVISION  Approved by:   OIL CONSERVATION/DIVISION  Approved by:   OIL CONSERVATION/DIVISION  Conditions of Approved by:   OIL CONSERVATION/DIVISION  Approved by:   OIL CONSERVATION/DIVISION  Approved by:   OIL CONSERVATION/DIVISION  Conditions of Approved by:   OIL CONSERVATION/DIVISION	4. Set 5 ½"	casing to TD	and coment to	surface. Cement	volumes calc	ulated from open h	ole logs.							
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Printed name: Donald R. Lankford  Title: OISTRICT SUPERVISOR  Approval Date: 4/9/03 Expiration Date: 4/9/04  Date: 04/02/03 Phone: (505) 445-6721 Conditions of Approval:	_						Арргоу	ed by:	K	1/1/1				
Title:         Principal Engineer         Approval Date: 4/9/03         Expiration Date: 4/9/04           Date:         04/02/03         Phone: (505) 445-6721         Conditions of Approval:							70141	CVICT	Spid-	I SUPERI	/ISOR			
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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

API Number

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

3 Pool Name

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

			ľ		969	970			STUBBLE	FIELD	IELD CANYON RATON ~ VERMEJO GAS					
<sup>4</sup> Property Code			<sup>5</sup> Property Name								<sup>6</sup> Well Number					
24648						VERMEJO I	PARI	C RANCH				VPR'A' - 112				
<sup>7</sup> OGRID No.			Operator Name								, Elevation					
180514				EL PASO ENERGY RATON ,L.L.C.									8272'			
			- ****				10 Surfa	ce I	ocation							
UL or lot no.	Section	Townshi	ip R	lange	Lot In	dn	Feet from th	<del></del>	North/South line	Feet	from the	East/West li	ine	County		
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600											<sup>17</sup> OPERATOR CERTIFICATIO  I hereby certify that the information contained herein is to					
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