

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Confidentiality Requested

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED  
OCT 21 2010  
HOBBSFORM APPROVED  
OMB NO 1004-0137  
Expires March 31, 2007

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-063586			
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 600 N. Marienfeld St., Ste. 600; Midland, TX 79701				3a Phone No (include area code) 432-571-7800		8 Lease Name and Well No Southern California 29 Federal No. 15			
4 Location of Well (Report Location clearly and in accordance with Federal requirements)*  At surface 375 FSL & 330 FWL  At top prod interval reported below 375 FSL & 703 FWL  At total depth 366 FSL & 366 FEL						9 API Well No. 30-025-39634			
						10 Field and Pool, or Exploratory Lusk; Bone Spring, South			
						11 Sec, T., R., M., on Block and Survey or Area 29-19S-32E			
14 Date Spudded 01.22.10				15 Date T D Reached 03.13.10		16 Date Completed 04.30.10 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod			
18 Total Depth MD 13715' (in horizontal section) TVD 9321'		19 Plug Back TD MD 13627' (in vertical section) TVD 9322'		20 Depth Bridge Plug Set MD TVD		17 Elevations (DF, RKB, RT, GL)* 3545' GR			
21 Type Electric & Other Mechanical Logs Run (Submit copy of each)  SDL-DSN-DLL-MGRD-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 type="checkbox"/> No <input checked="" 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 3/4" H-40	48#	0'	924'		700 sx C		0'	
12 1/2"	9 5/8" J-55	40#	0'	4132'	2473'	1215 sx Econocem/HalcemC		0'	
8 3/4"	7" P-110	26#	0'	8550'		950 sx POZH/H		2870'	
6 1/2"	4 1/2" P-110	11.6# BTC	8324'	9361'		420 sx PVL		0'	
6 1/2"	4 1/2" P-110	11.6# LTC	9383'	13675'		"		"	
* horizontal section									
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"	8289'								
25 Producing Intervals					26 Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status			
A) Bone Spring	9499'	13621'	12919-13621	0.35	40	Open			
B)			12019-12721	0.41	40	Open			
C)			11119-13621	0.41	40	Open			
D)			10219-10921	0.41	40	Open			
			9499-10021	0.41	40	Open			
27 Acid, Fracture, Treatment, Cement Squeeze, etc									
Depth Interval	Amount and Type of Material								
12919-13621	2797 gals of 15% HCL acid, 30507 gals 20# Linear gel, 68428 gals 20# XL Borate gel, 134764# 20/40 White Sand & 74996# 20/40 SB Excel								
12019-12721	3007 gals of 15% HCL acid, 28975 gals 20# Linear gel, 68189 gals 20# XL Borate gel, 121881# 20/40 White Sand & 62279# 20/40 SB Excel								
11119-13621	2375 gals of 15% HCL acid, 26371 gals 20# Linear gel, 66373 gals 20# XL Borate gel, 143399# 20/40 White Sand & 60036# 20/40 SB Excel								
10219-10921	2533 gals of 15% HCL acid, 23887 gals 20# Linear gel, 67084 gals 20# XL Borate gel, 118944# 20/40 White Sand & 75556# 20/40 SB Excel								
9499-10021	6967 gals of 15% HCL acid, 20616 gals 20# Linear gel, 67751 gals 20# XL Borate gel, 138,201# 20/40 White Sand & 50829# 20/40 SB Excel								
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
04.30.10	05.27.10	24	→	638	1359	410	41	btu 1.371	Pumping
Choke Size	Tbg Press Flwg	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		
16/64	SI 300	300	→				2,130		
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			→						

ACCEPTED FOR RECORD  
Producing  
SEP 17 2010  
/s/ Roger Hall  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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
				Brushy Canyon FBSS SBSC SBSS TBSC	6879' 8365' 8618' 9042' 9401'

32 Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes

<input checked="" type="checkbox"/> Electrical/Mechanical Logs (1 full set req'd)	<input type="checkbox"/> Geologic Report	<input type="checkbox"/> DST Report	<input checked="" type="checkbox"/> Directional Survey
<input type="checkbox"/> Sundry Notice for plugging and cement verification	<input type="checkbox"/> Core Analysis	<input type="checkbox"/> 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 Regulatory

Signature Natalie Krueger Date August 19, 2010

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.