



ATM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No
~~NM-0560352~~ **LC062085**

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion. New Well Work Over Deepen Plug Back 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

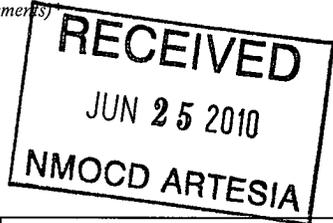
3a. Phone No (include area code)
432-571-7800

8. Lease Name and Well No
West Shugart 31 Federal Com No. 3

9. API Well No
30-015-37350

4. Location of Well (Report Location clearly and in accordance with Federal requirements)

At surface 660 FNL & 280 FWL
At top prod. interval reported below 682 FNL & 313 FWL
At total depth 808 FNL & 534 FEL



10. Field and Pool, or Exploratory
Shugart; Bone Spring, North ✓

11. Sec., T., R., M., on Block and Survey or Area
31-18S-31E

12. County or Parish Eddy
13. State NM

14. Date Spudded 11.03.09
15. Date T.D. Reached 12.05.09
16. Date Completed 12.25.09
 D & A Ready to Prod

17. Elevations (DF, RKB, RT, GL)*
3555' GR

18. Total Depth. MD 13344'
(in horizontal section) TVD 8780'

19. Plug Back TD: MD 13344'
(in vertical section) TVD 8780'

20. Depth Bridge Plug Set MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
No logs run

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey No 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 Cemen-ter Depth	No of Sks. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17½"	13¾" H-40	48#	0'	575'		500 sx ExtendacemCZ/HalcemC		0'	
12¾"	9¾" J-55	40#	0'	3199'		1215 sx Econocem/HalcemC		0'	
8¾"	7" P-110	26#	0'	8470'		965 sx Econocem-HLH/HalcemH		10'	
6¾"	4½" P-110	11.6# BTC	8354'	9100'		No cmt, PEAK liner			
6¾"	4½" P-110	11.6# LTC	9100'	13204'		No cmt, PEAK liner			
* 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)
2¾"	8226'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
Bone Spring	9109'	13344'	No perms, frac'd through PEAK completion liner			
B)						
C)						
D)						

26. Perforation Record

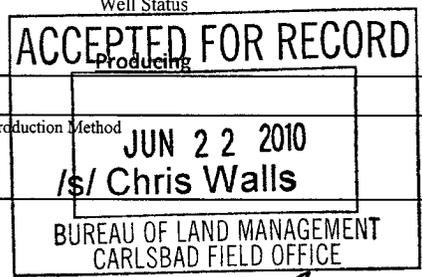
Perforated Interval	Size	No Holes	Perf Status
No perms, frac'd through PEAK completion liner			

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
	Please 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
12.25.09	01.23.10	24	→	198	344	130	38.7	1.254	Pumping
Choke Size	Tbg. Press Flwg	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
26/64	SI 260	SI 50	→				1,737	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)

Please provide Formation Tops *ML*

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

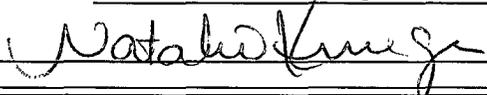
Formation	Top	Bottom	Descriptions, Contents, etc	Name	Top
					Meas. Depth

32 Additional remarks (include plugging procedure)

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 Regulatory
Signature  Date May 28, 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