

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No NM-14468	
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resvr. Other <u>Recomplete to Delaware (horizontal)</u>		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Cimarex Energy Co. of Colorado		7. Unit or CA Agreement Name and No Nm 71980	
3. Address 600 N. Marienfeld St., Ste. 600; Midland, TX 79701		8. Lease Name and Well No. Grynberg 11 Federal Com No. 3	
4. Location of Well (Report Location clearly and in accordance with Federal requirements)*  At surface 1500 FSL & 1300 FEL  At top prod. interval reported below 1500 FSL & 1300 FEL  At total depth 342 FNL & 1196 FWL		9. API Well No 30-015-34193	
14. Date Spudded 08.24.05		15. Date T.D. Reached <u>Vertical</u> 09-15-09 <u>Lateral</u> 08-01-09	
16. Date Completed 09.10.09 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		17. Elevations (DF, RKB, RT, GL)* 3328' GR	
18. Total Depth. MD 8186' TVD 4773'		19. Plug Back TD MD 8182' TVD 4773'	
20. Depth Bridge Plug Set 10570' w/ 35' cmt		21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  logs run on initial completion	
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)	
24. Tubing Record		25. Producing Intervals	
26. Perforation Record		27. Acid, Fracture, Treatment, Cement Squeeze, etc	
28. Production - Interval A		28. Production - Interval B	

\* (See instructions and spaces for additional data on page 2)

RECEIVED  
JAN - 6 2010  
NMOCD ARTESIA

57845

ACCEPTED FOR RECORD  
DEC 14 2009  
Is/ Dustin Winkler  
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
				Top Salt	1052'
				Base Salt	1705'
				Bell Canyon	1911'
				Ramsey Ss	1911'
				Cherry Canyon	2864'
				Cherry Canyon M3	3006'
				Brushy Canyon	3995'
				Brushy Canyon B4	4804'
				Bone Spring	5414'
				Wolfcamp	8575'
				Cisco-Canyon	10178'
				Strawn	10479'
				Atoka	10683'
				Morrow	11266'

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

09.02.09 Installed 2½" x 2" x 20' HHBC rod 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:

## 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 December 3, 2009

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.