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JUN 18 2010  
NMOCD ARTESIA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
OCD-ARTESIA

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

RM

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 11	
3a. Phone No (include area code) 432-571-7800		9. API Well No. 30-015-37380	
4. Location of Well (Report Location clearly and in accordance with Federal requirements)*  At surface 1550 FSL & 1750 FEL  At top prod. interval reported below  At total depth		10. Field and Pool, or Exploratory Loco Hills; Glorieta-Yeso ✓	
14. Date Spudded 12.20.09		15. Date T.D Reached 01.03.10	
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 6000'		19. Plug Back TD: 5857'	
20. Depth Bridge Plug Set		11. Sec., T, R., M, on Block and Survey or Area 10-17S-30E	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  CBL, Compensated Neutron Gamma Ray		12. County or Parish Eddy	
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)		13. State NM	



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
14%	11%	42	0'	442'		300 sx C		0'	
						1" w 170 sx C			
11	8%	24	0'	1335'		675 sx POZC/C		0'	
7%	5%	17	0'	6000'		900 sx Litecrete/PVL		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)	
2 7/8"	4462'								

25 Producing Intervals							
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status	
A) Blinebry	5000'	5500'	5000-5500	0.41	45	Open	
B) Paddock	4520'	4800'	4520-4800	0.41	55	Open	
C)							
D)							

27 Acid, Fracture, Treatment, Cement Squeeze, etc		Amount and Type of Material
Depth Interval		
5000-5500	1500 gal 15% HCl, 585731 gal Slickwater, 29756# Mesh Sand, 355253# 40/70 White Sand	
4520-4800	2200 gal 15% HCl, 805339 gal Slickwater, 40197# 100 Mesh Sand, 424381# 40/70 White Sand	

28. Production - Interval A									
Date First Produced 02.02.10	Test Date 02.20.10	Hours Tested 24	Test Production →	Oil BBL 14	Gas MCF 66	Water BBL 555	Oil Gravity Corr API 39.8	Gas Gravity (BTU) 1.307	Production Method Pumping
Choke Size open	Tbg Press Flwg 220	Csg. Press. 80	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio 4714	Well Status 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	

ACCEPTED FOR RECORD  
JUN 14 2010  
/s/ Chris Walls  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

mw

## 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
				Glorieta Blinberry	4420' 5018'

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

12.24.09 Installed Wood Group submersible 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, 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 3, 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