

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

1-20-04
Form C-105
Revised March 25, 1999

WELL API NO. 30-007-20507

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.
WELL ☒ OVER ☐ DEEPEN ☐ BACK ☐ 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.

162

9. Pool name or Wildcat

Castle Rock Park - Vermejo Gas

4. Well Location

Unit Letter N 1153 Feet From The South Line and 1368 Feet From The West Line

Section 15 Township 30N Range 17E NMPM COLFAX County

10. Date Spudded

05/22/04

11. Date T.D. Reached

05/23/04

12. Date Compl. (Ready to Prod.)

06/21/04

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

8950'

14. Elev. Casinghead

8950'

15. Total Depth

2905'

16. Plug Back T.D.

2829'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools
0 - TD

Cable Tools
None

19. Producing Interval(s), of this completion - Top, Bottom, Name
2398' - 2620'
RATON - VERMEJO COALS

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run

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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
8 5/8"	23 lb.	343'	11"	100 sx.	None
5 1/2"	15.5 lb.	2839'	7 7/8"	401 sx.	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	2829'	N/A

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

2615' - 2620' 20 Holes
2483' - 2487', 2550' - 2553' 28 Holes
2398' - 2401' 12 Holes

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

2398' - 2620' 72,075 lbs 16/30 Sand

28. PRODUCTION

Date First Production 06/24/04		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping water up 2 7/8 tubing w/ 2' X 1 1/4" X 10' insert pump. Flowing gas up 5 1/2" casing.			Well Status (Prod. or Shut-in) Production		
Date of Test 06/24/04	Hours Tested 24 Hours	Choke Size Full 2"	Prod'n For Test Period	Oil - Bbl N/A	Gas - MCF 22	Water - Bbl. 224	Gas - Oil Ratio N/A
Flow Tubing Press. 0 psi.	Casing Pressure 25 psi	Calculated 24- Hour Rate	Oil - Bbl. N/A	Gas - MCF 22	Water - Bbl. 224	Oil Gravity - API - (Corr.) N/A	

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

Sold, used for fuel.

Test Witnessed By:

Gary Blundell

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>1,134'</u>
T. Morrison _____	T. Vermejo <u>2,372'</u>
T. Todilto _____	T. Trinidad <u>2,634'</u>
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 In Feet	Lithology

From	To	Thickness In Feet	Lithology