

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN ORIGINAL

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REMOV. ☐ Other ☐

2. NAME OF OPERATOR

Cimarex Energy Co. of Colorado

3. ADDRESS AND TELEPHONE NO.

P O Box 140907 Irving Tx. 75014-0907

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980' FNL & 1550' FEL

At top prod. interval reported below 1980' FNL & 1550' FEL

At total depth 1980' FNL & 1550' FEL

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR

PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

09-02-06

16. DATE T.D. REACHED

10-12-06

17. DATE COMPL. (Ready to prod.)

12-13-06

18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*

3576' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

11225'

21. PLUG, BACK T.D. MD & TVD

11136'

22. IF MULTIPLE COMPL.,

HOW MANY*

2

23. INTERVALS

DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Wolfcamp Wildcat 9078'-9188' (Morrow 10919'-11019' under RBP & 15' sand)

25. WAS DIRECTIONAL

SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL, Neutron, Laterolog, Sonic

27. WAS WELL CORRED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8" H-40	48#	508'	17-1/2"	500 sx, circ 202 sx	
9-5/8" J-55	40 #	4715'	12-1/4"	1703 sx, circ 428 sx	
5-1/2" P-110	17#	11225'	8-3/4"	1458 sx, TOC 7000' by CBL	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	9044'	9044'

31. PERFORATION RECORD (Interval, size and number)

10919'-11019' 6 spf 66 holes RBP @ 10820' w/ 15' sand

9078'-9188' 6 spf 300 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10919'-11019	1000 gal 7-1/2% NeFe gas well acid
10919'-11019'	19952 gal 35# WaterFrac CMHPG, CO2 w/
	73000# Versaprop

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-13-06		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
12-21-06	24	5/64	→	107	1089	0	10215
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
1900	210	→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Electric logs and Inclination Summary

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Natalie Krueger

TITLE

Regulatory Analyst 1

DATE

03-13-07

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

LC-028784-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Keely 26 Federal No. 1

9. API WELL NO.

30-015-35025

10. FIELD AND POOL, OR WILDCAT

Sand Tank; Morrow

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

26-17S-29E

12. COUNTY OR
PARISH
Eddy13. STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other _____

2. NAME OF OPERATOR

Cimarex Energy Co. of Colorado

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At surface 1980' FNL & 1550' FEL

At top prod. interval reported below 1980' FNL & 1550' FEL

At total depth 1980' FNL & 1550' FEL

14. PERMIT NO.

DATE ISSUED

MAR 22 2007
OCD - ARTESIA, NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. SLEV. CASINGHEAD
09-02-06	10-12-06	11-17-06	3576' GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
11225'	11136'	2	→	All	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Sand Tank; Morrow 10919'-11019' behind RBP & 15' sand25. WAS DIRECTIONAL
SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL, Neutron, Laterolog, Sonic

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
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	73000# Versaprop

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-17-06		Flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-05-06	24	29/64	→	1	348	5	348000
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
58		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Electric logs and Inclination Summary

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Natalie Kneager

TITLE

Regulatory Analyst 1

DATE 03-13-07

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				San Andres	2640'	
				Yeso	4230'	
				Wolfcamp	7620'	
				Cisco	9240'	
				Strawn	10125'	
				Atoka	10370'	
				Morrow	10780'	
				Mississippian	11075'	

DISTRICT I
1625 N. FRENCH DR., ROBES, NM 88240

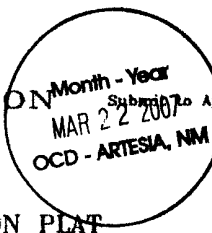
DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. ST. FRANCES DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCES DR.
Santa Fe, New Mexico 87505



Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-35025	Pool Code 84872	Pool Name Loco Hills; Wolfcamp, NE
Property Code	Property Name KEELY 26 FEDERAL	Well Number 1
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3576'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	26	17-S	29-E		1980'	NORTH	1550	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 40		Joint or Infill	Consolidation Code		Order No. NSL-5578				

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

	OPERATOR CERTIFICATION <i>I hereby certify that the information 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 at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> Zeno Farris 03-13-07 Signature Date Zeno Farris Printed Name
GEODETIC COORDINATES NAD 27 NME Y=657505.9 N X=589696.9 E LAT.=32°48'26.04" N LONG.=104°02'29.03" W	SURVEYOR CERTIFICATION <i>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.</i> MAY 18, 2006 Date Surveyed MR Signature & Seal of Professional Surveyor Gary E. Edson 5/30/06 06.11.0837 Certificate No. GARY EDSON 12641

DISTRICT I
1625 N. FRENCH DR., BOBES, NM 88240

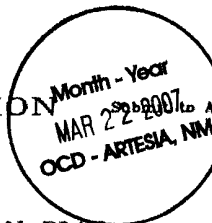
DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

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Energy, Minerals and Natural Resources Department

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Santa Fe, New Mexico 87505



Form C-102
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Appropriate District Office
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WELL LOCATION AND ACREAGE DELINEATION PLAT

☐ AMENDED REPORT

API Number 30-015-35025	Pool Code	Pool Name Sand Tank; Morrow
Property Code	Property Name KEELY 26 FEDERAL	Well Number 1
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3576'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	26	17-S	29-E		1980'	NORTH	1550	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.						

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

	OPERATOR CERTIFICATION <i>I hereby certify that the information 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 at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> Zeno Farris 03-13-07 Signature Date Zeno Farris Printed Name
	SURVEYOR CERTIFICATION <i>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.</i> MAY 18, 2006 Date Surveyed MR Signature & Seal of Professional Surveyor GARY EIDSON 5/30/06 06.11.0837 Certificate No. GARY EIDSON 12841
	GEODETIC COORDINATES NAD 27 NME Y=657505.9 N X=589696.9 E LAT.=32°48'26.04" N LONG.=104°02'29.03" W

OPERATOR
WELL/LEASE
COUNTY

Cimarex Energy Co.
Keely 26 Fed. #1
Eddy Co., N.M.

046-0044

STATE OF NEW MEXICO
DEVIATION REPORT

458	1.50	7,478	0.75
923	1.00	7,701	0.50
1,415	0.25	7,923	0.50
1,923	1.00	8,046	0.25
2,423	1.25	8,303	0.25
2,908	0.50	8,621	1.00
3,384	0.75	8,846	1.25
3,862	0.25	9,102	0.75
4,329	1.00	9,485	0.25
4,646	0.50	9,985	0.50
4,941	0.50	10,712	0.25
5,227	2.50	11,212	1.00
5,354	3.50		
5,449	3.00		
5,576	3.00		
5,703	3.00		
5,829	3.00		
5,956	3.00		
6,083	2.25		
6,210	2.50		
6,337	4.00		
6,464	3.00		
6,622	2.75		
6,812	2.00		
7,034	1.25		
7,257	1.50		



STATE OF TEXAS

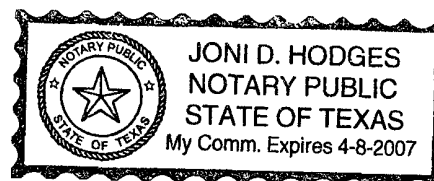
COUNTY OF MIDLAND

BY: Steve Moore

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

October 19, 2006, by Steve

Joni D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/08/07



District I
1625 N. French Dr., Hobbs, NM 88240
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

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

Form C-104
Revised June 10, 2003

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Cimarex Energy Co. of Colorado PO Box 140907 Irving, TX 75014		² OGRID Number 162683
		³ Reason for Filing Code/ Effective Date NW - 11-01-06
⁴ API Number 30 - 015-35025	⁵ Pool Name Sand Tank; Morrow	⁶ Pool Code 84872
⁷ Property Code	⁸ Property Name Keely 26 Federal	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
G	26	17S	29E		1980	North	1550	East	Eddy

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 11-17-06	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
21778	Sunoco Inc R&M PO Box 2039 Tulsa, OK 74102		O	Same as above
36785	Duke Energy Field Services, LP 3300 N. A St., Bldg. 7 Midland, TX 79705		G	Same as above

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description Same as above
-------------------	---

V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforations	³⁰ DHC, MC
09-02-06	11-17-06	11225'	11136'	10919'-11019'	MC, Morrow behind RBP
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
17-1/2"	13-3/8" H-40	508'	500 sx, circ 202 sx		
12-1/4"	9-5/8" J-55	4715'	1703 sx, circ 428 sx		
8-3/4"	5-1/2" P-110	11225'	1458 sx TOC 7000' by CBL		
	2-7/8"	9044'			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
11-17-06	11-17-06	12-05-06	24 hrs	58	
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method
29/64	1	5	339		P

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:

Printed name: Natalie E. Krueger

Title: Reg Analyst 1

E-mail Address: nkrueger@cimarex.com

Date: March 13, 2007

Phone: 469-420-2723

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARANT

Title:

DISTRICT II GEOLOGIST

Approval Date:

MAR 22 2007



5215 N. O'Connor Blvd.
Suite 1500
Irving, TX 75039
972-401-3111 (phone)
972-443-6486 (fax)

Cimarex Energy Co. of Colorado

March 21, 2007

COPY

Bureau of Land Management
620 East Greene Street
Carlsbad, New Mexico 88220
Attn: Ms. Betty Hill

Re: Keely 26 Federal No. 2
30-015-35025
Eddy County, NM

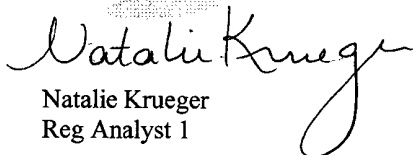
Dear Ms. Hill:

Please find enclosed (1) one original and (7) five copies of BLM Form 3160-4, Completion Report, for the well mentioned above.

Please note that we have placed the well in the Loco Hills; Wolfcamp, Northeast pool. We currently have a C-108 working to establish this as a discovery pool.

If you have any questions or need further information, please feel free to contact Zeno Farris directly at 972-443-6489.

Sincerely,


Natalie Krueger
Reg Analyst I

Enclosures

nkrueger@cimarex.com