

Submit To Appropriate District Office  
 State Lease - 6 copies  
 Fee Lease - 5 copies

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-105  
 Revised March 25, 1999

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  
 2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

WELL API NO. 30-007-20149

5. Indicate Type of Lease  
 STATE  FEE

State Oil & Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well:  
 OIL WELL  GAS WELL  DRY  OTHER  COALBED METHANE

b. Type of Completion:  
 NEW WORK WELL  OVER  DEEPEN  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.  
 19

9. Pool name or Wildcat  
 Castle Rock Park - Vermejo Gas

4. Well Location  
 Unit Letter I; 1657' Feet From The SOUTH Line and 1307' Feet From The EAST Line

Section 31 Township 31N Range 18E NMPM COLFAX County

10. Date Spudded 04/01/00  
 11. Date T.D. Reached 04/03/00  
 12. Date Compl. (Ready to Prod.) 07/20/00  
 13. Elevations DF&R(B. RT, GR, etc.) 8689'  
 14. Elev. Casinghead 8689'

15. Total Depth 2000'  
 16. Plug Back T.D. 1957'  
 17. If Multiple Compl. How Many Zones? N/A  
 18. Intervals Drilled B / Rotary Tools 0 -TD Cable Tools None

19. Producing Interval(s), of this completion - Top, Bottom, Name  
 1627' - 1908'  
 Vermejo Coals

20. Was Directional Survey Made No

21. Type Electric and Other Logs Run  
 Compensated Photo-Density, Array Induction Shallow Focussed Electric Log, After Frac. CBL

22. 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"	24 #	335'	11"	125 sx.	None
5 1/2"	15.5 #	1970'	7 7/8"	200 sx.	

24. **LINER RECORD** 25. **TUBING RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	1957'	N/A

26. Perforation record (interval, size, and number)  
 1627' - 1631', 1636' - 1642', 1672' - 1676' All 4 SPF  
 1795' - 1799', 1836' - 1840', 1861' - 1865', All 4 SPF  
 1900' - 1908' 4 SPF  
 Vermejo Coals

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
 DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
 1627' - 1908' 1500 Gal. 15-1/2% HCL  
 250,000 lbs 20/40 sand  
 40# Delta 140 Sandwedge

28. **PRODUCTION**

Date First Production 09/10/00  
 Production Method (Flowing gas lift, pumping - Size and type pump) 30-N-095 pc pump  
 Well Status (Prod. or Shut-in) Prod.

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
09/09/00	24 Hours	Full 2"		N/A	129	73	N/A

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
	20		N/A	129	73	N/A

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

Test Witnessed By: Larry Casey

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 Ruth Luksich Printed Name Ruth Luksich Title Facility Production Specialist Date: 09/10/00

# 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 - 586' \_\_\_\_\_
- T. Vermejo 586' - 1598' \_\_\_\_\_
- Trinidad 1598' - 1930' \_\_\_\_\_
- T. \_\_\_\_\_
- T. \_\_\_\_\_
- T. \_\_\_\_\_
- T. \_\_\_\_\_
- 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 In Feet	Lithology	From	To	Thickness In Feet	Lithology