

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOCT 09 2008  
OCD-ARTESIAFORM 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. LC-060524					
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 _____						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. Vega 9 Federal No. 1					
4. Location of Well (Report Location clearly and in accordance with Federal requirements)*  At surface 2310' FNL & 660' FWL  At top prod. interval reported below  At total depth						9. API Well No. 30-015-36234					
14. Date Spudded 05.04.08						15. Date T.D. Reached 05.15.08		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05.28.08		10. Field and Pool, or Exploratory Loco Hills; Glorieta-Yeso	
18. Total Depth MD 5995' TVD				19. Plug Back TD MD 5901' TVD		20. Depth Bridge Plug Set MD TVD				11. Sec., T., R., M., on Block and Survey or Area 9-17S-30E	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  PEX-HRLA-HNGSCNL-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)		12. County or Parish Eddy		13. State NM	
23. Casing and Liner Record (Report all strings set in well)						17. Elevations (DF, RKB, RT, GL)* 3674' GL					
Hole Size	Size/Grade	Wt (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled		
14 3/4"	11 3/4" H40	42	0'	432'		350 sx class C		0'			
11"	*8" J-55	24	0'	1355'		460 sx POZ/class C		0'			
7"	5 1/2" J-55	17	0'	5995'		855 sx Lite/PVL		0'			
*Casing set by Matador Operating Co. in 08-08											
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 1/2"	4886'										
25. Producing Intervals					26. Perforation Record						
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status					
A) Blinebry	5280'	5818'	5525'-5725' (Blinebry)	0.41	48	Producing					
B) Paddock	4390'	5280'	5250'-5450' (Blinebry/Paddock)	0.41	36	Producing					
C) Paddock			4975'-5175' (Paddock)	0.41	36	Producing					
D)											
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	Production Method		
05.30.08	06.18.08	24	→	11	30	330	36.56	1.3347	Pumping		
Choke Size	Tbg Press Flwg	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
48/64	SI 250	40	→	11	30	330	2,727	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)

## 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
				Grayburg/San Andres	3020'
				Glorieta	4280'
				Paddock	4390'
				Blinberry	5280'
				Tubb	5818'

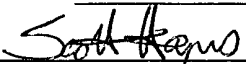
## 32. Additional remarks (include plugging procedure):

- Rod Pump: 2½" x 2" x 20' RHBC

## 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*) Scott Haynes Title Regulatory Analyst  
 Signature  Date October 7, 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

**Vega 9 Federal No. 1**

9-17S-30E

Eddy County, NM

Depth Interval	Amount and Type of Material Used
5525'-5725'	Pump 2500 gals 15% HCL, drop 100 bio balls. Flush with 10 bbls water. Spearhead 2500 gals of 15% HCl. Pump 69909 lbs of 16/30 white sand, tail in 23900 lbs of super LC 16/30 sand ramp sand from 1/4 ppg to 3 ppg. Spot 1000 gal 15% HCL ahead of flush.
5250'-5450'	Pump 2500 gals 15% HCL, drop 54 bio balls. Flush with 10 bbls water. Spearhead 2500 gals of 15% HCl followed by 191 BBL pad ramp sand from 1/4 ppg to 3 ppg. 68100 # of 16/30 white sand, 24213 # of Super LC. Spot 1000 gal 15% HCL ahead of flush.
4975'-5175'	Pump 2500 gals 15% HCL, drop 54 bio balls. Spearhead 3900 gals of 15% HCl Ahead of frac, Pump 67691 lbs 16/30 white sand, 21205 lbs super LC. Ramp sand from 1/4 ppg to 3 ppg.

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>30-015-36234</b>	Pool Code <b>96718</b>	Pool Name <b>Loco Hills; Glorieta-Yeso</b>
Property Code <b>32071</b>	Property Name <b>VEGA "9" FEDERAL</b>	Well Number <b>1</b>
OGRID No. <b>162683</b>	Operator Name <b>CIMAREX ENERGY CO. OF COLORADO</b>	Elevation <b>3674'</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
<b>E</b>	<b>9</b>	<b>17 S</b>	<b>30 E</b>		<b>2310</b>	<b>NORTH</b>	<b>660</b>	<b>WEST</b>	<b>EDDY</b>

**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 <b>40</b>	Joint or Infill	Consolidation Code	Order No.
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**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°50'59.86" Long - W103°59'00.29" NMSPCE- N 673127.4 E 648796.5 (NAD-83)</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> 10-8-08 Signature Date</p> <p><b>Scott Haynes</b> 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><b>JANUARY 17, 2008</b></p> <p>Date Surveyed Signature <i>Gary L. Jones</i> Professional Surveyor</p>	
	<p>Certificate No. <b>Gary L. Jones 7977</b></p>	
	<p><b>Basin Surveys</b></p>	

WELL NAME AND NUMBER Vega 9 Federal # 1

LOCATION Section 9, T17S, R30E, 2310 FNL, 660 FWL, 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 @ 237'	1 @ 4108'	
1/2 @ 400'	1-3/4 @ 4356'	
1/2 @ 930'	1 @ 4669'	
1-1/4 @ 1315'	1/2 @ 4930'	
1/2 @ 1558'	1/4 @ 5112'	
1 @ 1810'	3/4 @ 5399'	
3 @ 2346'	1/2 @ 5965'	
3-1/4 @ 2428'		
3 @ 2534'		
2-1/2 @ 2629'		
1-1/2 @ 2775'		
1-1/2 @ 2934'		
1-3/4 @ 3187'		
1-3/4 @ 3415'		
1-1/4 @ 3536'		
1-1/2 @ 3784'		

Drilling Contractor- UNITED DRILLING, INC.

By: \_\_\_\_\_

*Luisa Garcia*

(Luisa Garcia)

Title: Assistant Office Manager

Subscribed and sworn to before me this 21 day of May, 2008

*George A. also*  
Notary Public

*Chaves* *NM*  
County State

My Commission Expires:

10-8-08