

HENTSCHEL DAVID A
 Form 4
 February 22, 2011

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 HENTSCHEL DAVID A

2. Issuer Name and Ticker or Trading Symbol
 CIMAREX ENERGY CO [XEC]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 C/O CIMAREX ENERGY
 CO., 1700 LINCOLN STREET,
 SUITE 1800
 (Street)
 DENVER, CO 80203
 (City) (State) (Zip)

3. Date of Earliest Transaction
 (Month/Day/Year)
 02/22/2011

____ Director
 ____ Officer (give title below)
 ____ 10% Owner
 ____ Other (specify below)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Ownership (Instr. 4)
				(A) or (D) Code V Amount (D) Price			
Common Stock				(A) 10,003		I	Family Trust
Common Stock	02/22/2011		S	5,000 (1) D \$ 114.7577	14,097	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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