

Submit To Appropriate District Office

State Lease - 6 copies

Fee Lease - 5 copies

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 Resources

OIL CONSERVATION DIVISION  
1220 South St Francis  
Santa Fe, NM 87505

4-23-04

Form C-105

Revised March 25, 1999

WELL API NO. 30-007-20536

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 WELL ☒ WORK OVER ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

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.

167H

9. Pool name or Wildcat

Castle Rock Park - Vermejo Gas

4. Well Location

Unit Letter D : 624 Feet From The North Line and 1034 Feet From The West Line

Section 1 Township 30N Range 17E NMPM COLFAX County

10. Date Spudded

05/06/04

11. Date T.D. Reached

05/25/04

12. Date Compl. (Ready to Prod.)

06/12/04

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

8223'

14. Elev. Casinghead

8223'

15. Total Depth

TMD: 3641'

16. Plug Back T.D.

TMD: 3641'

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

20. Was Directional Survey Made  
No

21. Type Electric and Other Logs Run

Array Induction, Epithermal Neutron Litho Density, Mud Log, 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 |
|-------------|----------------|---------------|-----------|------------------|---------------|
| 9 5/8"      | 36 lb.         | 348'          | 12 1/2"   | 138 sks          | None          |
| 7"          | 23 lb.         | 2974'         | 8 3/4"    | 631 sks          |               |
| 3 1/2"      | 9.3 lb.        | 2928' - 3642' | 6 1/8"    | Perforated Liner |               |
|             |                |               |           |                  |               |
|             |                |               |           |                  |               |

## 24. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
|      |     |        |              |        | 2 7/8" | 2548'     | N/A        |

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

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

## 28. PRODUCTION

|                                   |                           |  |                           |                  |  |                                    |                        |
|-----------------------------------|---------------------------|--|---------------------------|------------------|--|------------------------------------|------------------------|
| Date First Production<br>06/14/04 |                           | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping water up 2 7/8 tubing w/ 2'X 1 1/4" X 10' insert pump.<br>Flowing gas up 5 1/2" casing. |                           |                  | Well Status (Prod. or Shut-in)<br>Production |                                    |                        |
| Date of Test<br>06/14/04          | Hours Tested<br>24 Hours  | Choke Size<br>Full 2"  | Prod'n For<br>Test Period | Oil - Bbl<br>N/A | Gas - MCF<br>72                              | Water - Bbl.<br>137                | Gas - Oil Ratio<br>N/A |
| Flow Tubing<br>Press.             | Casing Pressure<br>30 psi | Calculated 24-<br>Hour Rate  | Oil - Bbl.<br>N/A         | Gas - MCF<br>72  | Water - Bbl.<br>137                          | 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

Signature: Shirley Mitchell Printed Name: Shirley A. Mitchell Title: Regulatory Analyst Date: 08/23/04

# 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. Canyon        |
| T. Salt            | T. Strawn        |
| B. Salt            | T. Atoka         |
| T. Yates           | T. Miss          |
| T. 7 Rivers        | T. Devonian      |
| T. Queen           | T. Silurian      |
| T. Grayburg        | T. Montoya       |
| T. San Andres      | T. Simpson       |
| T. Glorieta        | T. McKee         |
| T. Paddock         | T. Ellenburger   |
| T. Blinebry        | T. Gr. Wash      |
| T. Tubb            | T. Delaware Sand |
| T. Drinkard        | T. Bone Springs  |
| T. Abo             | T.               |
| T. Wolfcamp        | T.               |
| T. Penn            | T.               |
| T. Cisco (Bough C) | T.               |

## Northwestern New Mexico

|                             |                              |
|-----------------------------|------------------------------|
| T. Ojo Alamo _____          | T. Penn. "B" _____           |
| T. Kirtland-Fruitland _____ | T. Penn. "C" _____           |
| T. Pictured Cliffs _____    | T. Penn. "D" _____           |
| T. Cliff House _____        | T. Leadville _____           |
| T. Menefee _____            | T. Madison _____             |
| T. Point Lookout _____      | T. Elbert _____              |
| T. Mancos _____             | T. McCracken _____           |
| T. Gallup _____             | T. Ignacio Otzte _____       |
| Base Greenhorn _____        | T. Granite _____             |
| T. Dakota _____             | T. Raton – Surface <u>0</u>  |
| T. Morrison _____           | T. Vermejo <u>1,258' tvd</u> |
| T. Todilto _____            | T. Trinidad _____            |
| T. Entrada _____            | T. _____                     |
| T. Wingate _____            | T. _____                     |
| T. Chinle _____             | T. _____                     |
| T. Permian _____            | T. _____                     |
| T. Penn "A" _____           | T. _____                     |

**OIL OR GAS SANDS  
OR ZONES**

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

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

No. 3, 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 |
|------|----|----------------------|-----------|
|      |    |                      |           |