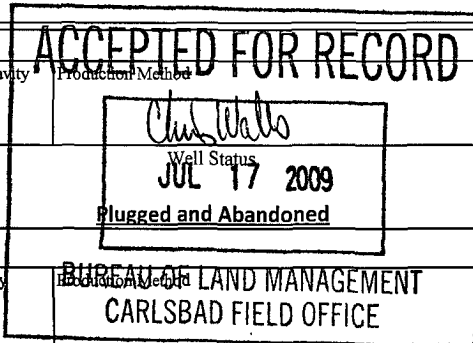


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOCD-ARTESIA
JUL 22 2009FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. NM-0556811					
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 Well Drilled to TD, P&Ad						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 5215 N. O'Connor Blvd., Ste. 1500; Irving, TX 75039				3a. Phone No. (include area code) 972-443-6489		8. Lease Name and Well No. High Lonesome 23 Federal No. 1					
4. Location of Well (Report Location clearly and in accordance with Federal requirements)* At surface 2310 FNL & 660 FEL At top prod. interval reported below At total depth 2310 FNL & 660 FEL						9. API Well No. 30-015-35934					
14. Date Spudded 05.15.09						15. Date T.D. Reached 05.29.09		16. Date Completed <input checked="" type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod.		10. Field and Pool, or Exploratory P&A - No Pool	
18. Total Depth. MD 7545' TVD 7545'				19. Plug Back TD: MD 0' TVD 0'		20. Depth Bridge Plug Set: MD TVD		11. Sec., T., R., M., on Block and Survey or Area 23-16S-29E			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) BHV, DLLMG, DSNDS						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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)		12. County or Parish Eddy		13. State NM	
23. Casing and Liner Record (Report all strings set in well)						17. Elevations (DF, RKB, RT, GL)* 3710' GR					
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		
17 1/2"	13 3/8 H-40	48#	0'	362'		370 sx PP CIC		0'			
12 3/4"	9 5/8 J-55	40#	0'	2690'		965 sx LPP, PP		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)			
25. Producing Intervals											
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf Status			
A)											
B)											
C)											
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval		Amount and Type of Material									
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	Production Method		
			→								
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio				
SI			→								
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.)

30. Summary of Porous Zones (Include Aquifers):	31. Formation (Log) Markers
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.	

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				Yates	1097'
				Queen	1855'
				San Andres	2590'
				Glorieta	4060'
				Tubb	5330'
				Abo Shale	6095'
				Wolfcamp	7395'

32. Additional remarks (include plugging procedure):

5/30/2009 Rigged up HOWCO. Tested lines to 2K. Pumped **Plug #1** - 100 sx Class C Neat + 2% CaCl₂ (wt 14.8, yld 1.33) from 7545-7300.' Tagged @ 7214.' Pumped **Plug #2** - 100 sx Class C Neat (wt 14.8, yld 1.33) from 6145-5985.'

5/31/2009 Tagged **Plug #2** @ 5914.' Pumped **Plug #3** - 100 sx Class C Neat + 2% CaCl₂ (wt 14.8, yld 1.35) from 4110-3970.' Tagged @ 3906.' Pumped **Plug #4** - 75 sx Class C Neat + 2% CaCl₂ (wt 14.8, yld 1.35) from 2740-2610.' Tagged @ 2550.' Pumped **Plug #5** - 75 sx Class C Neat + 2% CaCl₂ (wt 14.8, yld 1.35) from 990-880.' Tagged @ 854.' Pumped **Plug #6** - 90 sx Class C Neat + 2% CaCl₂ (wt 14.8, yld 1.35) from 510-300.'

6/1/2009 Tagged **Plug #6** @ 309.' Pumped **Plug #7** - 90 sx Class C Neat + 2% CaCl₂ (wt 14.8, yld 1.35) from 60-0.' Circulated to surface. Cut off the 9 5/8" SM wellhead. Installed dry-hole marker. Released rig.

All plugs witnessed by Bob Hoskinson of BLM.

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: Deviation 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 Analyst

Signature _____ Date July 10, 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.