

MAR 30 2009

FORM APPROVED  
OMB NO 1004-0137  
Expires March 31, 2007

AM

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 Resvr  
Other \_\_\_\_\_

2 Name of Operator  
Cimarex Energy Co. of Colorado

3 Address  
5215 N. O'Connor Blvd. ste 1500 Irving, Tx 75039

3a Phone No (include area code)  
972-401-3111

4 Location of Well (Report Location clearly and in accordance with Federal requirements)\*  
At surface 2310FSL & 1650 FEL

5 Lease Serial No  
NM-074937

6 If Indian, Allottee or Tribe Name

7 Unit or CA Agreement Name and No

8 Lease Name and Well No.  
Hydrus 10 Federal 5

9 API Well No  
30-015-36543

10 Field and Pool, or Exploratory  
Loco Hills; Glorieta-Yeso 96718

11 Sec, T, R, M, on Block and Survey or Area  
10-17S-30E

12 County or Parish  
Eddy

13 State  
NM

14 Date Spudded  
10.21.08

15 Date T D Reached  
11.05 08

16 Date Completed  
11.25.08  
 D & A  Ready to Prod

17 Elevations (DF, RKB, RT, GL)\*  
3706' GR

18 Total Depth TD 6000'

19 Plug Back TD TD 5916'

20 Depth Bridge Plug Set

21 Type Electric & Other Mechanical Logs Run (Submit copy of each)  
No logs were run on this well

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" H-40 stc	42#	0'	455'		470 sx Thix/PP		0' Circ	
11"	8 3/4" J-55 stc	24#	0'	1365'		450 sx class C		0' circ	
7 7/8"	5 1/2" J-55 LTC	17#	0'	6000'		980 sx class H		0' circ	

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 7/8"	5632'	4102'	AS-1 5 1/2" X2 7/8"					

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Blinebry	5150'	6000'	5673-5890	0.41	40	open
B) Blinebry	5150'	6000'	5260-5554	0.41	38	open
C) Blinebry	5150'	6000'	5013-5191	0.41	38	open
D) Paddock	4040'	5150'	4530-4774	0.41	38	open

26 Perforation Record

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
	Please see attachment.

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
11 26.08	12 03.08	24	→	14	55	400	38.62	1.289	Pumping
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
26/64	SI 250	60	→	14	55	400	3929	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		→						

RECORDED FOR RECORD  
MAR 28 2009  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

AMR

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

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
				Yates	2,475'
				Glorietta	3,910'
				Paddock	4,040'
				Blinebry	5,150'

32 Additional remarks (include plugging procedure)

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 C-102, Inclination report

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) Scott Haynes Title Regulatory Analyst  
 Signature *Scott Haynes* Date March 18, 2009

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

Acid, Fracture, Treatment, Cement Squeeze, etc. Attachment

**Hydrus 10 Federal 5**

10-17S-30E

Eddy County, NM

Depth Interval	Amount and Type of Material Used
<p><b>Stage 1</b> 5673' 5890'</p>	<p>Acidize with 64 BLS 15% HCL, drop 38 RCBS, Avg. rate 13.2 BPM at 1370#, Good ball action, ISIP 4199#, Surge balls off, 5 Min. SI 1537 #, Flush Spearhead 2500 gals acid ahead of frac. Pumped 68,000# of 16/30 White Sand, 24,233# 16/30 Siber Prop ( 92,233# Total ). Ramp from 1/4 to 3 PPG, Siber prop 3 PPG. Spot 1000 gals. Acid on flush, Avg. rate 76 BPM @ 4059#, Max rate 80 BPM 4340#. ISIP 2112#, 5 Min. 1753#, 10 Min. 1686, 15 Min. 1647#.</p>
<p><b>Stage 2</b> 5260'-5554'</p>	<p>Pump 60 BBLS 15 % HCL,drop 36 RCBS, Avg. rate 19 BPM @ 2675, Ballout end of acid, Surge off balls, ISIP 1735. Start Frac. Pump 69,761# 16/30 White 1/4PPG to 3 PPG, 18,798# 16/30 Siber @ 3 PPG. Avg. rate 79.9 BPM @ 3839 #, Max. 80 BPM @ 4057 #, Spot 1000 Gals. Acid on flush. ISIP 1986#, 5 Min. 1830#, 10 Min. 1689#, 15 Min. 1636#.</p>
<p><b>Stage 3</b> 5013'-5195'</p>	<p>Acidize with 60 BLS 15%HCL For.Brk. 3032#, Drop 36 RCBS, Avg. rate 17 BPM @ 2500 Psi,1850#, Surge balls, 5 Min. 1745, Start frac,pump 69,041# Of 16/30 white snd. ramp from 1/4 to 3 PPG, 18,484# of 16/30 Siberprop @ 3 PPG, Avg. rate 79.4 BPM @ 3150#, Max 79.4@ 3945 Psig. ISIP 2019#,5 Min 1690#, 10 Min. 1608#,15Min 1562#. Spot 1000 gals 15% on flush.</p>
<p><b>Stage 4</b> 4530'-4774'</p>	<p>Start Acid Job, Formation Broke @ 4174 #, Pumped 71 BBLS Of 15 % HCL drop 34 RCBS, good breaks &amp; ball action, Flush, ISIP 1926#, Surge balls, 5 Min. 1736#, Spearhead 79 BBLS 15% HCL ahead of frac. Pump 92,055# of 16/30 white sand, ramp from 1/4 to 3 PPG, 11,155# of 16/30 Siberprop ( 103,210 # Total ). Avg. rate 78.7 BPM @ 4100 #, Max. 78.8 @ 4534 #.</p>

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II  
1501 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 <b>30-015-36543</b>	Pool Code <b>96718</b>	Pool Name <b>Loco Hills; Glorieta-Yeso</b>
Property Code <b>370059</b>	Property Name <b>HYDRUS "10" FEDERAL</b>	Well Number <b>5</b>
OGRID No. <b>162683</b>	Operator Name <b>CIMAREX ENERGY CO. OF COLORADO</b>	Elevation <b>3706'</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	10	17 S	30 E		2310	SOUTH	1650	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	Joint or Infill	Consolidation Code	Order No.
40	Y		

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>          Lat - N32°50'53.17"          Long - W103°57'23.57"          NMSPCE - N 672479.0          E 657049.3          (NAD-83)</p>		<p>OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p><i>Scott Haynes</i> 03-18-09          Signature Date</p> <p>Scott Haynes          Printed Name</p>
		<p>SURVEYOR CERTIFICATION</p> <p><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></p> <p>2008          Date          Signature          Professional Surveyor          7977</p>
		<p>Certificate No. Gary L. Jones 7977</p>
		<p>BASIN SURVEYS</p>