

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						5. Lease Serial No. NM-074937			
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr Other <u>Horizontal Re-entry</u>						6. If Indian, Allottee or Tribe Name			
2. Name of Operator Cimarex Energy Co. of Colorado						7. Unit or CA Agreement Name and No.			
3. Address PO Box 140907; Irving, TX 75014				3a. Phone No. (include area code) 972-443-6489		8. Lease Name and Well No. Hydrus 10 Federal 2			
4. Location of Well (Report Location clearly and in accordance with Federal requirements)*						9. API Well No. 30-015-36186 <b>0051</b>			
At surface 1725' FSL & 2310' FEL						10. Field and Pool, or Exploratory Loco Hills; Glorieta, Yeso			
At top prod. interval reported below						11. Sec., T, R, M., on Block and Survey or Area 10-175-30E			
At total depth 1725' FSL & 2310' FEL						12. County or Parish Eddy		13. State NM	
14. Date Spudded 03.22.08		15. Date T.D. Reached 04.07.08		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04.28.08		17. Elevations (DF, RKB, RT, GL)* 3701' GR			
18. Total Depth. TD 6,000'		19. Plug Back TD. TD 5,952'		20. Depth Bridge Plug Set. MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  HRLA, HNGS/TDLD, CNL/GR						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'	433'		430 sx Class C		did not Circulate	
11"	8 5/8" J55	24	0'	1,350'		1" Top job 225 sx		Circ. 25	
7 7/8"	5 1/2" J55	17	0'	6,000'		461 sx 50:50 POZ		Surface	
						1175 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"	5,674'	4,081'	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		5,032'	5,928'	5710'-5910'		0.41	36	Open	
B) Blinebry		5,032'	5,928'	5370'-5570'		0.41	36	Open	
C) Blinebry		5,032'	5,928'	5100'-5300'		0.41	36	Open	
D) Paddock		4,470'	5,031'	4505'-4758'		0.41	36	Open	
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
5710'-5910'		Acid w/2500 gals 15% HCL carrying 54 Bio Balls. Frac w/ spearhead of 2500 gals 15% HCL, ramp 39,170# 16/30 white sand.							
5370'-5570'		Acid w/2500 gals 15% HCL carrying 54 Bio Balls. Frac w/ spearhead of 2500 gals 15% HCL, ramp 72,170# 16/30 white sand and 19,983# 16/30 Siber prop.							
5100'-5300'		Acid w/2500 gals 15% HCL carrying 54 Bio Balls. Frac w/ spearhead of 2500 gals 15% HCL, ramp 63,048# 16/30 white sand and 42,784# 16/30 Siber prop.							
4505'-4758'		Acid w/3000 gals 15% HCL NEFE carrying 50 Bio Balls. Frac w/ 14,956 gals gelled pad, pump 87,200 gals carrying 115,660# 16/30 white sand, pump 8,879 gals carrying 18,500# Siber prop.							
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
04.29.08	06.30.08	24	→	53	186	90	38.5	1.2	Pumping
Choke Size	Tbg. Press Flwg	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
40/64	SI 150	50	→				3,509	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

DAVID R. GLASS  
SEP 22 2008  
DAVID R. GLASS  
PETROLEUM ENGINEER

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 Vented for testing from 4-28-08 to 5-26-08, Well SI for completion in Paddock formation, Gas vented for testing from 6-05-08 to 6-25-08, 1st sales 6-26-08

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	2,220'
				San Andres	2,946'
				Glorietta	4,410'
				Paddock	4,470'
				Blinberry	5,032'
				Tubb	5,929'

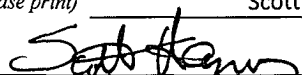
32. Additional remarks (include plugging procedure):

2 1/2"x2"x20' RHBC rod 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 September 15, 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 30-015-36186	Pool Code 96718	Pool Name Loco Hills; Glorieta, Yeso
Property Code	Property Name HYDRUS "10" FEDERAL	Well Number 2
GRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3704'

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		1725	SOUTH	2310	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

<p><u>SURFACE LOCATION</u> Lat - N32°50'47.40" Long - W103°57'31.31" NMSPCE- N 671893.6 E 656391.3 (NAD-83)</p> <p>SHL-1725' FSL &amp; 2310 FEL</p>	<p>NM-074937</p> <p>3705.8' - 3709.7'</p> <p>3708.4' - 3707.1'</p> <p>1725'</p> <p>2310'</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>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.</p> <p><i>Scott Haynes</i> 9-15-2008 Signature Date</p> <p>Scott Haynes Printed Name</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>FEBRUARY 10, 2008 Date Surveyed</p> <p>GARY L. JONES Signature &amp; Seal of New Mexico Professional Surveyor</p> <p>W.O. Jones Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>
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WELL NAME AND NUMBER Hydrus 10 Federal #2

LOCATION Section 10, T17S. R30E, 1725 FSL, 2310 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:

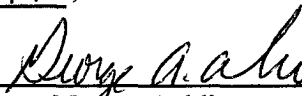
Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
1/2 @ 81'		
2-3/4 @ 431'		
2-3/4 @ 484'		
2 @ 610'		
1-1/2 @ 773'		
3/4 @ 1019'		
3/4 @ 1515'		
1/4 @ 2020'		
1/2 @ 2500'		
1/2 @ 3000'		
1/4 @ 3505'		
1/4 @ 4010'		
3/4 @ 4514'		
3/4 @ 5020'		
1 @ 5531'		
1 @ 5968'		

Drilling Contractor- UNITED DRILLING, INC.

By:   
(Luisa Garcia)

Title: Assistant Office Manager

Subscribed and sworn to before me this 14 day of April, 2008

  
Notary Public

Chaves NM  
County State

My Commission Expires:

10-8-08