

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 & Natural Resources

Form C-104
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

JUN 16 2006 Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Cimarex Energy Co. PO Box 140907 Irving, TX 75014		² OGRID Number 215099
		³ Reason for Filing Code/ Effective Date NW - 04-06
⁴ API Number 30 - 005-63802	⁵ Pool Name Buffalo Valley; Penn (Prorated Gas)	⁶ Pool Code 78060 73080
⁷ Property Code	⁸ Property Name Buffalo Valley 8 State	⁹ Well Number 001

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	8	15S	28E		1085	South	1165	West	Chaves

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code	¹³ Producing Method Code F	¹⁴ Gas Connection Date 04-21-06	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
036785	Duke Energy Field Services, LP 3300 North A Street Bldg 7 Midland, TX 79705		G	Same as above

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description Same as above
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V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforations	³⁰ DHC, MC
02-24-06	04-21-06	9100'	8962'	8687' - 8804'	
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
17-1/2"	13-3/8" H-40	434'	370 sx circ 30 sx		
12-1/4"	9-5/8" J-55	1824'	750 sx circ 300 sx		
8-3/4"	5-1/2" P-110	9100'	1240 sx TOC 2200'		
	2-3/8"	8735'			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
	04-21-06	05-25-06	24 hrs	325	195
⁴¹ Choke Size Tbg 16/64 Csg 28/64	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method
	0	0	958	1.060	F

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Natalie Krueger*
Printed name: Natalie Krueger
Title: Reg Analyst 1
E-mail Address: nkrueger@cimarex.com
Date: 6/5/2006

OIL CONSERVATION DIVISION
Approved by: **BRYAN G. ARANT**
DISTRICT II GEOLOGIST
Title:
Approval Date: JUN 16 2006
Phone: 469-420-2723