

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

State of New Mexico
Energy Minerals and Natural Resources

RECEIVED

Form C-101
May 27, 2004

Oil Conservation Division JAN 18 2007

1220 South St. Francis Dr.

Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

Oil Conservation Division

1220 S. St. Francis Dr.

Santa Fe, NM 87505

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address EL PASO E & P COMPANY, L.P. PO BOX 190 RATON, NM 87740		² OGRID Number 180514
		³ API Number 30-007-20402
⁴ Property Code 25179	⁵ Property Name VERMEJO PARK RANCH (VPR)	⁶ Well No. VPR D 114
⁷ Proposed Pool 1 VERMEJO		⁸ Proposed Pool 2 RATON

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
D	15	30N	17E	D	1188	North	1264	West	Colfax

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
A	16	30N	17E	A	422	North	584	East	Colfax

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary/Fluid	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 9,052'
¹⁶ Multiple Yes	¹⁷ Proposed Depth 2683' TVD 4750' MD	¹⁸ Formation Lower Vermejo	¹⁹ Contractor Pense	²⁰ Spud Date February 20, 2007
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: _____bbbls Drilling Method: Rotary/Fluid				
Closed-Loop System <input type="checkbox"/> Fresh Water <input 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
11"	8 5/8"	23#	337'	100 sx	SURFACE
7 7/8"	5 1/2"	15.5#	2874'	380 sx	SURFACE
4 3/4"	3 1/2"	9.3#	2536' - 4750' MD	None	Liner

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. Set RBP in 5 1/2" casing at 2545'.
2. Set Whip stock in 5 1/2" casing at 2543'.
3. Cut window in 5 1/2" casing at 2536' - 2543'.
4. Drill a 4 3/4" hole in a 143' (40°) Radius curve to a 2000' horizontal lateral in the lower Vermejo coal (Top 2683' TVD).
5. Run 3 1/2" liner (No Cement) the length of the lateral.
6. Retrieve whip stock and RBP.
7. Clean out well bore , 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 constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: **Albert J. O'Neil**

Title: **Drilling Consultant**

E-mail Address: **albert.o'neil@elpaso.com**

Date: **01/17/2007**

Phone: **(505) 445-6706**

OIL CONSERVATION DIVISION

Approved by:

Ed Martin

Title:

Approval Date: **1-22-07**

Expiration Date: **-**

Conditions of Approval Attached ☐

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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

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

¹ API Number	² Pool Code 97046	³ Pool Name CASTLE ROCK PARK - VERMEJO GAS
⁴ Property Code 25179	⁵ Property Name VERMEJO PARK RANCH	⁶ Well Number VPR'D'-114
⁷ OGRID No. 180514	⁸ Operator Name EL PASO E&P Company, L.P.	⁹ Elevation 9052'

¹⁰ Surface Location

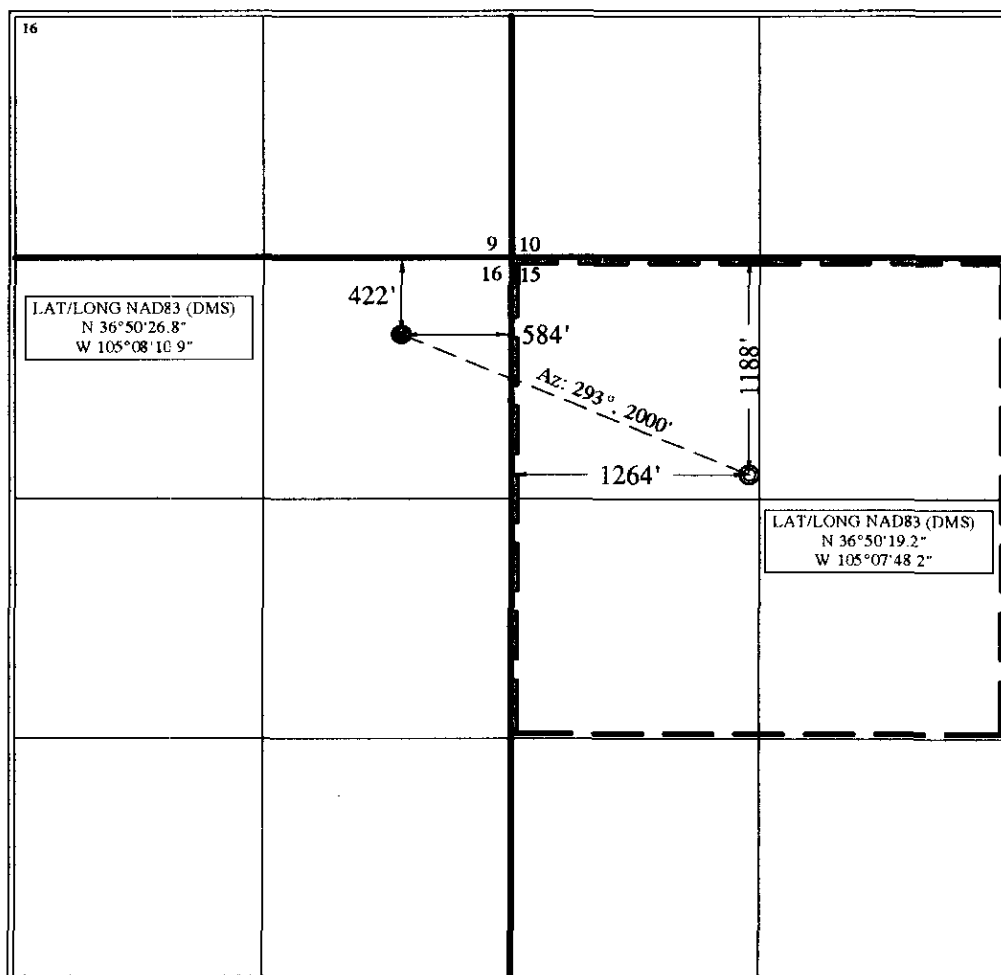
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	T 30 N	R 17 E	D	1188	NORTH	1264	WEST	COLFAX

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
A	16	T 30 N	R 17 E	A	422	NORTH	584	EAST	COLFAX

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



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: *[Signature]* Date: 11/7/07
Printed Name: A.J. O'NEIL

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 8, 2006

Date of Survey

Signature and Seal of Professional Surveyor:

[Signature]
Certificate Number NM LS NO. 5103