

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 ☒ 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 Colorado3. Address
600 N. Marienfeld St., Ste. 600; Midland, TX 797013a. Phone No. (include area code)
432-571-7800

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

At surface 825 FNL & 330 FEL

At top prod. interval reported below 827 FNL & 389 FEL

At total depth 382 FNL & 349 FWL

RECEIVED
MAR 31 2010
NMOCD ARTESIA14. Date Spudded
10.12.0915. Date T.D. Reached
11.06.0916. Date Completed 12.21.09
☐ D & A ☒ Ready to Prod18. Total Depth MD 11658'
TVD 7203'19. Plug Back TD: MD 11658'
TVD 7203'

20. Depth Bridge Plug Set:

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 Cement Depth	No of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17½"	13½" H-40	48	0'	418'	820 sx Extendacem-C2, Halcem-C, CIC Neat			0'	
8½"	7" P-110	26	0'	6900'	1680 sx Econocem, Halcem-H			0'	
6½"	4½" P-110	11.6	6820'	7460'	BTC	no cmt, PEAK liner			
6½"	4½" P-110	11.6	7556'	11495'	LTC	no cmt, PEAK liner			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
27½"	6688'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Lower Abo	6820'	11658'	No perms, PEAK completion Liner			
B)						
C)						

** 6820' is where the liner hanger is, which is the top of the producing interval.

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

Depth Interval	Amount and Type of Material
	Please see attachment

MAR 27 2010

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
12.21.09	01.16.10	24	→	11	94	6	41.8	1.219	Pumping
Choke Size	Tbg Press Flwg	Csg Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
24/64	SI 30	40	→				8546	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

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):

02.03.10 Installed rod pump: 2.5"x1.75"x30'x4' Quinn Frac Pump

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: C-102, Frac Details, PEAK diagram

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 RegulatorySignature Natalie Krueger Date March 17, 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.

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

Glycerin 10 Federal Com No. 1

10-16S-29E

Eddy County, NM

Depth Interval	Amount and Type of Material Used
Stage 1 11333-11495	177981 g SW, 72701 # 20/40 SB Excel, drop 2" ball
Stage 2 10613-11333	164539 g SW, 74937 # 20/40 SB Excel, drop 2¼" ball
Stage 3 10089-10613	137542 g XL Borate, 27006 # 20/40 SB Excel, drop 2½" ball
Stage 4 9568-10089	228612 g Deep Spot, 78115 # 20/40 SB Excel, drop 2¾" ball
Stage 5 9045-9568	116525 g Deep Spot, 8867 # 20/40 SB Excel, drop 3" ball
Stage 6 8607-9045	146481 g Deep Spot, 21825 # 20/40 SB Excel, drop 3¼" ball
Stage 7 8086-8607	143878 g Deep Spot, 9591 # 20/40 SB Excel, drop 3½" ball
Stage 8	213065 g Deep Spot, 76279 # 20/40 SB Excel, drop 3¾" ball

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Stage 8 7566-8086	213065 g Deep Spot, 76279 # 20/40 SB Excel, drop 3¾" ball
Stage 9 6820-7566	168650 g Deep Spot, 79696 # 20/40 SB Excel