

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Amended

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator
Cimarex Energy Co. of Colorado

3. Address
PO Box 140907; Irving, TX 75014

3a. Phone No. (include area code)
972-443-6489

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

At surface 1980 FNL & 660 FEL

At top prod. interval reported below

At total depth 1980 FNL & 330 FWL

RECEIVED

OCT 05 2010

NMOCD ARTESIA

5. Lease Serial No.
SHL NM-109643 BHL VA-3117-0000

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
Pending

8. Lease Name and Well No.
Drumstick 7 Federal Com No. 1

9. API Well No.
30-015-36013

10. Field and Pool, or Exploratory
Abo with cat Ishee Lake Ab.

11. Sec., T., R., M., on Block and
Survey or Area
7-16S-29E

12. County or Parish
Eddy

13. State
NM

14. Date Spudded
01.14.08

15. Date T.D. Reached
03.15.08

16. Date Completed 05.03.08
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
3671' GR

18. Total Depth: MD 10,470'
TVD 6,891'

19. Plug Back TD: MD 10,470'
TVD 6,891'

20. Depth Bridge Plug Set: MD Kick-off plug @ 6716'
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CBL, Gamma Ray, CCL

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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17½"	13¾" H-40	48	0'	360'		395sx PP C		0'	
12¾"	9¾" J-55	40	0'	2,612'		700 sx IntC & PP		0'	
8¾"	7" P-110	26	0'	7,367'		725 sx IntH & SupH		1800' CBL	
6¾"	4½" P-110	11.6	7,223'	10,056'		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)
2¾"	6,462'	RSB Pkr @ 6321'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Abo	6,698'	10,056'	peak liner			
B) Abo	10,056'	10,470'	open hole			
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
ax Please see attachment...	

ACCEPTED FOR RECORD

OCT - 4 2010

/s/ Roger Hall

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 BTU	Production Method
04.21.08	05.07.08	24	→	138	300	130	40.72	1.5013	Pumping
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
18/64	SI 240	60	→				2,174	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.*)

Vented for testing 04-21-08 to 05-02-08, then 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
				QUEEN	1,486'
				GRAYBURG	1,664'
				SAN ANDRES	2,255'
				GLORIETTA	3,767'
				LOWER ABO	6,831'
				BASE_ANHYDRITE	6,935'
				HUECO_(WLFC)	7,049'
				ATOKA	9,758'

32. Additional remarks (include plugging procedure):

Pilot hole drilled to 10,553' and then plugged back. 1st cement plug from 10553' to 10225'
2nd cement plug from 10020 to 9670' 3rd cement plug from 9578' to 8990'.
Peak Liner from 6698' to 10056', open hole from 10056 to 10470.

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: PEAK Bottom Hole Assembly, Frac Job Attachment

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 *Scott Haynes* Date August 13, 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.

Drumstick 7 Federal Com No. 1

7-16S-29E

Eddy County, NM

Depth Interval	Amount and Type of Material Used
<u>Stage 1</u> 9624'-10056'	Test BJ lines 9200 psi. Casing loaded & pump out plug at 5320#. Pump 119 bbl of 15% HCl NeFe acid, 357 bbl slickwater, SD, 357 bbl Deepspot 15% HCl acid, 1309 bbl slickwater, 238 bbl Lightning 2000 x-linker pad, 0.5 to 1 ppg 30/50# white sand in lightning 2000 gel, & flush with 20# linear gel. Pump down 7" & 4½" liner 55 BPM. Pump 119 bbl of 15% HCl NeFe acid & 110 bbl slick water, seat ball open port at 9327.' 52890# 30/50 white sand pumped.
<u>Stage 2</u> 8990'-9624'	Cont pumping 180 bbl slickwater, SD, 184 bbl slickwater, 476 bbl Deepspot 15% HCl acid, 714 bbl slickwater, 238 bbl Lightning 2000 x-linker pad, 0.5 to 1 ppg 30/50# white sand 833 bbls slickwater & flush with 20# linear gel. Drop 2" ball. Pump 119 bbl 15% HCl NeFe acid, 150 bbl slickwater, seat ball, open port at 8691.' Avg rate 56 BPM. 20000# 30/50 white sand pumped.
<u>Stage 3</u> 8396'-8990'	Cont pumping 194 bbl slickwater, SD, 238 bbl Deepspot 15% HCl acid, 595 bbl slickwater, 238 bbl Lightning 2000 x-linker pad, 0.5 to 1 ppg 30/50# white sand, 595 bbl slickwater & flush with 20# linear gel. Drop 2 1/4" ball. Pump 119 bbl 15% HCl NeFe acid, 140 bbl slickwater, seat ball, open port at 8056.' Avg rate 61 BPM. 20000# 30/50# white sand pumped.
<u>Stage 4</u> 7679'-8396' 7679'-8396'	Cont pumping 119 bbl slickwater, SD, 357 bbl Deepspot 15% HCl acid, 952 bbl slickwater, 238 bbl Lightning 2000 x-linker pad, 0.5 to 1 ppg 30/50# white sand, 1190 bbl slickwater & flush with 20# linear gel. Drop 2 1/2" ball. Pump 119 bbls 15% HCL NEFE acid, 140 bbls slickwater, seat ball, open port at 7387' with 4545#. Avg rate 74 BPM. 20000# 30/50 white sand pumped.
<u>Stage 5</u> 6698'-7679'	Cont pumping 112 bbl slickwater, SD, 595 bbl Deepspot 15% HCl acid, 1309 bbl slickwater, 238 bbl Lightning 2000 x-linker pad, 0.5 to 1 ppg 30/50# white sand 1667 bbl slickwater & flush with 259 bbl slickwater.