

Form Approved  
(April 1994)  
**RECEIVED**  
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NM-OCD-ARTESIA

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. ☒ 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  
600 N. Marienfeld St., Ste. 600; Midland, TX 79701

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

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

At surface 2180 FNL & 330 FEL

Unit H

At top prod. interval reported below 2180 FNL & 330 FEL

At total depth 1988 FNL & 348 FWL

Unit E

14 Date Spudded 03.29.10  
15 Date T.D. Reached Vertical 04-11-10, Hz 04-25-10

16 Date Completed 05.28.10  
☐ D & A ☒ Ready to Prod

17 Elevations (DF, RKB, RT, GL)\*  
3719' GR

18 Total Depth: MD 11725'  
Vertical 7550' TVD 7183'

19 Plug Back TD: MD 11725'  
TVD 7183'

20. Depth Bridge Plug Set:

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

SDL-DLL-MGRD-BSA

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 Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 1/2" H-40	48	0'	430'		420 sx Extendacem/Halcem		0'	
8 1/2"	7" P-110	26	0'	6827'		1755 sx Econocem/Halcem		0'	
8 1/2"	2 1/2" UFG	2.18	6827'	7356'					
6 1/2"	4 1/2" P-110	11.6	6759'	7240' (BTC)		No cmt, PEAK			
6 1/2"	4 1/2" P-111	12.6	7240'	11390' (LTC)		No Ccmt, PEAK			

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 3/4"	6710'							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) Abo	6759'	11390'	No perfs, 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

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
05.28.10	06.14.10	24	→	62	93	100	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	
WO	SI 900	100	→				1500	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		→						

**ACCEPTED FOR RECORD**  
JUL 26 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
				San Andres	2501'
				B. Anhydrite	7210'
				Wolfcamp	7305'

## 32. Additional remarks (include plugging procedure):

05.22.10 Installed rod pump: 25-200-RHBC-20-3-00 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 June 15, 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