

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. 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. 2			
4. Location of Well (Report Location clearly and in accordance with Federal requirements)* At surface 330' FNL & 810' FWL At top prod. interval reported below At total depth				9. API Well No. 30-015-36328		10. Field and Pool, or Exploratory Loco Hills; Glorieta-Yeso			
14. Date Spudded 05.21.08				15. Date T.D. Reached 06.01.08		11. Sec., T., R., M., on Block and Survey or Area 9-17S-30E			
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.				17. Elevations (DF, RKB, RT, GL)* 3695' GL		12. County or Parish Eddy			
18. Total Depth: TD 6,005'				19. Plug Back TD: TD 5,893'		13. State NM			
20. Depth Bridge Plug Set. MD TVD				21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 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)									
23. Casing and Liner Record (Report all strings set in well)									
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'	447'		345 sx class C		0'	
11"	8 7/8" J-55	24	0'	1375'		475 sx POZ/class C		0'	
7 7/8"	5 1/2" J-55	17	0'	6005'		975 sx Lite/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 7/8"	5572'	4623'	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	4,911'	5,786'	5572'-5770'	0.41	48	Producing			
B) Blinebry	4,911'	5,786'	5300'-5500'	0.41	38	Producing			
C) Blinebry	4,911'	5,786'	4950'-5150'	0.41	36	Producing			
D) Paddock	4,408'	4,911'	4495'-4648'	0.41	38	Producing			
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
06.18.08	08.12.08	24	→	60	80	130	38.34	1.3363	Pumping
Choke Size	Tbg Press Flwg	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
open	SI 100	60	→	60	80	130	1,333	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

ACCEPTED FOR RECORD
OCT 22 2008
JERRY FANT
PETROLEUM GEOLOGIST

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
				San Andres	2,869'
				Glorieta	4,319'
				Paddock	4,408'
				Blinbry	4,911'
				Tubb	5,786'

32. Additional remarks (include plugging procedure):

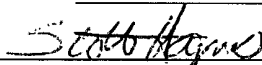
- Rod Pump: 2½" x 2" x 20' RHBC

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 17, 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. 2

9-17S-30E

Eddy County, NM

Depth Interval	Amount and Type of Material Used
5570'-5770'	Pump 2500 gals 15% HCL, drop 75 bio balls. Flush with 20 bbls water. Spot 1000 gals of 15% HCL ahead of frac. Pump 58,660 lbs of 16/30 white sand, tail in 18,000 lbs of siber prop 16/30 sand (76,660# Total), ramp sand from 1/4 ppg to 3 ppg. Spot 1000 gal 15% HCL ahead of flush.
5300'-5500'	Pump 2500 gals 15% HCL, drop 55 bio balls. Flush with 10 bbls water. Spearhead 1000 gals of 15% HCL Pump 69,400# of 16/30 white sand, 23,650 # of siberprop (93,050# total). Ramp from 1/4ppg to 3ppg.
4950'-5150'	Pump 2500 gals 15% HCL, drop 55 bio balls. Spearhead 1000 gals of 15% HCL Ahead of frac, Pump 60,780# 16/30 white sand, and 13,112# of 16/30 Siber prop (73,892# Total). Ramp from 1/4 PPG to 3 PPG.
4495'-4648'	Pumped 71.4 bbls 18% HCL, flush with 32.4 bbls tail with 108 bbls. Frac with 112,500# of 16/40 white sand from 1/3 PPG to 3 PPG, Tail with 12,600# of 16/30 Siber prop (125,100# total).

DISTRICT I
1828 N. French Dr., Hobbs, NM 88240

DISTRICT II
1801 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brason Rd., Artesia, NM 87410

DISTRICT IV
1820 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2003

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 30-015-36328	Pool Code 96718	Pool Name Loco Hills; Glorieta-Yeso
Property Code	Property Name VEGA "9" FEDERAL	Well Number 2
OGED No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3695'

Surface Location

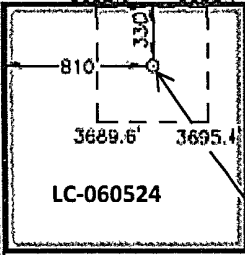
UL or lot No. D	Section 9	Township 17 S	Range 30 E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 810	East/West line WEST	County EDDY
--------------------	--------------	------------------	---------------	---------	----------------------	---------------------------	----------------------	------------------------	----------------

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>SURFACE LOCATION Lat - N32°51'19.45" Long - W103°58'58.53" NAD83 - N 675107.1 E 848939.8 (NAD-83) 330 FNL & 810 FWL</p>		

OPERATOR CERTIFICATION

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 undivided 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.

Scott Haynes 10-17-08
Signature Date

Scott Haynes
Printed Name

SURVEYOR CERTIFICATION

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.

APRIL 2, 2008
Date Surveyed

Gary L. Jones
Signature & Seal
Professional Surveyor

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

WELL NAME AND NUMBER Vega 9 Federal #2

LOCATION Section 9, T17S, R30E, 330 FNL, 810 FWL, Eddy County

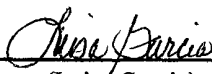
OPERATOR Cimarex Energy

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:

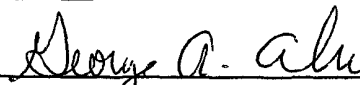
Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
1/2 @ 238'	1/2 @ 4279'	
3/4 @ 680'	1/2 @ 4437'	
1/2 @ 930'	1 @ 4658'	
1 @ 1140'	2-1/2 @ 4681'	
1 @ 1335'	1-1/2 @ 4795'	
1/2 @ 1492'	1-3/4 @ 4827'	
3/4 @ 1764'	1-3/4 @ 4966'	
1/4 @ 1989'	1-3/4 @ 5305'	
1 @ 2336'	1-1/2 @ 5432'	
1 @ 2639'	1-1/2 @ 5827'	
3/4 @ 2936'	1-1/2 @ 6005'	
3/4 @ 3188'		
3/4 @ 3449'		
1 @ 3727'		
1/2 @ 3817'		
1/2 @ 4049'		

Drilling Contractor- UNITED DRILLING, INC.

By: 
(Luisa Garcia)

Title: Assistant Office Manager

Subscribed and sworn to before me this 4 day of June, 2008


Notary Public
Chaves, New Mexico
County State

My Commission Expires:

10-8-08