

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

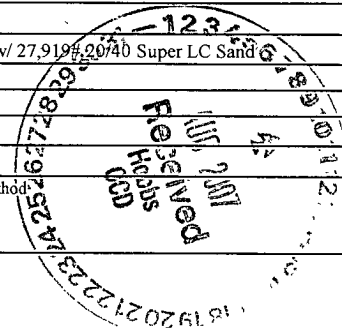
COPY

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-4314			
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. Pipeline B 5 Federal No. 2			
4. Location of Well (Report Location clearly and in accordance with Federal requirements)*  At surface 1650' FSL & 1980' FWL  At top prod. interval reported below 1650' FSL & 1980' FWL  At total depth 1650' FSL & 1980' FWL						9. API Well No 30-025-38044			
						10. Field and Pool, or Exploratory E-K, Bone Spring			
						11. Sec, T, R, M., on Block and Survey or Area 5-19S-34E			
						12. County or Parish Lea	13. State NM		
14. Date Spudded 02 19 07		15. Date TD Reached 03 18 07		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 04 18 07		17. Elevations (DF, RKB, RT, GL)* 3821' GR			
18. Total Depth. MD 10300' TVD		19. Plug Back TD. MD 10208' TVD		20. Depth Bridge Plug Set MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  SDN, DLL				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
17-1/2"	13-3/8" H-40	48	0	460'		450 sx POZC/CIC		0	
11"	8-5/8" J-55	32	0	3504'		1264 sx POZC/CIC		0	
7-7/8"	5-1/2" P-110	17	0	10300'		1130 sx POZH/PVL		900'	
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"	9671'								
25. Producing Intervals									
Formation		Top	Bottom	Perforated Interval		Size	No Holes	Perf Status	
A) E-K; Bone Spring		7815'	TD	9674'-9854'		0 34	108	Producing	
B)				9340'-9360' TCP Guns		0 48	81	Producing	
C)									
D)									
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, etc									
Depth Interval		Amount and Type of Material							
9674'-9854'		10,000 gal w/ 11,485# 20/40 Super LC Sand, 30,000 gal w/ 102,793# 20/40 Super LC Sand, 5,749 gal w/ 27,919# 20/40 Super LC Sand							
9340'-9360'		137,425 scf N2 w/ 4,000 gal 15% Ferchek HCl							
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
04 18 07	04 20 07	24	→	43	48	167	33 8	1 321 BTU	Pumping
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			→				896	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)



dm

## 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
				Rustler	1,650
				Yates	3,230
				7 Rivers	3,770
				Queen	4,475
				Capitan	5,090
				Delaware	5,275
				Brushy Canyon	6,355
				Bone Spring	7,815
				FBSS	9,101
				SBSC	9,366
				SBSS	9,652
				TBSC	10,146

## 32 Additional remarks (include plugging procedure)

2-1/2" x 1-1/2" x 24' RHBM HVR Lubri-Pump installed 04-13-07.

## 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) Natalie Krueger Title Reg Analyst I

Signature Natalie Krueger Date August 9, 2007

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