

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised June 10, 2003 WELL API NO. 30-005-63802 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> State Oil & Gas Lease No.
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		
1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> b. Type of Completion: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL OVER BACK RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Lease Name or Unit Agreement Name Buffalo Valley 8 State
2. Name of Operator Cimarex Energy Co.		8. Well No. 001
3. Address of Operator PO Box 140907; Irving, TX 75014-0907		9. Pool name or Wildcat Buffalo Valley; Penn (Prorated Gas)
4. Well Location SHL: Unit Letter <u>M</u> : <u>1085</u> Feet From The <u>South</u> Line and <u>1165</u> Feet From The <u>West</u> Line Section <u>8</u> Township <u>15S</u> Range <u>28E</u> NMPM County <u>Chaves</u>		
10. Date Spudded 02-24-06	11. Date T.D. Reached 03-16-06	12. Date Compl. (Ready to Prod.) 04-21-06
13. Elevations (DF& RKB, RT, GR, etc.) 3533' GR		14. Elev. Casinghead
15. Total Depth 9100'	16. Plug Back T.D. 8962'	17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools Rotary
19. Producing Interval(s), of this completion - Top, Bottom, Name Buffalo Valley; Penn (Prorated Gas) 8687' - 8804'		20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run Neutron, Laterolog, Cement Bond		22. Was Well Cored No
23. CASING RECORD (Report all strings set in well)		
CASING SIZE	WEIGHT LB./FT.	DEPTH SET
13-3/8" H-40	48#	434'
9-5/8" N-80	40#	1824'
5-1/2" P-110	17#	9100'
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	SIZE
	BOTTOM	DEPTH SET
	SACKS CEMENT	PACKER SET
26. Perforation record (interval, size, and number) 8754' - 8804' 6 SPF 114 holes (through tubing) 8687' - 8692' 6 SPF 30 holes (up casing)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 8687' - 8692' AMOUNT AND KIND MATERIAL USED 1005 gal foamed 35# gelled 85:15 7% KCL+CO2+ Methanol & 20200# Versaprop
28. PRODUCTION		
Date First Production 04-21-06	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	
Date of Test 05-25-06	Hours Tested 24	Well Status (Prod. or Shut-in) Producing
Choke Size Tbg 16/64, Csg 28/64	Prod'n For Test Period	Oil - Bbl 0
Flow Tubing Press. 325	Gas - MCF 958	Water - Bbl. 0
Casing Pressure 195	Calculated 24-Hour Rate	Gas - Oil Ratio
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold - Production is being kept separate until both reservoirs can be evaluated		Test Witnessed By
30. List Attachments Deviation Summary, C-102		
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>Natalie Krueger</u>		Printed Name <u>Natalie Krueger</u> Title <u>Reg Analyst 1</u> Date <u>6/5/2006</u>
E-mail Address <u>nkrueger@cimarex.com</u>		

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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 8582'	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss 8845'	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 2795'	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo 5300'	T. Morrow 8730'	T. Wingate	T.
T. Wolfcamp 6465'	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, fromto.....
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