

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.  
NMNM41645

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**7. If Unit or CA/Agreement, Name and/or No.  
PENDING

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.  
FEDERAL 13 COM 006

2. Name of Operator

CIMAREX ENERGY CO. OF COLORADO

Contact: NATALIE E KRUEGER  
Email: nkrueger@cimarex.com9. API Well No.  
30-015-36571

3a. Address

600 N. MARIENFELD ST., STE. 600  
MIDLAND, TX 79701

3b. Phone No. (include area code)

Ph: 432-620-1936  
Fx: 432-620-194010. Field and Pool, or Exploratory  
PENN/WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 13 T25S R26E NENW 1310FNL 1980FWL  
32.13363 N Lat, 104.24862 W Lon

11. County or Parish, and State

EDDY COUNTY, NM

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

08/04/10 DO DVT.

08/06/10 Perfed Cisco 10234-10345 3 spf, 84 holes.

08/09/10 Frac'd Cisco 10234-10345 w/ 178,725 gal slickwater &amp; 123,424# 30/50 Texas Gold.

08/10/10 Set CBP @ 10225. Perfed Cisco 10131-10204 3 spf, 60 holes.

08/11/10 Frac'd Cisco 10131-10204 w/ 194,411 gal slickwater &amp; 119,260# 30/50 Texas Gold. Set CBP @

10100. Perfed Wolfcamp 9642-9788 3 spf, 60 holes. Frac'd Wolfcamp 9642-9788 w/ 293,522 gal

slickwater &amp; 173,465# 30/50 Texas Fold. Set CBP @ 9630. Perfed Wolfcamp 9458-9590 3 spf, 60 holes.

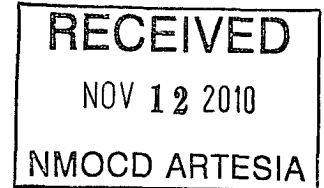
Frac'd Wolfcamp 9458-9590 w/ 271,068 gal slickwater &amp; 226,009# 30/50 Texas Gold. Set CBP @ 9445.

Perfed Wolfcamp 9228-9423 3 spf, 57 holes. Frac'd Wolfcamp 9228-9423 w/ 315,134 gals slickwater &amp;

271,924# 30/50 Texas Gold.

08/13/10 DO CBPs &amp; CO to PBTD @ 10249.

08/17/10 TIH w/ 2-3/8" 4.7# L-80 tbg. O/O tool @ 9113. Pkr @ 9120. XN @ 9125. EOT @ 9126. Turned



14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #97145 verified by the BLM Well Information System  
For CIMAREX ENERGY CO. OF COLORADO, sent to the Carlsbad**

Name (Printed/Typed) NATALIE E KRUEGER

Title REGULATORY

Signature (Electronic Submission)

Date 11/10/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Additional data for EC transaction #97145 that would not fit on the form**

**32. Additional remarks, continued**

over to production.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other							6. If Indian, Allottee or Tribe Name					
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Reserv.												
Other _____							7. Unit or CA Agreement Name and No. PENDING					
2. Name of Operator CIMAREX ENERGY CO. OF COLORADO							Contact: NATALIE E KRUEGER Email: nkrueger@cimarex.com					
3. Address    600 N. MARIENFELD ST., STE. 600 MIDLAND, TX 79701							3a. Phone No. (include area code) Ph: 432-620-1936					
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface    NENW 1310FNL 1980FWL 32.13363 N Lat, 104.24862 W Lon  At top prod interval reported below    NENW 1310FNL 1980FWL 32.13363 N Lat, 104.24862 W Lon  At total depth    NENW 1310FNL 1980FWL 32.13363 N Lat, 104.24862 W Lon							8. Lease Name and Well No. FEDERAL 13 COM 006					
							9. API Well No. 30-015-36571					
							10. Field and Pool, or Exploratory PENN/WOLFCAMP					
							11. Sec., T., R., M., or Block and Survey or Area    Sec 13 T25S R26E Mer NMP					
							12. County or Parish EDDY			13. State NM		
14. Date Spudded 06/18/2010				15. Date T.D. Reached 07/01/2010			16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 08/17/2010			17. Elevations (DF, KB, RT, GL)* 3249 GL		
18. Total Depth: MD TVD				10565			19. Plug Back T.D.: MD TVD			10249		
20. Depth Bridge Plug Set:				MD TVD								
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DSN, DLL							22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)					
23. Casing and Liner Record (Report all strings set in well)												
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled			
17.500	13.375 H40	48.0	0	466		400		0				
12.250	9.625 J55	40.0	0	1870		650		0				
7.875	5.500 P110	17.0	0	10565	6009	1260		0				
24. Tubing Record												
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)				
2.375	9126	9120										
25. Producing Intervals						26. Perforation Record						
Formation		Top	Bottom	Perforated Interval			Size	No. Holes	Perf. Status			
A) CISCO		10131	10345	10131 TO 10345			0.420	144	OPEN			
B) WOLFCAMP		9228	9788	9228 TO 9788			0.420	177	OPEN			
C)												
D)												
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.												
Depth Interval		Amount and Type of Material										
10131 TO 10345		373,136 GAL SLICKWATER, 242,684# 30/50 TEXAS GOLD										
9228 TO 9788		879,724 GAL SLICKWATER, 671,398# 30/50 TEXAS GOLD										
RECEIVED NOV 12 2010 NMOCD ARTESIA												
28. Production - Interval A												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
08/19/2010	09/16/2010	24	→	10.0	206.0	52.0	55.9	0.99	FLOWS FROM WELL			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status				
20/64	SI 900	0.0	→				20600	PGW				
28a. Production - Interval B												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
08/19/2010	09/16/2010	24	→	22.0	512.0	130.0	55.9	0.99	FLOWS FROM WELL			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status				
20/64	SI 900	0.0	→				23272	PGW				

(See Instructions and spaces for additional data on reverse side)

**ELECTRONIC SUBMISSION #97269 VERIFIED BY THE BLM WELL INFORMATION SYSTEM**

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
CAPTURED

## 30. Summary of Porous Zones (Include Aquifers):

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.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
BELL CANYON	2124	2938	SANDST, SHALE, MIN. LIMEST, WET	SALT	1071
CHERRY CANYON	2938	3912	SANDST, SHALE, MIN. LIMEST, WET	DELAWARE	1916
BRUSHY CANYON	3912	5391	SANDST, SHALE, MIN. LIMEST, WET	CHERRY CANYON	2938
BONE SPRING	5391	8553	LIMEST, SHALE, MIN. SANDST, GAS	BRUSHY CANYON	3912
WOLFCAMP	8553	10107	SHALE, MIN. LIMEST, GAS	BONE SPRING	5391
CISCO CANYON	10107	10339	SHALE, GAS	CISCO CANYON	10106
				WOLFCAMP	9029
				STRAWN	10338

RECEIVED

NOV 12 2010

NMOCD ARTESIA

32. Additional remarks (include plugging procedure):  
Add'l Log Marker: Atoka 10519

Assigned DHC-4301

DHC percentages (based on production log):  
Cisco Canyon 29% oil, gas, water  
Wolfcamp 71% oil, gas, water

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
- 7 Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #97269 Verified by the BLM Well Information System.  
For CIMAREX ENERGY CO. OF COLORADO, sent to the Carlsbad

Name (please print) NATALIE E KRUEGERTitle REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission)

Date 11/11/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*

**Additional data for transaction #97269 that would not fit on the form**

**32. Additional remarks, continued**

Logs will be sent via fedex.

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 and Natural Resources Department

Form C-102  
Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies  
Fee Lease - 3 Copies

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36571	Pool Code 87280	Pool Name White City; Penn (Gas)
Property Code 33622	Property Name FEDERAL "13" COM	Well Number 6
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3249'

Surface Location

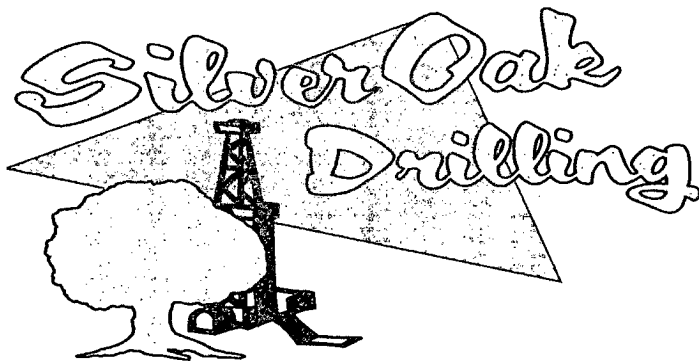
UL or lot No. C	Section 13	Township 25 S	Range 26 E	Lot Idn	Feet from the 1310	North/South line NORTH	Feet from the 1980	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 640	Joint or Infill	Consolidation Code C	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

<b>NM-36508</b>  Federal 13 Com #6  1980'  3255.3' 3256.6' 3241.3' 3240.2'  1310'  SURFACE LOCATION Lat - N32°08'01.07" Long - W104°14'55.04" NMSPCE - N 412361.3 E 567559.0 (NAD-83)  1620'	<b>NM-41645</b>  Federal 13 Com #4  1400'	<b>NM-26105</b>  Federal 13 Com #3  1693' 1750'  BHL 1138' SHL 725'  1565'	<b>OPERATOR CERTIFICATION</b>  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 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: <i>Natalie Krueger</i> 11/11/2010 Date:  Printed Name: Natalie Krueger
			<b>SURVEYOR CERTIFICATION</b>  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.  JUNE 6, 2008 Date Surveyed: Signature: <i>Gary L. Jones</i> Professional Surveyor 7977  W.O. 7977  Certificate No. Gary L. Jones 7977  BASIN SURVEYS



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

July 6, 2010

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

RE: Federal 13 Com #6  
1310' FNL & 1980' FWL  
Sec. 13, T25S, R26E  
Eddy County, New Mexico

Dear Sir,


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

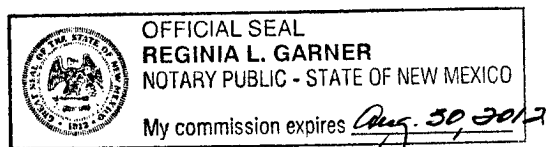
Very truly yours,

  
Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 6<sup>th</sup> day of July, 2010.

  
Regina L. Garner  
Notary Public



# Pason DataHub Deviation Survey 2010/07/16 11:53:16

# Well Dossier 1276918623 - Federal 13 Com #6

#

#	Date	Depth	Deviation	TVD
	6/19/2010	221	0.10	0
	6/20/2010	390	1.40	0
	6/21/2010	689	1.90	0
	6/22/2010	931	1.40	0
	6/22/2010	1220	1.50	1290
	6/22/2010	1538	4.10	1608
	6/24/2010	2300	1.60	2370
	6/24/2010	2800	0.30	0
	6/24/2010	3300	0.50	0
	6/25/2010	3774	0.60	0
	6/25/2010	4274	0.20	4277
	6/25/2010	4772	0.40	0
	6/26/2010	5258	0.80	0
	6/26/2010	5734	0.70	0
	6/27/2010	6232	1.50	0
	6/27/2010	6748	1.00	0
	6/28/2010	7245	1.20	0
	6/28/2010	7727	2.00	0
	6/29/2010	8224	0.50	0
	6/30/2010	8698	0.60	0
	7/1/2010	9197	0.90	0
	7/1/2010	9670	1.10	9740
	7/1/2010	10133	1.20	0

# EOF



# New Mexico Energy, Minerals and Natural Resources Department

**Bill Richardson**  
Governor

**Jim Noel**  
Cabinet Secretary

**Karen W. Garcia**  
Deputy Cabinet Secretary

**Mark Fesmire**  
Division Director  
Oil Conservation Division



Administrative Order DHC-4301

Order Date: 7/30/2010

Application Reference Number: pTGW1018952395

CIMAREX ENERGY CO. OF COLORADO  
15 E 5TH STREET, SUITE 1000  
TULSA, OK 74103

Attention: Zeno Farris

FEDERAL 13 COM Well No. 006  
API No: 30-015-36571  
Unit C, Section 13, Township 25 South, Range 26 East, NMPM  
Eddy County, New Mexico

Pool:	UNDES. SAGE DRAW; WOLFCAMP, EAST (G)	Gas 96890
Names:	WHITE CITY; PENN (GAS)	Gas 87280

Reference is made to your recent application for an exception to Rule 12.9A. of the Division Rules and Regulations to permit the above-described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 12.11A., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion or otherwise required separation of the zones is hereby placed in abeyance.

In accordance with Division 12.11A.(6), the production attributed to any commingled pool within the well shall not exceed the allowable applicable to that pool.

The production allocation percentages of oil and gas between these pools shall be supplied to the Division's Santa Fe office within 60 days following completion of this workover.

**REMARKS:** The operator shall notify the Division's district office upon implementation of commingling operations.

Oil Conservation Division \* 1220 South St. Francis Drive

\* Santa Fe, New Mexico 87505

\* Phone: (505) 476-3440 \* Fax (505) 476-3462\* <http://www.emnrd.state.nm.us>



Pursuant to Rule 12.11B., the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.



MARK E. FESMIRE, P.E.  
Acting Director

MEF/wvj

cc: Oil Conservation Division – Artesia  
Bureau of Land Management - Carlsbad