

## District I

1625 N. French Dr., Hobbs, NM 87240

## District II

811 South First, Artesia, NM 87210

## District III

1000 Rio Brazos Rd., Aztec, NM 87410

## District IV

1220 South St Francis, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural ResourcesOIL CONSERVATION DIVISION  
1220 South St Francis  
Santa Fe, NM 87505

WELL API NO. 30-007-20389

5. Indicate Type of Lease

STATE FEE X

State Oil & Gas ☐ se No. ☒

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER X COALBED METHANE

b. Type of Completion:

NEW WORK PLUG DIFF. OTHER: Horizontal Lateral  
WELL OVER ☐ DEEPEN ☐ BACK ☐ SVR. ☐

2. Name of Operator

EL PASO ENERGY RATON, L.L.C.

3. Address of Operator

PO BOX 190  
RATON, NEW MEXICO 87740

7. Lease Name or Unit Agreement Name

VPR D

8. Well No.

102

9. Pool name or Wildcat

Castle Rock Park - Vermejo Gas

97046

4. Well Location

Unit Letter A : 1172 Feet From The North Line and 1092 Feet From The East Line  
Section 10 Township 30N Range 17E NMPM Colfax County

Bottom Hole Location: Unit A, Sec 10, T 30N, R 17E, 50' FNL, 50' FEL, Colfax

10. Date Spudded

02/06/03

11. Date T.D. Reached

02/07/03

12. Date Compl. (Ready to Prod.)

07/13/03

13. Elevations (DF&amp; R(B. RT, GR, etc.)

8400'

14. Elev. Casinghead

8400'

15. Total Depth

2180'  
3,346 TMD

16. Plug Back T.D.

2100'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools  
0 - TDCable Tools  
None

19. Producing Interval(s), of this completion - Top, Bottom, Name

1657' - 1902' VERMEJO COALS  
Horizontal Lateral - Upper Vermejo Coals20. Was Directional Survey Made  
No

21. Type Electric and Other Logs Run

Array Induction, Epithermal Neutron Litho Density, After Frac and Cement Bond Log.

21. Was Well Cored  
No

## 23. CASING RECORD (Report all strings set in well)

| CASING SIZE       | WEIGHT LB./FT. | DEPTH SET       | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------------|----------------|-----------------|-----------|------------------|---------------|
| 8 5/8"            | 23 lb.         | 329'            | 11"       | 100 sx.          | None          |
| 5 1/2"            | 15.5 lb.       | 2134'           | 7 7/8"    | 277 sx.          |               |
| 3 1/2" Perf Liner | 9.3 lb         | 1,790' - 3,327' | 4 3/4"    | None             |               |

## 24. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
|      |     |        |              |        | 2 7/8" | 1,946'    | N/A        |

26. Perforation record (interval, size, and number)

1896' - 1902' 17 Holes  
1848' - 1850' 5 Holes  
1796' - 1798' 5 Holes  
1733' - 1735' 5 Holes  
1675' - 1677' 5 Holes  
1657' - 1659' 5 Holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
1657' - 1902' 255,350 lbs 20/40 Ottawa/TLC Sand

## 28. PRODUCTION

|                                   |                            |   |                        |                  |  |                                    |                        |
|-----------------------------------|----------------------------|---|------------------------|------------------|--|------------------------------------|------------------------|
| Date First Production<br>07/18/03 |                            | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping water up 2 7/8 tubing with insert pump.<br>Flowing gas up 5 1/2" casing. |                        |                  | Well Status (Prod. or Shut-in)<br>Production |                                    |                        |
| Date of Test<br>07/17/03          | Hours Tested<br>24 Hours   | Choke Size<br>Full 2"   | Prod'n For Test Period | Oil - Bbl<br>N/A | Gas - MCF<br>300                             | Water - Bbl.<br>0                  | Gas - Oil Ratio<br>N/A |
| Flow Tubing Press.                | Casing Pressure<br>375 psi | Calculated 24-Hour Rate   | Oil - Bbl.<br>N/A      | Gas - MCF<br>300 | Water - Bbl.<br>0                            | Oil Gravity - API - (Corr.)<br>N/A |                        |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold, used for fuel.

Test Witnessed By:

Jerry Colburn

30. List Attachments

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Printed

Signature: Shirley Mitchell

Name: Shirley A. Mitchell

Title: Field Adm Specialist

Date: 05/13/05

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

T. Anhy  
T. Salt  
B. Salt  
T. Yates  
T. 7 Rivers  
T. Queen  
T. Grayburg  
T. San Andres  
T. Glorieta  
T. Paddock  
T. Blinebry  
T. Tubb  
T. Drinkard  
T. Abo  
T. Wolfcamp  
T. Penn  
T. Cisco (Bough C)

T. Canyon  
T. Strawn  
T. Atoka  
T. Miss  
T. Devonian  
T. Silurian  
T. Montoya  
T. Simpson  
T. McKee  
T. Ellenburger  
T. Gr. Wash  
T. Delaware Sand  
T. Bone Springs  
T.  
T.  
T.  
T.

## Northwestern New Mexico

T. Ojo Alamo \_\_\_\_\_  
T. Kirtland-Fruitland \_\_\_\_\_  
T. Pictured Cliffs \_\_\_\_\_  
T. Cliff House \_\_\_\_\_  
T. Menefee \_\_\_\_\_  
T. Point Lookout \_\_\_\_\_  
T. Mancos \_\_\_\_\_  
T. Gallup \_\_\_\_\_  
Base Greenhorn \_\_\_\_\_  
T. Dakota \_\_\_\_\_  
T. Morrison \_\_\_\_\_  
T. Todilto \_\_\_\_\_  
T. Entrada \_\_\_\_\_  
T. Wingate \_\_\_\_\_  
T. Chinle \_\_\_\_\_  
T. Permian \_\_\_\_\_  
T. Penn "A" \_\_\_\_\_

T. Penn. "B" \_\_\_\_\_  
T. Penn. "C" \_\_\_\_\_  
T. Penn. "D" \_\_\_\_\_  
T. Leadville \_\_\_\_\_  
T. Madison \_\_\_\_\_  
T. Elbert \_\_\_\_\_  
T. McCracken \_\_\_\_\_  
T. Ignacio Otzte \_\_\_\_\_  
T. Granite \_\_\_\_\_  
T. Raton – Surface 490'  
T. Vermejo 1,600'  
T. Trinidad 1,919'  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

| From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |