

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
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ 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, NM 87740 | | ² OGRID Number 180514 |
| ³ Property Code 25179 | ⁵ Property Name Vermejo Park Ranch (VPR) | ³ API Number 30-007-20222 |
| | | ⁶ Well No. VPR D-43 |

| 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 |
| C | 9 | 30N | 18E | C | 1015' | NORTH | 2143' | 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 |
| ⁹ Proposed Pool 1 CASTLE ROCK PARK-VERMEJO GAS (97046) | | | | | | ¹⁰ Proposed Pool 2 | | | |

| | | | | |
|--|--|---|--|---|
| ¹¹ Work Type Code N | ¹² Well Type Code G | ¹³ Cable/Rotary ROTARY/AIR | ¹⁴ Lease Type Code P | ¹⁵ Ground Level Elevation 8340' (GL) |
| ¹⁶ Multiple No | ¹⁷ Proposed Depth 2500' | ¹⁸ Formation Trinidad | ¹⁹ Contractor Not Available | ²⁰ Spud Date January 25, 2001 |

| 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# | 300' | 100 sx. | SURFACE |
| 7 7/8" | 5 1/2" | 15.50# | 2500' | 300 sx. | 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.

- Drill 11" hole to +/- 310' with air.
- Set 8 5/8" surface casing at +/- 300' and cement to surface.
- Drill 7 7/8" hole to 2500' with air. Run open hole logs.
- Set 5 1/2" production casing to TD and cement to surface. Cement volumes calculated off open hole logs.
- Perforate and stimulate the Vermejo 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.

Signature: DR Lankford

Printed name: Donald R. Lankford

Title: Senior Petroleum Engineer

Date: 11/07/2000

Phone: (505) 445-4620

OIL CONSERVATION DIVISION

Approved by: [Signature]

Title: **DISTRICT SUPERVISOR**

Approval Date: 11/7/00

Expiration Date: 11/7/01

Conditions of Approval:

Attached ☐

7857

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Santa Fe, NM 87505Form C-102
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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' - 43 |
| ⁷ OGRID No. 180514 | | ⁸ Operator Name EL PASO ENERGY RATON, L.L.C. | | | ⁹ Elevation 8339.5 |

¹⁰ Surface Location

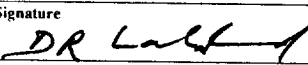
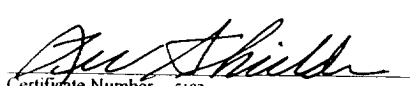
| | | | | | | | | | |
|--------------------|--------------|--------------------|-----------------|--------------|-------------------------|---------------------------|-------------------------|------------------------|------------------|
| UL or lot no. C | Section 9 | Township T 30 N | Range R 18 E | Lot Idn C | Feet from the 1014.9 | North/South line NORTH | Feet from the 2142.5 | 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 COLFAX |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------------|

| | | | |
|-------------------------------|-------------------------------|----------------------------------|-------------------------|
| 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

| | | | | |
|---|--|--|--|---|
| ¹⁶ <div style="text-align: center;"> 1014.9 2142.5 ● </div> | | | | ¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> Signature _____  Printed Name DONALD R. LANKFORD Title SENIOR PETROLEUM ENGINEER Date _____ |
| | | | | |
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| | | | | |
| | | | | ¹⁸ SURVEYOR CERTIFICATION <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> OCTOBER 6, 2000 Date of Survey _____ Signature and Seal of Professional Surveyor:  Certificate Number 5103 |
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