

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

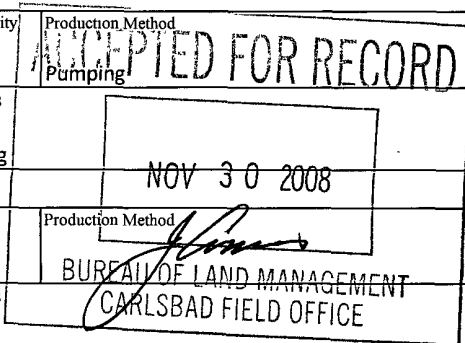
FORM APPROVED
OMB NO 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 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 Resvr Other _____						5. Lease Serial No NM-074937			
2. Name of Operator Cimarex Energy Co. of Colorado						6. If Indian, Allottee or Tribe Name			
3 Address PO Box 140907; Irving, TX 75014				3a Phone No (include area code) 972-443-6489		7. Unit or CA Agreement Name and No.			
4 Location of Well (Report Location clearly and in accordance with Federal requirements)* <div style="display: flex; justify-content: space-between;"> At surface 1800' FSL & 990' FEL </div> <div style="text-align: center; margin-top: 10px;"> DEC - 2 2008 OCD-ARTESIA </div>						8 Lease Name and Well No. Hydrus 10 Federal 4			
At total depth						9. API Well No 30-015-36331			
14 Date Spudded 06.08.08						15 Date T.D. Reached 06.21.08			
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod						17 Elevations (DF, RKB, RT, GL)* 3714' GR			
18 Total Depth. TD 6,000'		19 Plug Back TD TD 5,909'		20. Depth Bridge Plug Set MD TVD					
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) HRLA, HNGS, PEX						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 report) Directional Survey <input checked="" type="checkbox"/> No <input type="checkbox"/> 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'	464'		500 sx Class C		did not Circulate	
						1" Top job 264 sx		Surface	
11"	8 5/8" J55	24	0'	1,376'		650 sx POZ/C		Surface	
7 7/8"	5 1/2" J55	17	0'	6,000'		830 sx litecrete		Surface	
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"	5,609'	4,422'	5 1/2" X 2 7/8"						
25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status			
A) Blinebry	5,091'	5,911'	5660'-5860'	0.41	48	Open			
B) Blinebry	5,091'	5,911'	5400'-5600'	0.41	38	Open			
C) Blinebry	5,091'	5,911'	5140'-5330'	0.41	36	Open			
D) Paddock	4,507'	5,091'	4552'-4820'	0.41	38	Open			
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
		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
07.18.08	09.15.08	24	→	50	80	480	39.31	1.3	Pumping
Choke Size	Tbg Press Flwg	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
34/64	SI 220	60	→				1,600	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.*)

Gas sold 7-23-08 to 9-4-08, Well SI for completion in Paddock formation 9-4-08 to 9-13-08, Gas 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	2,235'
				San Andres	2,955'
				Glorietta	4,423'
				Paddock	4,507'
				Blinberry	5,091'
				Tubb	5,911'

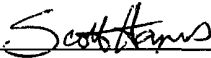
32. Additional remarks (include plugging procedure):

2 1/2"x2"x20' HHBC Quinn pump installed.

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: PEAK Systems Drawing, Frac Job, Deviation/well path

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  Date October 22, 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.

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

Hydrus 10 Federal 4

10-17S-30E

Eddy County, NM

Depth Interval	Amount and Type of Material Used
5660'-5860'	1000 gals 8% Acidic spotted across perms. Pump 59.5 bbl of 15% HCl Drop 72 Bio balls. Spearhead 59 bbls acid, pad 130 bbls. Ramp 71,006 # of 16/30 White Sand 1/4 PPG to 3 PPG. Tail with 16,857# of Super LC 3PPG, (Total sand 87,863)
5400'-5600'	Pump 59.3 BBLS 15% Hcl, drop 54 Bio balls. Spearhead 59 BBLS acid, pump 190 BBLS pad, Ramp 73,226# 16/30 White sand from 1/4 PPG to 3 PPG, Tail with 21,130# of 16/30 Suoer LC at 3 PPG, (Total sand 94,356#)
5140'-5330'	Pump 60.6 BBLS 15% Hcl, drop 54 Bio balls. Spearhead 158 BBLS acid, pump 295 BBLS pad, Ramp 58,688# 16/30 White sand from 1/4 PPG to 2 1/2 PPG, Tail with 26,136# of 16/30 Suoer LC at 3 PPG, (Total sand 94,356#)
4552;-4820'	Pump 101 BBLS 15% HCl, dropped 50 RCBS balls. Pump 316 BBLS pad, Ramp 110,841# 16/30 white sand .3 PPG to 3PPG. Pump 15,172# of 16/30 siberprop sand (Total sand 126,013#)

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 30-015-36331	Pool Code 96718	Pool Name Loco Hills; Glorieta Yeso
Property Code	Property Name HYDRUS "10" FEDERAL	Well Number 4
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3714'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	10	17 S	30 E		1800	SOUTH	990	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.						

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 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> Signature Date 10-22-08 Printed Name Scott Haynes
	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> APRIL 2 2008 Date Surveyed Signature & Seal of Gary L. Jones, Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS

WELL NAME AND NUMBER Hydrus 10 Ferderal #4

LOCATION Section 10, T 17S, R 30E, 1800 FSL, 990 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
1-1/2 @ 225'	1/2 @ 4589'	
3/4 @ 464'	1/2 @ 4873'	
1 @ 715'	1/2 @ 5126'	
1 @ 996'	1/2 @ 5378'	
1 @ 1487'	1/2 @ 5567'	
1 @ 1710'	1/2 @ 5849'	
1 @ 1966'		
1 @ 2218'		
1 @ 2481'		
1 @ 2733'		
1 @ 2986'		
1 @ 3200'		
1/2 @ 3450'		
1/2 @ 3744'		
1 @ 3994'		
1/2 @ 4335'		

Drilling Contractor- UNITED DRILLING, INC.

By: _____

Luisa Garcia

(Luisa Garcia)

Title: _____

Assistant Office Manager

Subscribed and sworn to before me this 23 day of June, 2008

Dwight A. Chaves

Notary Public

Chaves, NM

County

State

My Commission Expires:

10-8-08