CIMAREX ENERGY CO Form SC 13G/A February 11, 2010

SCHEDULE 13G

(Rule 13d-102)

Information to be Included in Statements Filed Pursuant to Rule 13d-1(b), (c) and (d) and Amendments Thereto Filed Pursuant to Rule 13d-2.

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

Under the Securities Exchange Act of 1934 (Amendment No. 2)*

Cimarex Energy Co

(Name of Issuer)

Common Stock

(Title of Class of Securities)

171798101

(CUSIP Number)

December 31, 2009

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[X] Rule 13d-1(b)
[_] Rule 13d-1(c)
[_] Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Page 1 of 16

CUS	SIP No. 1717	981	01 13G		
1	NAME OF REP	 ORT	ING PERSON		
	Artisan Pa	rtn	ers Holdings LP		
2	CHECK THE A (see Instru		OPRIATE BOX IF A MEMBER OF A GROUP ons)		[_]
	Not Applic	abl	e		
3	SEC USE ONL	 Ү			
4	CITIZENSHIP	OR	PLACE OF ORGANIZATION		
	Delaware				
		5	SOLE VOTING POWER		
NU	IMBER OF		None		
		6	SHARED VOTING POWER		
	WNED BY EACH		4,662,390		
RE	PORTING PERSON	7	SOLE DISPOSITIVE POWER		
	WITH		None		
		8	SHARED DISPOSITIVE POWER		
			4,758,490		
9	AGGREGATE A	MOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	4,758,490				
10	CHECK BOX I (see Instru		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ons)	5	[_]
	Not Applic	abl	e		
11	PERCENT OF	cla	SS REPRESENTED BY AMOUNT IN ROW (9)		
	5.7%				
12	TYPE OF REP (see Instru				
	HC				

Page 2 of 16

<pre>1 NAME OF REPORTING PERSON Artisan Investment Corporation 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions) (a) [_] (b) [_] Not Applicable 3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION Wisconsin 5 SOLE VOTING POWER NUMBER OF None SHARES</pre>
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions) (a) [_] (b) [_] Not Applicable 3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION Wisconsin 5 SOLE VOTING POWER 5 SOLE VOTING POWER NUMBER OF None SHARES 5 SENEFICIALLY 6 SHARED VOTING POWER OWNED BY
(see Instructions) (a) [_] Not Applicable 3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION Wisconsin 5 SOLE VOTING POWER NUMBER OF None SHARES SENEFICIALLY 6 SHARED VOTING POWER OWNED BY
3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION Wisconsin 5 SOLE VOTING POWER NUMBER OF None SHARES BENEFICIALLY 6 SHARED VOTING POWER OWNED BY
4 CITIZENSHIP OR PLACE OF ORGANIZATION Wisconsin 5 SOLE VOTING POWER NUMBER OF None SHARES BENEFICIALLY 6 SHARED VOTING POWER OWNED BY
Wisconsin 5 SOLE VOTING POWER NUMBER OF None SHARES
5 SOLE VOTING POWER NUMBER OF None SHARES
NUMBER OF None SHARES BENEFICIALLY 6 SHARED VOTING POWER OWNED BY
SHARESBARED VOTING POWER OWNED BY
BENEFICIALLY 6 SHARED VOTING POWER OWNED BY
EACH 4,662,390 REPORTING
PERSON 7 SOLE DISPOSITIVE POWER WITH
None
8 SHARED DISPOSITIVE POWER
4,758,490
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
4,758,490
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions) [_]
Not Applicable
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
5.7%
12 TYPE OF REPORTING PERSON (see Instructions)
HC
Page 3 of 16

Page 3 of 16

CUSIP No. 171798101

13G

1 NAME OF REPORTING PERSON

Artisan Pa	artners Limited Partnership	
2 CHECK THE A (see Instru		a) [_] b) [_]
Not Applic	cable	
3 SEC USE ONI	У	
4 CITIZENSHIP	OR PLACE OF ORGANIZATION	
Delaware		
	5 SOLE VOTING POWER	
NUMBER OF	None	
	6 SHARED VOTING POWER	
OWNED BY EACH	4,628,190	
REPORTING PERSON	7 SOLE DISPOSITIVE POWER	
WITH	None	
	8 SHARED DISPOSITIVE POWER	
	4,724,290	
9 AGGREGATE A	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
4,724,290		
10 CHECK BOX I (see Instru	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES actions)	[_]
Not Applic	cable	
11 PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)	
5.7%		
12 TYPE OF REE (see Instru	PORTING PERSON actions)	
IA		
	Page 4 of 16	

CUSIP No. 171798101

13G

1 NAME OF REPORTING PERSON

Artisan Investments GP LLC

2	(see Instructions)				[_] [_]
	Not Applic	abl	e		
3	SEC USE ONL	 Y			
4	CITIZENSHIP	OR	PLACE OF ORGANIZATION		
	Delaware				
		5	SOLE VOTING POWER		
NU	IMBER OF		None		
	WNED BY EACH	6	SHARED VOTING POWER		
			4,628,190		
		7	SOLE DISPOSITIVE POWER		
	WITH		None		
		8	SHARED DISPOSITIVE POWER		
			4,724,290		
9	AGGREGATE A	 MOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	4,724,290				
10	CHECK BOX I (see Instru		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	;	[_]
	Not Applic	abl	e		
11	PERCENT OF	cla	SS REPRESENTED BY AMOUNT IN ROW (9)		
	5.7%				
12	TYPE OF REP (see Instru				
	HC				
			Page 5 of 16		
CUS	SIP No. 1717	981			
1	NAME OF REP	ort	ING PERSON		
	ZFIC, Inc.				
2	 CHECK THE A	 PPR	 DPRIATE BOX IF A MEMBER OF A GROUP		

Edgar	Filing:	CIMAREX	ENERGY	CO -	Form	SC	13G/A

(see Inst	tructions)	(a) [_] (b) [_]
Not App	licable	
3 SEC USE (ONLY	
4 CITIZENS	HIP OR PLACE OF ORGANIZATION	
Wiscons	in	
	5 SOLE VOTING POWER	
NUMBER OF	None	
	6 SHARED VOTING POWER	
OWNED BY EACH	4,662,390	
REPORTING PERSON	7 SOLE DISPOSITIVE POWER	
WITH	None	
	8 SHARED DISPOSITIVE POWER	
	4,758,490	
4,758,49	X IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARE	
Not App	tructions) licable	[_]
	OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
5.7%		
	REPORTING PERSON tructions)	
	Page 6 of 16	
CUSIP No. 1	71798101 13G	
1 NAME OF 1	REPORTING PERSON	
Andrew A	A. Ziegler	
	E APPROPRIATE BOX IF A MEMBER OF A GROUP tructions)	(a) [_] (b) [_]

Not Applica	able	
3 SEC USE ONLY	ζ	
4 CITIZENSHIP	OR PLACE OF ORGANIZATION	
U.S.A.		
	5 SOLE VOTING POWER	
NUMBER OF	None	
SHARES BENEFICIALLY	6 SHARED VOTING POWER	
OWNED BY EACH	4,662,390	
REPORTING PERSON	7 SOLE DISPOSITIVE POWER	
WITH	None	
	8 SHARED DISPOSITIVE POWER	
	4,758,490	
9 AGGREGATE AN	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
4,758,490		
10 CHECK BOX II (see Instruc	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	_]
Not Applica	able	
11 PERCENT OF (CLASS REPRESENTED BY AMOUNT IN ROW (9)	
5.7%		
12 TYPE OF REPO (see Instruc	DRTING PERSON Dtions)	
IN		
	Page 7 of 16	
CUSIP No. 1717	98101 13G	
1 NAME OF REPO	DRTING PERSON	
Carlene M.	Ziegler	
2 CHECK THE AN (see Instruc	PPROPRIATE BOX IF A MEMBER OF A GROUP (a) [_ (b) [_	
Not Applica	able	

3 \$	SEC USE ON	LY
4 (CITIZENSHI	P OR PLACE OF ORGANIZATION
	U.S.A.	
		5 SOLE VOTING POWER
NUME	BER OF	None
-	HARES FICIALLY	6 SHARED VOTING POWER
	NED BY EACH	4,662,390
REPORTING PERSON		7 SOLE DISPOSITIVE POWER
	NITH	None
		8 SHARED DISPOSITIVE POWER
		4,758,490
97		AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	4,758,490	
	CHECK BOX (see Instr	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES uctions) [_]
	Not Appli	cable
 11 B	PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)
	5.7%	
12 1	 TYPE OF RE	PORTING PERSON
	(see Instr	
	IN	
		 Page 8 of 16
Item	1(a) Na	me of Issuer:
C		Cimarex Energy Co
		dress of Issuer's Principal Executive Offices:
		1700 Lincoln Street, Suite 1800, Denver, CO 80203
Item	2(a) Na	me of Person Filing:
		Artisan Partners Holdings LP ("Artisan Holdings")
		Artisan Investment Corporation, the general partner of Artisan Holdings ("Artisan Corp.")
		Artisan Partners Limited Partnership ("Artisan Partners") Artisan Investments GP LLC, the general partner of

Artisan Partners ("Artisan Investments") ZFIC, Inc., the sole stockholder of Artisan Corp. ("ZFIC") Andrew A. Ziegler Carlene M. Ziegler

Item 2(b) Address of Principal Business Office:

Artisan Holdings, Artisan Corp., Artisan Partners, Artisan Investments, ZFIC, Mr. Ziegler and Ms. Ziegler are all located at:

875 East Wisconsin Avenue, Suite 800 Milwaukee, WI 53202

Item 2(c) Citizenship:

Artisan Holdings is a Delaware limited partnership Artisan Corp. is a Wisconsin corporation Artisan Partners is a Delaware limited partnership Artisan Investments is a Delaware limited liability company ZFIC is a Wisconsin corporation Mr. Ziegler and Ms. Ziegler are U.S. citizens

Item 2(d) Title of Class of Securities:

Common Stock

Item 2(e) CUSIP Number:

171798101

Item 3 Type of Person:

(e) Artisan Partners and Artisan Holdings are investment advisers registered under section 203 of the Investment Advisers Act of 1940; Artisan Holdings is the sole limited partner of Artisan Partners; Artisan Investments is the general partner of Artisan Partners; Artisan Corp is the general partner of Artisan Holdings; ZFIC is the sole stockholder of Artisan Corp.; Mr. Ziegler and Ms. Ziegler are the principal stockholders of ZFIC.

Page 9 of 16

Item 4 Ownership (at December 31, 2009):

(a) Amount owned "beneficially" within the meaning of rule 13d-3:

4,758,490

(b) Percent of class:

5.7% (based on 83,511,991 shares outstanding as of September 30, 2009)

(c) Number of shares as to which such person has:

(i) sole power to vote or to direct the vote:

None

- (ii) shared power to vote or to direct the vote:4,662,390
- (iii) sole power to dispose or to direct the disposition of:

None

(iv) shared power to dispose or to direct the disposition
 of:

4,758,490

Item 5 Ownership of Five Percent or Less of a Class:

Not Applicable

Item 6 Ownership of More than Five Percent on Behalf of Another Person:

The shares reported herein have been acquired on behalf of discretionary clients of Artisan Partners and Artisan Holdings. Persons other than Artisan Partners and Artisan Holdings are entitled to receive all dividends from, and proceeds from the sale of, those shares. None of those persons, to the knowledge of Artisan Partners, Artisan Corp., ZFIC, Mr. Ziegler or Ms. Ziegler, has an economic interest in more than 5% of the class.

Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person:

Not Applicable

Item 8 Identification and Classification of Members of the Group:

Not Applicable

Item 9 Notice of Dissolution of Group:

Not Applicable

Item 10 Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

Page 10 of 16

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 11, 2010

ARTISAN INVESTMENT CORPORATION, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP By: Janet D. Olsen* _____ ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP By: Janet D. Olsen* _____ ZFIC, INC. By: Janet D. Olsen* _____ ANDREW A. ZIEGLER Andrew A. Ziegler* _____ CARLENE M. ZIEGLER Carlene M. Ziegler* -----*By: /s/ Janet D. Olsen _____ _____ Janet D. Olsen Vice President of Artisan Investment Corporation Vice President of Artisan Investments GP LLC Attorney-in-Fact for ZFIC, Inc. Attorney-in-Fact for Andrew A. Ziegler Attorney-in-Fact for Carlene M.

Page 11 of 16

Ziegler

Exhibit Index

Exhibit 1 Joint Filing Agreement dated February 11, 2010 by and among Artisan Partners Holdings LP, Artisan Investment Corporation, Artisan Partners Limited Partnership, Artisan Investments GP LLC, ZFIC, Inc., Andrew A. Ziegler and Carlene M. Ziegler

- Exhibit 2 Power of Attorney of ZFIC, Inc., dated March 19, 2007
- Exhibit 3 Power of Attorney of Andrew A. Ziegler dated March 19, 2007
- Exhibit 4 Power of Attorney of Carlene M. Ziegler dated March 19, 2007

Page 12 of 16

EXHIBIT 1

JOINT FILING AGREEMENT

The undersigned hereby agree to the joint filing of the Schedule 13G to which this Agreement is attached.

Dated: February 11, 2010

ARTISAN INVESTMENT CORPORATION, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Janet D. Olsen*

ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Janet D. Olsen*

ZFIC, INC.

By: Janet D. Olsen*

ANDREW A. ZIEGLER

Andrew A. Ziegler*

CARLENE M. ZIEGLER

Carlene M. Ziegler*

*By: /s/ Janet D. Olsen Janet D. Olsen Vice President of Artisan Investment Corporation Vice President of Artisan Investments GP LLC Attorney-in-Fact for ZFIC, Inc. Attorney-in-Fact for Andrew A. Ziegler Attorney-in-Fact for Carlene M. Ziegler

Page 13 of 16

EXHIBIT 2

POWER OF ATTORNEY

The undersigned, ZFIC, Inc., hereby appoints Lawrence A. Totsky, Janet D.

Olsen, and Sarah A. Johnson, and each of them individually, its true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on its behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

ZFIC, INC.

By: /s/ Andrew A. Ziegler Andrew A. Ziegler Vice President

STATE OF WISCONSIN)) SS. COUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Andrew A. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the said instrument as his own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston ------Notary Public

Page 14 of 16

EXHIBIT 3

POWER OF ATTORNEY

The undersigned, Andrew A. Ziegler, hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, his true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on his behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the

filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

/s/ Andrew A. Ziegler Andrew A. Ziegler

STATE OF WISCONSIN)) SS. COUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Andrew A. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the said instrument as his own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston ------Notary Public

Page 15 of 16

EXHIBIT 4

POWER OF ATTORNEY

The undersigned, Carlene M. Ziegler, hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, her true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on her behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be

executed this 19th day of March, 2007.

/s/ Carlene M. Ziegler Carlene M. Ziegler

STATE OF WISCONSIN)) SS. COUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Carlene M. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she signed and delivered the said instrument as her own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston ------Notary Public

Page 16 of 16