

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

 RECEIVED  
 JUN 18 2010

## 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-074937	
b Type of Completion. <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> 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. 400; Midland, TX 79701		8. Lease Name and Well No. Hydrus 10 Federal 10	
3a Phone No. (include area code) 432-571-7800		9. API Well No. 30-015-37381	
4. Location of Well (Report Location clearly and in accordance with Federal requirements)*  At surface 2160 FSL & 2360 FEL  At top prod interval reported below  At total depth		10. Field and Pool, or Exploratory Loco Hills; Glorieta-Yeso	
14. Date Spudded 12.07.09		15. Date T.D. Reached 12.18.09	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3707' GR	
18. Total Depth: 5773'		19. Plug Back TD: 5630'	
20. Depth Bridge Plug Set.		21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  CBL, CNL	
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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)			
Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)
14"	11"	42	0'
			452'
11	8"	24	0'
7"	5"	17	0'
			1336'
			5773'
24. Tubing Record			
Size	Depth Set (MD)	Packer Depth (MD)	Size
2 7/8"	4448'		
25. Producing Intervals			
Formation	Top	Bottom	Perforated Interval
A) Blinebry	4998'	5499'	4998-5499'
B) Paddock	4497'	4788'	4497-4788'
C)			
D)			
26. Perforation Record			
Size	No Holes	Perf. Status	
0.43	49	Open	
0.43	47	Open	
27. Acid, Fracture, Treatment, Cement Squeeze, etc			
Depth Interval	Amount and Type of Material		
4998-5499	1985 gal 15% HCl, 866594 gal slick water, 327629# 40/70 white sand		
4497-4788	1218 gal 15% HCl, 90006 gal slick water, 10458 gal slick water w 9636# 100 mesh sand		
4497-4788	1302 gal 15% HCl, 1180821 gal slick water, 423152# 40/70 white sand, 16865# 100 mesh sand		
28. Production - Interval A			
Date First Produced	Test Date	Hours Tested	Test Production
02.07.10	03.01.10	24	68
Choke Size	Tbg Press	Csg. Press.	24 Hr Rate
open	SI 50	80	4882
28. Production - Interval B			
Date First Produced	Test Date	Hours Tested	Test Production
Choke Size	Tbg Press	Csg. Press.	24 Hr. Rate

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



ACCEPTED FOR RECORD

JUN 14 2010

/s/ Chris Walls

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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
				Glorieta	4385'
				Paddock	4540'
				Blaine	5025'

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 C-102, Inclination report

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 Natalie Krueger Date June 2, 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.