

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

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. of Colorado 600 N. Marienfeld St., Ste. 600 Midland, TX 79701		² OGRID Number 162683
		³ Reason for Filing Code/ Effective Date NW & DHC / 10 05.10
⁴ API Number 30-015-37817	⁵ Pool Name <i>Cottonwood Springs</i> <i>Cisco Canyon Wildcat</i> <i>Upper Penn GAS</i>	⁶ Pool Code <i>75330</i>
⁷ Property Code 38149	⁸ Property Name Scarlet 34 Federal	⁹ Well Number 001

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot, Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	34	25S	25E		660	North	660	East	Eddy

¹¹ Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot, Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	1	19S	30E		333	South	674	West	Eddy

¹² Use Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 10.05.10	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
21778	Sunoco Inc R&M		O	Same as above
226737	Hunter Gas Gathering		G	

RECEIVED

SEP 28 2011

NMOCD ARTESIA

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 05.24.10	²⁶ Ready Date 10.02.10	²⁷ TD 10640	²⁸ PBD 10607	²⁹ Perforations 9874-10213 Cisco 8507-9425 Wolfcamp	³⁰ DHC, MC DHC-4288
³¹ Hole Size 17 1/2	³² Casing & Tubing Size 13 3/8	³³ Depth Set 465	³⁴ Sacks Cement 400		
12 1/4	9 5/8	1682	600		
8 3/4	7	10640	1200		
	2 3/4	8420			

VI. Well Test Data

³⁵ Date New Oil 10.05.10	³⁶ Gas Delivery Date 10.05.10	³⁷ Test Date 11.05.10	³⁸ Test Length 24 hrs	³⁹ Tbg. Pressure 560	⁴⁰ Csg. Pressure 680
⁴¹ Choke Size 12/64	⁴² Oil 7/32	⁴³ Water 43/228	⁴⁴ Gas 274/1055	⁴⁵ AOF	⁴⁶ Test Method Producing

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: Regulatory Analyst

E-mail Address: nkrueger@cimarex.com

Date: 1/18/2011

Phone: 432-620-1936

OIL CONSERVATION DIVISION

Approved by: *T.C. Shepard*

Title: *Geologist*

Approval Date: *JAN 30 2012*

This well has been placed in the pool designated below
If you do not concur notify the Hobbs OCD Geologist

dm

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		³ Reason for Filing Code/ Effective Date NW & DHC / 10.05.10
⁴ API Number 30-015-37817	⁵ Pool Name White City Wolfcamp Wildcat South LGAS	⁶ Pool Code 97592
⁷ Property Code 38149	⁸ Property Name Scarlet 34 Federal	⁹ Well Number 001

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UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West line	County
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³¹ Hole Size 17½	³² Casing & Tubing Size 13½	³³ Depth Set 465	³⁴ Sacks Cement 400		
12½	9½	1682	600		
8½	7	10640	1200		
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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: Regulatory Analyst

E-mail Address: nkrueger@cimarex.com

Date: 1/18/2011

Phone: 432-620-1936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

JAN 30 2012

This well has been placed in the pool designated below
If you do not concur notify the Hobbs OCD Geologist

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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 15, 2009

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-37817	Pool Code 75330	Pool Name Cottonwood Springs	Well Number 1
Property Code 38149	Property Name SCARLET "34" FEDERAL		Elevation 3648'
OCRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO		

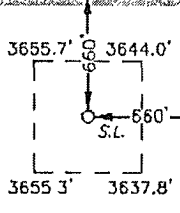
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	34	25 S	25 E		660	NORTH	660	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No. DHC-4288						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	SURFACE LOCATION Lat - N 32°05'30.05" Long - W 104°22'38.14" NAD83 - E 527733.7 (NAD-83)		OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well as this location pursuant to a contract with an owner of such a mineral or working interest or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Natalie Krueger</i> 1/18/2011 Signature Date Natalie Krueger Printed Name
	NM-104664		SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. FEB 15 2011 Date Surveyed <i>[Signature]</i> Signature & Seal of Professional Surveyor 72286 Certificate No. Gary L. Jones 7977 BASIN SURVEYS

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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 16, 2009

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OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-37817	Pool Code 97592	Pool Name White City Wolfcamp Wildcat South (GRS)
Property Code 38149	Property Name SCARLET "34" FEDERAL	Well Number 1
OCRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3648'

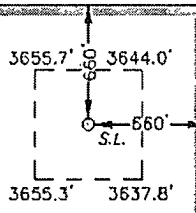
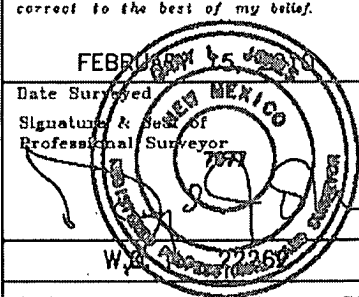
Surface Location

UL or lot No. A	Section 34	Township 25 S	Range 25 E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 660	East/West line EAST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320'	Joint or Infill	Consolidation Code	Order No. DHC-4288						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
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RECEIVED SEP 28 2011 NMOCD ARTESIA	SURFACE LOCATION Lat - N 32°05'30.05" Long - W 104°22'38.14" NMSPCE - N 397093.2 E 527733.7 (NAO-83)		OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Natalie Krueger</u> Date: <u>1/18/2011</u> Printed Name: <u>Natalie Krueger</u>
	NM-104664		SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. Date Surveyed: <u>FEBRUARY 15 2011</u> Signature & Seal of Professional Surveyor:  Certificate No. Gary L. Jones 7977 BASIN SURVEYS

600 N. Marientfeld St., Ste. 600
Midland, TX 79701
Main 432-471-7800
Direct 432-620-1936
Fax 432-620-1940

Cimarex Energy Co. of Colorado

July 26, 2011

New Mexico Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505
Attn: Mr. Will Jones

Re: Scarlet 34 Federal No. 1 - 30-015-37817
DHC-4288
Allocation Percentages
Check No. 0001359479 - \$6500.00

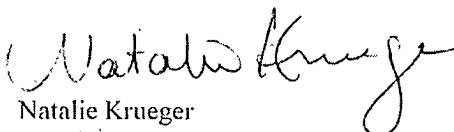
Dear Mr. Jones:

A production log run on the captioned well on 12-07-10 determined the following allocation between Cisco and Wolfcamp:

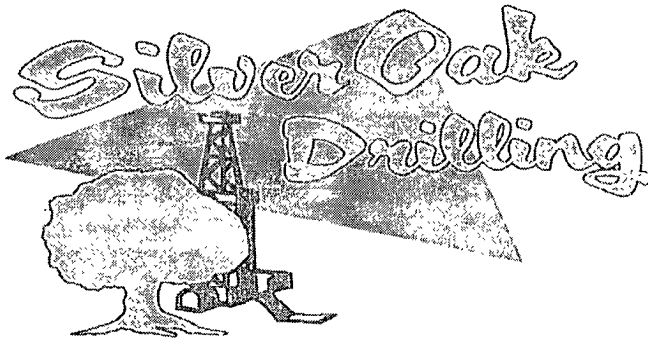
	Oil	Gas	Water
Cisco	23%	26%	19%
Wolfcamp	77%	74%	81%

If you require additional information regarding this DHC, please call me at 432-620-1936. Have a great day!

Sincerely,


Natalie Krueger
Regulatory

nkrueger@cimarex.com



PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

30-D15-37817

July 1, 2010

Cimarex Energy Co.
Attn: Jim Evans
600 N. Marienfeld, Suite 600
Midland, TX 79701

RE: Scarlet 34 Federal #1
660' FNL & 660' FEL
Sec. 34, T25S, R25E
Eddy County, New Mexico

Dear Sir,

The attached is the Deviation Survey for the above captioned well.

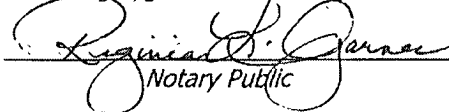
Very truly yours,

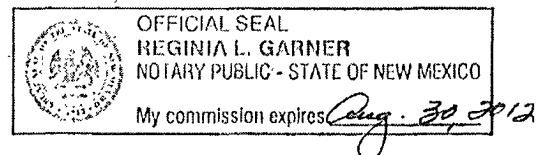

Eddie C. LaRue
Operations Manager



State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 1st day of July, 2010.


Regina L. Garner
Notary Public



Pason DataHub Deviation Survey 2010/06/23 09:41:36

Well Dossier 1274748788 - SCARLET 34 FED #1

#

#	Date	Depth	Deviation	TVD
	5/25/2010	185	0.8	0
	5/25/2010	436	0.5	0
	5/28/2010	759	0.4	799
	5/28/2010	1133	0.3	0
	5/28/2010	1414	0.3	0
	5/29/2010	1642	0.3	1682
	5/30/2010	1995	0.4	0
	5/31/2010	2468	0	2539
	5/31/2010	2967	0.4	3038
	5/31/2010	3466	0.7	0
	5/31/2010	3964	0.5	0
	6/1/2010	4435	0.5	0
	6/3/2010	4907	0.5	0
	6/3/2010	5392	1.6	0
	6/5/2010	6160	4.6	6175
	6/6/2010	6400	4.2	0
	6/6/2010	6697	3.5	6767
	6/7/2010	7142	1.7	7212
	6/7/2010	7617	1.2	7686
	6/8/2010	8087	0.7	8157
	6/8/2010	8588	0	8657
	6/9/2010	9087	1.1	9157
	6/10/2010	9589	1.7	0
	6/12/2010	10070	1.9	0
	6/13/2010	10570	0.3	0

EOF