

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**CONFIDENTIALITY REQUESTED**
WELL COMPLETION OR RECOMPLETION REPORT AND LOGFORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____										5. Lease Serial No. NM-19423, NM-94839			
2. Name of Operator Cimarex Energy Co. of Colorado										6. If Indian, Allottee or Tribe Name 7. Unit or CA Agreement Name and No. Pending			
3. Address 600 N. Marienfeld St., Ste. 600; Midland, TX 79701					3a. Phone No. (include area code) 432-571-7800					8. Lease Name and Well No. Cottonwood Draw 22 Federal Com No. 5			
4. Location of Well (Report Location clearly and in accordance with Federal requirements) At surface 530 FNL & 210 FEL At top prod. interval reported below 759 FNL & 246 FEL At total depth 344 FSL & 344 FEL										9. API Well No. 30-015-37431			
<div style="border: 2px solid black; padding: 10px; display: inline-block;">RECEIVED SEP 08 2010 NMOCD ARTESIA</div>										10. Field and Pool, or Exploratory Bone Spring Wildcat 5252622A; BONE SPRING			
										11. Sec., T., R., M., on Block and Survey or Area 22-25S-26E			
14. Date Spudded 12.16.09										15. Date T.D. Reached 01.10.10		16. Date Completed 04.13.10 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.	
18. Total Depth: MD 10340' TVD 6081'				19. Plug Back TD: MD 10249' TVD 6077'				20. Depth Bridge Plug Set:					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) PEX-HRLA-HNGS										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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled				
12 1/4"	9 5/8" K-55	36	0'	445'		300 sx C		0'					
8 3/4"	7" L-80	26	0'	5845'		1200 sx POZC/C		0'					
8 3/4"	2 3/4" IJ	2.18	5845'	6602'									
6 1/2"	4 1/2" P-110	11.6	5675'	10340'		400 sx PVL		5,623'					
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"	5565'												
25. Producing Intervals						26. Perforation Record							
Formation			Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status				
A) Bone Spring			6154'	9901'	Please see attachment								
B)													
C)													
D)													
27. Acid, Fracture, Treatment, Cement Squeeze, etc.													
Depth Interval		Amount and Type of Material											
		Please see attachment											
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				
04.13.10	05.13.10	24	→	11	1259	778	53.2	0.995	Pumping				
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status					
WO	SI 360	800	→				114,454	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)

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
				T. Salt	1032'
				B. Salt	1677'
				Delaware	1879'
				Cherry Canyon	2861'
				Brushy Canyon	3851'
				Bone Spring	5410'
				FBSS	6407'

32. Additional remarks (include plugging procedure):

04-06-10 Installed Baker P-18 114HP 2330V 30 amp 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: Stimulation Details, Deviation/well path

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 RegulatorySignature Natalie Krueger Date September 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.

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

Cottonwood Draw 22 Federal Com No. 5

22-25S-26E

Eddy County, NM

Stage	Perf Details	Amount and Type of Material Used
1	9899-9901 6 spf, 48 holes, 0.42	325,910 total gals, 6,000 gals of 15% HCL acid, 51,794 gals 20# Linear gel, 89,212 gals 20# XL Borate gel. Proppant pumped was 117,161# 100 Mesh & 161,316# 20/40 Versalite
2	9339-9551 6 spf, 60 holes, 0.37	361,764 total gals, 7,055 gals of 10% HCL acid, 65,271 gals 15# Linear gel, 112,151 gals 20# XL Borate gel. Proppant pumped was 122,319# 100 Mesh & 190,245# 20/40 Versalite
3	9024-9251 6 spf, 48 holes, 0.42	346,771 total gals. 162,137 gals of slick water, 112,897# 100 mesh, 220,750# of 20/40# Versalite
4	8644-8931 6 spf, 48 holes, 0.42	351,551 total gals. 166,682 gals of slick water, 112,274# 100 mesh, 225,454# of 20/40# Versalite
5	8224-8546 6 spf, 48 holes, 0.42	346,178 total gals. 179,678 gals of slick water, 107,673# 100 mesh, 174,193# of 20/40# Versalite
6	7794-8126 6 spf, 48 holes, 0.42	355,551 total gals. 171,999 gals of slick water, 118,502# 100 mesh, 211,325# of 20/40# Versalite
7	7327-7711 6 spf, 60 holes, 0.42	391,589 total gals. 163,093 gals of slick water, 97,005# 100 mesh, 245,414# of 20/40# Versalite
8	7024-7296 6 spf, 48 holes, 0.42	373,224 total gals. 192,970 gals of slick water, 132,806# 100 mesh, 241,395# of 20/40# Versalite
9	6594-6941 6 spf, 48 holes, 0.42	348,812 total gals. 172,916 gals of slick water, 106,516# 100 mesh, 206,146# of 20/40# Versalite
10	6154-6516 6 spf, 48 holes, 0.42	347,174 total gals. 174,739 gals of slick water, 109,530# 100 mesh, 241,812# of 20/40# Versalite

600 North Marienfeld St., Ste. 600
Midland, TX 79701
Phone 432-571-7800
Fax 432-620-1940

Cimarex Energy Co. of Colorado

September 7, 2010

New Mexico Oil Conservation Division
1301 West Grand Avenue
Artesia, NM 88210
Attn: Ms. Jacqui Reeves

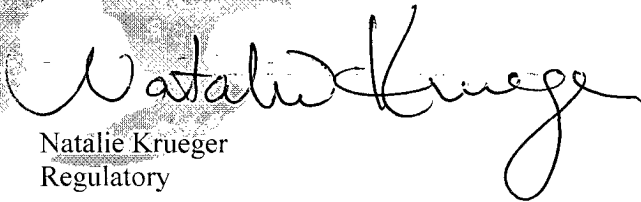
RE: Completion and Logs – Cottonwood Draw 22 Federal Com No. 5 – Confidentiality Request
30-015-37431
Eddy County, NM

Dear Ms. Reeves,

Enclosed, please find the documents listed above for the Cottonwood Draw 22 Federal Com No. 5. Cimarex requests that these documents be kept confidential for as long as possible, including the logs.

Thank you for your time and have a good day.

Sincerely,



Natalie Krueger
Regulatory

nkrueger@cimarex.com