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NMCCD 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

5 Lease Serial No
NM-074937

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ 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

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

8. Lease Name and Well No.
Hydrus 10 Federal 8

9 API Well No
30-015-36546

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

At surface 710 FSL & 1650 FEL

At top prod interval reported below 383 FSL & 2223 FEL

At total depth 336 FSL & 2286 FEL

10 Field and Pool, or Exploratory
Loco Hills; Glorieta-Yeso ✓

11. Sec., T., R., M., on Block and
Survey or Area
10-17S-30E

12. County or Parish Eddy
13. State NM

14. Date Spudded
10.29.09

15. Date T.D. Reached
11.14.09

16. Date Completed 12.14.09
☐ D & A ☒ Ready to Prod

17 Elevations (DF, RKB, RT, GL)*
3706' GR

18. Total Depth: MD 5866' TVD 5709'
19 Plug Back TD: MD 5776' TVD 5620'

20 Depth Bridge Plug Set:

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

22 Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey ☐ No ☒ Yes (Submit copy)

Gamma Ray

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
14%	11%	42	0'	453'		300 sx Cl C		0'	
						1" w/ 955 sx Cl C			
11	8%	24	0'	1300'		500 sx POZC, Cl C		0'	
7%	5%	17	0'	5863'		1000 sx Litecrete, PVL			

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"	4682'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Blinbry	5130'	5560'	5130-5560 (Blinbry)	0.43	45	Open
B) Paddock	4630'	4950'	4630-4950 (Paddock)	0.13	50	Open
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5130-5560	1764 gal 15% HCl, 879996 gal Slick Water, 30016# 100 Mesh Sand, 282000# 40/70 Ottawa Sand
4630-4950	2142 gal 15% HCl, 1189402 gal Slick Water, 39100# 100 Mesh Sand, 439565# 40/70 Ottawa Sand

ACCEPTED FOR RECORD
MAY 15 2010
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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
12.14.09	12.25.09	24	→	59	186	773	40.2	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	300	95	→				3153	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	
			→						

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

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
				Blinebry	5149'

32. Additional remarks (include plugging procedure):

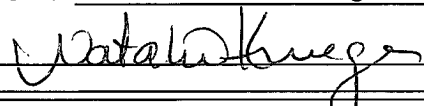
12.03.09 Installed Baker Sub Pump.

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  Date April 28, 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.