

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr  
Other \_\_\_\_\_

2. Name of Operator  
Cimarex Energy Co. of Colorado

3. Address  
PO Box 140907; Irving, TX 75014

3a Phone No. (include area code)  
972-443-6489

4. Location of Well (Report Location clearly and in accordance with Federal requirements)\*

At surface 330 FSL & 1650 FEL

At top prod interval reported below

At total depth

NOV 17 2008

OCD-ARTESIA

14. Date Spudded  
04.14.08

15. Date T.D Reached  
04.25.08

16 Date Completed 06.27.08  
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
3711' GR

18 Total Depth. MD 5980'  
TVD

19. Plug Back TD. MD 5960'  
TVD

20. Depth Bridge Plug Set MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Porosity, Resistivity

22 Was well cored? ☒ No ☐ Yes (Submit analysis)

Was DST run? ☒ No ☐ Yes (Submit report)

Directional Survey ☒ No ☐ Yes (Submit copy)

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 Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14 3/4"	11 3/4" H40	42	0'	433'		460sx RFC,CIC		0'	
11"	8 7/8" J55	24	0'	1372'		400sx POZC,CIC		0'	
7 7/8"	5 1/2" J55	17	0'	5980'		728sx Litecrete,PVL		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 3/8"	5,686'							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Blinbry	5074'	5950'	5675'-5875'	0.41	38	Open
B) Paddock	4489'	5074'	5400'-5600'	0.41	36	Open
C)			5050'-5250'	0.41	38	Open
D)			4520'-4823'	0.41	38	Open

26 Perforation Record

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
5675'-5875'	2500 gal 15% HCl, 57 bioballs, 500# 16/30 White Sand
5400'-5600'	2500 gal 15% HCl, 55 bioballs, spearheaded 2500 gal 15% HCl, 67703# 16/30 White Sand, 21901# Siberprop 16/30 Sand
5050'-5250'	2500 gal 15% HCl, 55 bioballs, spearheaded 3759 gal 15% HCl, 77444# 16/30 White Sand, 38944# Siberprop 16/30
4520'-4823'	3000 gal 15% HCl, 50 bioballs, 26999 gal SW, 60668# gal 30/50 White Sand, 14330# 16/30 Siberprop

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 BTU	Production Method
06.27.08	07.03.08	24	→	6	43	260	39.4	1.280	Pumping
Choke Size	Tbg Press Flwg 120	Csg. Press. 50	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
32/64	SI 350		→				7167	Producing	

28. 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
			→						
Choke Size	Tbg Press Flwg	Csg. Press.	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		→						

\* (See instructions and spaces for additional data on page 2)

Accepted for record - NMOCD

## 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.)

Sold

## 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
				Queen	2229'
				San Andres	2955'
				Glorieta	4409'
				Paddock	4489'
				Blaine	5074'
				Tubb	5950'

## 32. Additional remarks (include plugging procedure):

06-27-08 Installed 2½" x 2" x 20' RHBC Quinn Frac Pump.

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
 ☐ Other:

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

Name (please print) Natalie Krueger Title Regulatory AnalystSignature: Natalie Krueger Date November 11, 2008

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.

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 30-015-36233	Pool Code 96718	Pool Name Loco Hills; Glorieta-Yeso
Property Code	Property Name HYDRUS "10" FEDERAL	Well Number 1
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3711'

Surface Location

UL or lot No. 0	Section 10	Township 17 S	Range 30 E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 1650	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 40	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

<p><b>SURFACE LOCATION</b> Lot - N32°50'33.58" Long - W103°57'23.51" NMSPEC - N 670499.7 E 657055.6 (NAD-83)</p>	<p>3705.9' - 3708.8' 330' 1650' 3706.3' - 3709.2'</p>	<p><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.  Natalie Krueger 11-11-08 Signature Date Natalie Krueger Printed Name</p> <p><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.  JANUARY 17, 2008 Date Surveyed Signature of Surveyor Professional Surveyor 7977 Certificate No. Gary L. Jones 7977 BASIN SURVEYS</p>
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WELL NAME AND NUMBER Hydrus 10 Federal #1  
LOCATION Section 10, T17S, R30E, 330 FSL, 1650 FEL, Eddy County  
OPERATOR Cimarex Energy  
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation test and obtained the following results:

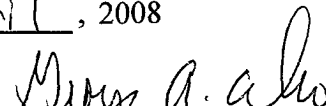
Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
1/2 @ 280'		
1-1/2 @ 744'		
1-1/4 @ 1033'		
1 @ 1372'		
1 @ 1620'		
1 @ 1899'		
1/2 @ 2125'		
1 @ 2752'		
1/2 @ 3004'		
1/2 @ 3258'		
1/2 @ 3552'		
1/2 @ 4278'		
1/2 @ 4750'		
1/2 @ 5225'		
1/2 @ 5657'		
1 @ 5946'		

Drilling Contractor- UNITED DRILLING, INC.

By:   
(Luisa Garcia)

Title: Assistant Office Manager

Subscribed and sworn to before me this 28 day of April, 2008

  
Notary Public

Chaves NM  
County State

My Commission Expires:

10-8-08