

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

Form O-100  
Revised March 25, 1999

WELL API NO. <b>30-007-20457</b>											
5. Indicate Type of Lease STATE FEE <input checked="" type="checkbox"/> X											
State Oil & Gas <input type="checkbox"/> Use No. <input checked="" type="checkbox"/>											
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>											
1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> COALBED METHANE											
b. Type of Completion: NEW WORK PLUG DIFF. RESVR. OTHER WELL <input checked="" type="checkbox"/> OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> BACK <input type="checkbox"/>											
2. Name of Operator <b>EL PASO ENERGY RATON, L.L.C.</b>											
3. Address of Operator <b>PO BOX 190 RATON, NEW MEXICO 87740</b>											
4. Well Location Unit Letter <b>M</b> : <b>1144</b> Feet From The <b>South</b> Line and <b>736</b> Feet From The <b>West</b> Line Section <b>12</b> Township <b>30N</b> Range <b>18E</b> NMPM COLFAX County											
10. Date Spudded <b>01/13/04</b>		11. Date T.D. Reached <b>01/14/04</b>		12. Date Compl. (Ready to Prod.) <b>03/30/04</b>		13. Elevations (DF& R(B. RT, GR, etc.) <b>7,675'</b>		14. Elev. Casinghead <b>7,675'</b>			
15. Total Depth <b>1,735'</b>		16. Plug Back T.D. <b>1,685'</b>		17. If Multiple Compl. How Many Zones? <b>1</b>		18. Intervals Drilled By <b>0 - TD</b>		19. Producing Interval(s), of this completion - Top, Bottom, Name <b>1198'- 1444' VERMEJO COALS</b>			
20. Was Directional Survey Made <b>No</b>					21. Was Well Cored <b>No</b>						
21. Type Electric and Other Logs Run <b>Array Induction, Epithermal Neutron Litho Density, Mud Log, After Frac and Cement Bond Log.</b>											
23. <b>CASING RECORD (Report all strings set in well)</b>											
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
8 5/8"		23 lb.		358'		11"		100 sx.		None	
5 1/2"		15.5 lb.		1,701'		7 7/8"		219 sx.			
24. <b>LINER RECORD</b>										25. <b>TUBING RECORD</b>	
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE	
										2 7/8"	
										1,522'	
										N/A	
26. Perforation record (interval, size, and number) 1437'- 1439', 1442'- 1444' 12 Holes 1361'- 1363', 1371'- 1373' 12 Holes 1275'- 1277' 6 Holes 1198'- 1202' 12 Holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 1198'- 1444' 136,200 lbs 16/30 Brady Sand					
28. <b>PRODUCTION</b>											
Date First Production 04/07/04			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 04/07/04		Hours Tested 24 Hours		Choke Size Full 2"		Prod'n For Test Period		Oil - Bbl N/A		Gas - MCF 100	
								Water - Bbl. 343		Gas - Oil Ratio N/A	
Flow Tubing Press.		Casing Pressure 60 psi		Calculated 24-Hour Rate		Oil - Bbl. N/A		Gas - MCF 100		Water - Bbl. 343	
										Oil Gravity - API - (Corr.) 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: <u>Shirley Mitchell</u> Printed Name: Shirley A. Mitchell Title: Regulatory Analyst Date: 04/13/04											

## 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		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. Raton – Surface <u>0</u>
T. Blinbry	T. Gr. Wash	T. Morrison	T. Vermejo <u>1,183'</u>
T. Tubb	T. Delaware Sand	T. Todilto	T. Trinidad <u>1,479'</u>
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	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 In Feet	Lithology

From	To	Thickness In Feet	Lithology