

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

Energy Minerals and Natural Resources

May 27, 2004

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

Submit to appropriate District Office

☐ 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, New Mexico 87740		² OGRID Number 180514
		³ API Number 30-007-20539
⁴ Property Code 34235	⁵ Property Name Vermejo Park Ranch	⁶ Well No. VPR V 01 WDW
⁹ Proposed Pool 1 Entrada		¹⁰ Proposed Pool 2 Glorieta

⁷ Surface Location

UL or lot no. E	Section 10	Township 30N	Range 19E	Lot Idn E	Feet from the 1640	North/South line North	Feet from the 384	East/West line West	County Colfax
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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
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Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code S	¹³ Cable/Rotary Air/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 7343'
¹⁶ Multiple No	¹⁷ Proposed Depth 6500'	¹⁸ Formation Entrada/Glorieta	¹⁹ Contractor Key	²⁰ Spud Date October 1, 2004
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____mils thick Clay <input type="checkbox"/> Pit Volume: _____bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input checked="" type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	350'	200 sks	Surface
12 1/4"	10 3/4"	40.5#	1600'	500 sks	Surface
9 7/8"	7 5/8"	26.4#	5230'	1100 sks	Surface
6 3/4"	5 1/2"	15.5#	6,500'	175 sks	5080'

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 17 12" surface hole to 350". Set 13 3/8" casing and cement to surface with 200 sks SD 300 cement.
2. Drill 12 1/4" hole to just above Pierre Shale at approximately 2600'. Set 10 3/4" casing with 400 sks SD 300 cement. A cement bond log will be run if unable to circulate cement to surface.
3. Drill 9 7/8" hole to Dakota formation, at approximately 6440'. Set 7 5/8" casing. Cement with 1100 sks SD 300 cement. A cement bond log will be run if unable to circulate cement to surface.
4. Drill 6 3/4" hole through Entrada formation at approximately 6500'. Open hole logs to include induction, resistivity, caliper, density and gamma ray. Set 5 1/2" liner. Cement with 175 sks SD 300 cement. Top of liner at 5080'.
5. Perforate Entrada formation and attempt to catch native formation water sample.
6. Conduct injectivity test.
7. Restoration of surface location/site.

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 NMOC guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Donald R. Lankford *DR Lankford*

Title: Production Manager

E-mail Address: Donald.Lankford@elpaso.com

Date: 08/24/04

Phone:

OIL CONSERVATION DIVISION

Approved by:

Title: **DISTRICT SUPERVISOR**

Approval Date: **8/25/04**

Expiration Date: **8/25/05**

Conditions of Approval Attached ☒

Provide reserve pit and mud program descriptions

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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 - VERMEJO GAS	
⁴ Property Code 24648		⁵ Property Name VERMEJO PARK RANCH			⁶ Well Number VPR'V'-01 WDW
⁷ OGRID No. 180514		⁸ Operator Name EL PASO ENERGY RATON, L.L.C.			⁹ Elevation 7343'

¹⁰ Surface Location

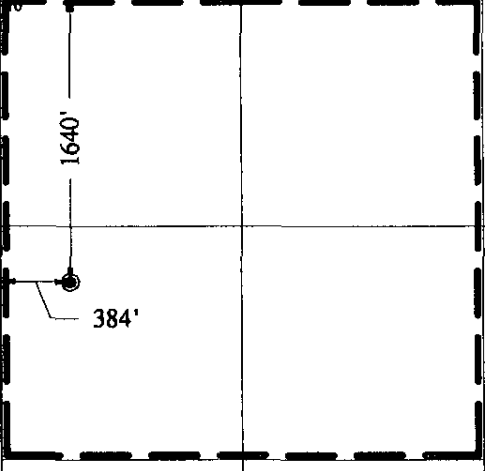
UL or lot no. E	Section 10	Township T 30 N	Range R 19 E	Lot Idn E	Feet from the 1640	North/South line NORTH	Feet from the 384	East/West line WEST	County COLFAX
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

				<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature <i>DR Lankford</i></p> <p>Printed Name: DONALD R. LANKFORD</p> <p>Title: SENIOR PETROLEUM ENGINEER</p> <p>Date:</p>
				<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>August 23, 2004 (AMENDED)</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p><i>[Signature]</i></p> <p>Certificate Number: NM-LS NO. 5103</p>

