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NMOC D ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

PM

COMPLETION OR RECOMPLETION REPORT AND LOG

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

2. Name of Operator
Cimarex Energy Co. of Colorado

3. Address
600 N. Marienfeld St., Ste. 400; Midland, TX 79701

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

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

At surface 2160 FSL & 1140 FEL

At top prod. interval reported below 2160 FSL & 1140 FEL

At total depth 2318 FSL & 1081 FEL



5. Lease Serial No
NM-074937

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Hydrus 10 Federal 12

9. API Well No
30-015-37383

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
01.06.10

15. Date T.D. Reached
01.19.10

16. Date Completed 02.13.10
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
3709' GR

18. Total Depth: MD 5945' TVD 5934'
19. Plug Back TD. MD 5453' TVD 5445'

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)

CBL, Compensated Neutron 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 C		0'	
						1" w 581 sx C			
11	8%	24	0'	1332'		600 sx POZC/C		0'	
7%	5%	17	0'	5945'		950 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"	5011'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blinebry	4390'	5300'	Blinebry 4390-5300	0.41	45	Open
B) Paddock	4530'	4820'	Paddock 4530-4820	0.41	50	Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
4390-5300	1869 gal 15% HCl spearhead, 913968 gal slick water, 31084# 100 mesh sand, and 318511# 40/70 white sand
4530-4820	2092 gal 15% HCl spearhead, 1343511 bbl slick water, 40000# 100 mesh sand, and 432840# 40/70 white sand

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
02.13.10	03.01.10	24	→	76	175	1004	38.9	1.307	Pumping
Choke Size	Tbg Press Flwg	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
open	210	20	→				2333	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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

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BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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Interval C

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 Blinbry	4425' 5013'

32. Additional remarks (include plugging procedure):

03.11.10 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 7, 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.