

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

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

2007 DEC 27 AM 10:57

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 30-007-20895
⁴ Property Code 25180	⁵ Property Name Vermejo Park Ranch	⁶ Well No. VPR B 179
⁹ Proposed Pool 1 Van Bremmer - Vermejo		¹⁰ Proposed Pool 2

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
K	33	30N	19E	K	1521	South	1465	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

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary/Air	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 7,792'
¹⁶ Multiple Yes	¹⁷ Proposed Depth 2,520'	¹⁸ Formation Vermejo	¹⁹ Contractor Pense	²⁰ Spud Date January 7, 2008
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: Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input checked="" type="checkbox"/>				
Closed-Loop System <input 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#	330'	100 sks	Surface
7 7/8"	5 1/2"	15.5#	2,520'	400 sks	Surface

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 11" hole to +/- 330' with air.
2. Set 8 5/8" surface casing and cement to surface with 100 sks of cement.
3. Drill 7 7/8" hole to 2,520' 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.

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: **William Ordemann**
Title: **Drilling Superintendent**
E-mail Address: **Bill.Ordemann@Elpaso.com**

Date: **12/21/07**

Phone:

OIL CONSERVATION DIVISION

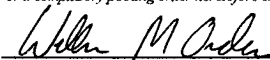


Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval Attached ☐

16	<div style="border: 1px solid black; padding: 10px; margin: 20px auto; width: 80%; text-align: center;">LAT/LONG NAD83 (DMS) N 36°47'17.2" W 104°55'51.8"</div>	<div>...17</div> <div>OPERATOR CERTIFICATION</div> <p><i>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.</i></p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"><div style="text-align: center;"> Signature</div><div style="text-align: center;"><div>12/21/07</div><div>Date</div></div></div> <div style="margin-top: 10px;"><div>William M. Orde</div><div>Printed Name</div></div>
	<div style="border: 1px dashed black; padding: 10px; margin: 20px auto; width: 80%;"><div style="display: flex; align-items: center; justify-content: center;"><div style="text-align: right; margin-right: 10px;">1465'</div><div style="text-align: center;"></div><div style="text-align: left; margin-left: 10px;">1521'</div></div></div>	<div>18</div> <div>SURVEYOR CERTIFICATION</div> <p><i>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.</i></p> <div style="margin-top: 10px;">December 4, 2007</div> <div style="margin-top: 10px;">Date of Survey</div> <div style="margin-top: 10px;">Signature and Seal of Professional Surveyor:</div> <div style="text-align: center; margin-top: 20px;"> <div>Certificate Number NM LS NO. 5103</div></div>

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.
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 30-007-20895	² Pool Code 97047	³ Pool Name VAN BREMMER CANYON - VERMEJO GAS
⁴ Property Code 25180	⁵ Property Name VERMEJO PARK RANCH	
⁷ OGRID No. 180514	⁸ Operator Name EL PASO E&P Company, L.P.	⁶ Well Number VPR'B'-179
		⁹ Elevation 7792'

¹⁰ **Surface Location**

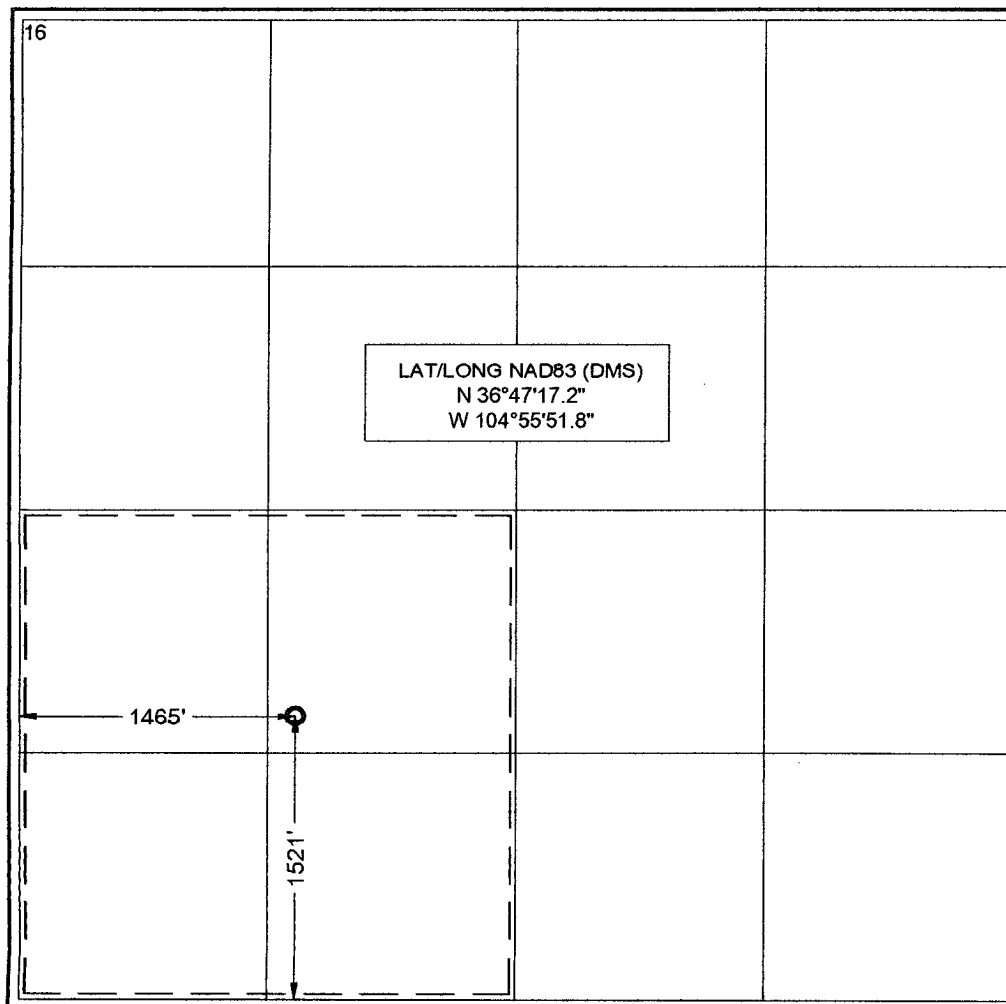
UL or lot no. K	Section 33	Township T 30 N	Range R 19 E	Lot Idn K	Feet from the 1521	North/South line SOUTH	Feet from the 1465	East/West line WEST	County COLFAX
---------------------------	----------------------	---------------------------	------------------------	---------------------	------------------------------	----------------------------------	------------------------------	-------------------------------	-------------------------

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

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ 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



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.

William M. Ordemann 12/21/07
Signature Date

WILLIAM M. ORDEMANN
Printed Name

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 4, 2007

Date of Survey

Signature and Seal of Professional Surveyor:

Qu. Shields
Certificate Number NM L.S. NO. 5103

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.
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 30-007-20895	² Pool Code 97047	³ Pool Name VAN BREMMER CANYON - VERMEJO GAS
⁴ Property Code 25180	⁵ Property Name VERMEJO PARK RANCH	⁶ Well Number VPR'B'-179
⁷ OGRID No. 180514	⁸ Operator Name EL PASO E&P Company, L.P.	⁹ Elevation 7792'

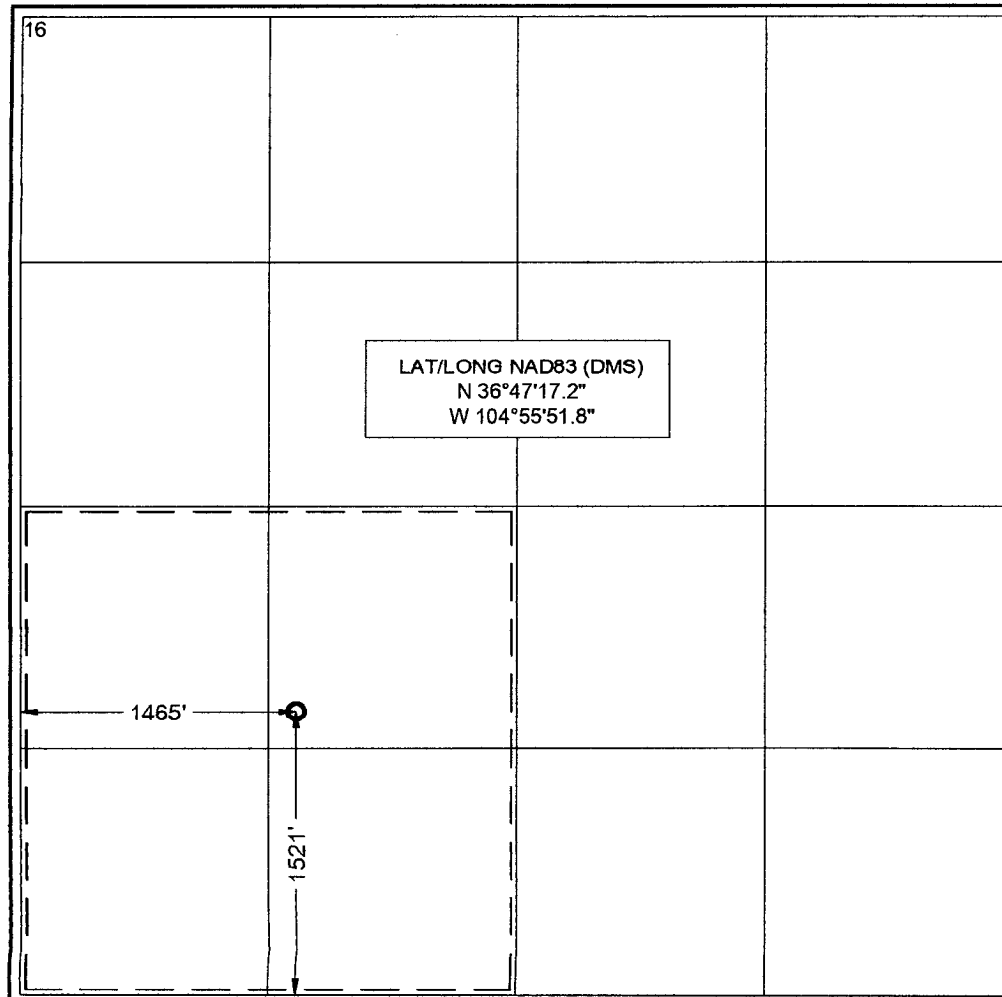
¹⁰ Surface Location

UL or lot no. K	Section 33	Township T 30 N	Range R 19 E	Lot Idn K	Feet from the 1521	North/South line SOUTH	Feet from the 1465	East/West line WEST	County 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
¹² Dedicated Acres					¹³ Joint or Infill		¹⁴ 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



...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: William M. Ordeman Date: 12/21/07

Printed Name: WILLIAM M. ORDEMAN

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 4, 2007

Date of Survey

Signature and Seal of Professional Surveyor:

Signature: Qu. Shilder
Certificate Number: NMLS NO. 5103

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.
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 30-007-20895		² Pool Code 97047	³ Pool Name VAN BREMMER CANYON - VERMEJO GAS
⁴ Property Code 25180	⁵ Property Name VERMEJO PARK RANCH		⁶ Well Number VPR'B'-179
⁷ OGRID No. 180514	⁸ Operator Name EL PASO E&P Company, L.P.		⁹ Elevation 7792'

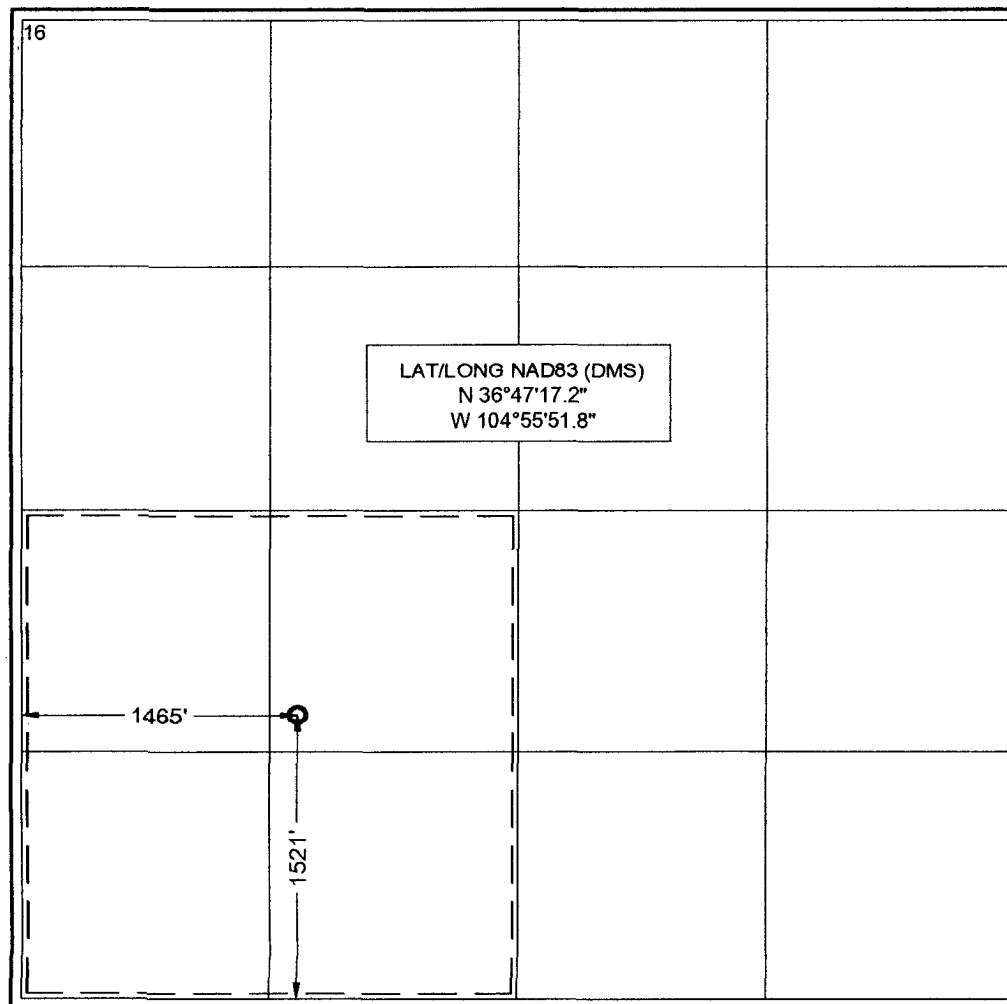
¹⁰ **Surface Location**

UL or lot no. K	Section 33	Township T 30 N	Range R 19 E	Lot Idn K	Feet from the 1521	North/South line SOUTH	Feet from the 1465	East/West line WEST	County 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
¹² Dedicated Acres		¹³ Joint or Infill		¹⁴ 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



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.

William M. Orden 12/21/07
Signature Date

Printed Name

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 4, 2007

Date of Survey

Signature and Seal of Professional Surveyor:

Qu. Shields
Certificate Number NM L.S. NO. 5103