

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

RECEIVED

JUN -4 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		6. 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. Mariefeld St., Ste. 400; Midland, TX 79701		8. Lease Name and Well No Hydrus 10 Federal 9	
3a. Phone No. (include area code) 432-571-7800		9. API Well No. 30-015-37342	
4. Location of Well (Report Location clearly and in accordance with Federal requirements)*  At surface 1133 FSL & 990 FEL  At top prod. interval reported below 1133 FSL & 990 FEL  At total depth 988 FSL & 2301 FEL		10. Field and Pool, or Exploratory Loco Hills; Glorieta-Yeso / 96718	
14. Date Spudded 11.17.09		15. Date T D Reached 12.02.09	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12.25.09		17. Elevations (DF, RKB, RT, GL)* 3710' GR	

18. Total Depth MD 5997'	19. Plug Back TD MD 5997'	20. Depth Bridge Plug Set
TVD 4735'	TVD 4735'	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  No logs		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)									
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'	362'		300 sx C		0'	
						1" w 250 sx C			
11	8%	24	0'	1349'		600 sx RFC-C,50/50POZ-C,C		0'	
						1" w 100 sx C			
7%	5%	17	0'	4495'		600 sx Litecrete, PVL		0'	
4%	3%	9.3	4378'	5880'					

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"	2340'								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Paddock	4378'	5773'	No perms, just frac						
B)									
C)									
D)									

27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
5773-5997	138072 gal fluid, 1995 gal 15% HCL, 109104# 16/30 White Sand, 19169# 16/30 Super LC								
5538-5773	134767 gal fluid, 1953 gal 15% HCL, 104306# 16/30 White Sand, 17462# 16/30 Super LC								
5303-5538	139522 gal fluid, 5292 gal 15% HCL, 104681# 16/30 White Sand, 19360# 16/30 Super LC								
5068-5303	142204 gal fluid, 1006 gal 15% HCL, 101453# 16/30 White Sand, 21184# 16/30 Super LC								
4383-5068	123926 gal fluid, 1791 gal 15% HCL, 49600# 16/30 White Sand, 13721# 16/30 Super LC								

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
12.25.09	01.15.10	24	→	117	207	407	39.7	1.307	Pumping
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
open	SI	80	→				1769	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)

Provide formation tops on separate sundry.

ACCEPTED FOR RECORD

MAY 30 2010

BUREAU OF LAND MANAGEMENT  
SALASADA 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
			please provide formation tops on a separate survey. <i>ML</i>		

## 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 May 24, 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.