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JAN 25 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

WELL 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 Add Second Delaware (Ramsey) Lateral

2. Name of Operator
Cimarex Energy Co. of Colorado

3. Address
600 N. Marienfeld St., Ste. 600; 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 130 FNL & 940 FEL

At top prod interval reported below BHL 1: 168' FNL & 932' FEL BHL 2: 212 FNL & 932 FEL

At total depth BHL 1: 2295' FNL & 682' FEL BHL 2: 2307 FNL & 375 FEL

14. Date Spudded 09.04.08

15. Date T.D. Reached BHL 1: 09.28.08 BHL 2: 07.16.09

16. Date Completed 11.08.08
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
3,251' GR

5. Lease Serial No.
SHL: FEE BHL: NM-094840

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No
NSL-5847

8. Lease Name and Well No.
Chosa Draw 27 Federal Com 2

9. API Well No.
30-015-36453

10. Field and Pool, or Exploratory
Cottonwood Draw; Delaware, North

11. Sec, T, R, M, on Block and Survey or Area
27-25S-26E

12. County or Parish
Eddy

13. State
NM

18. Total Depth: MD 3990' TVD 1867'

19. Plug Back TD: MD 3990' TVD 1867'

20. Depth Bridge Plug Set:

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Logs run on initial completion

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey ☐ No ☒ 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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/2"	8 1/2" J-55	24#	0'	406'		350 sx Class C		0' circ	
7 1/2"	5 1/2" J-55 BTC	17#	0'	792'		660 sx 50/50 POZ/C		0' circ	
	5 1/2" J-55 LTC	17#	792'	3082'		660 sx 50/50 POZ/C		0' circ	
4 3/4"	2 3/4" L-80	6.5#	2646'	4785'	Lateral 1 Liner	PEAK, no cement			
4 3/4"	2 3/4" L-80 UFJ	6.4#	1660'	2009'	Lateral 2 Liner	PEAK, no cement			
4 3/4"	2 3/4" L-80 EUE		2009'	3640'					

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"	1491'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Cherry Canyon (Lateral 1)	3082'	4996'	Peak Liner assembly			
B) Ramsey (Lateral 2)	1660'	3640'				
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
3282-3640'	Pump 4501# of 16/30 White sand, 166 bbl of 20# Jell, Drop 1.5" Ball.
2881-3244'	Pump 5153# of 16/30 White sand, 137 bbl of 20# Jell, Drop 1.75 Ball.
2584-2881'	Pump 4668# of 16/30 White Sand, 128 bbl of 20# Jell, Drop 2" ball.
2215-2450'	Pump 4668# of 16/30 White sand, 103 bbl of 20# Jell, Drop 2.25" ball.
2013-2215'	Pump 6038# of 16/30 White sand, 102 bbl of 20# Jell.

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
08.21.09	08.25.09	24	→	15	43	176	41.9	1.633	Pumping
Choke Size	Tbg. Press Flwg	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
open	SI 300	82	→				2867	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	
			→						

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
				Top Salt	996'
				Base Salt	1,589'
				Delaware	1,789'
				Cherry Canyon	2,766'

32. Additional remarks (include plugging procedure):

07.11.09 Got out of zone and sidetracked.

07.15.09 Sidetracked again to stay in shows. BHL of sidetrack 1 was 2242 FNL & 354 FEL (MD 3937').

08.14.09 Installed rod pump: 2½" x 2" x 16' HWBC

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:

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 November 30, 2009

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.