

NM OIL CONSERVATION ARTESIA DISTRICT

JUN 01 2017

Form 3160-4
(June 2015)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input 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 checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Zones <input type="checkbox"/> Hydraulic Fracturing Other: _____						5. Lease Serial No. NMNM41645			
2. Name of Operator Cimarex Energy Co of Colorado 162683						6. If Indian, Allottee or Tribe Name 			
3. Address 202 S. Cheyenne Ave., Suite 1000, Tulsa OK 74103				3a. Phone No. (Include area code) 432-620-1909		7. Unit or CA Agreement Name and No. 			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 1620' FNL & 1400' FEL At surface 1620' FNL & 1400' FEL At top prod. interval reported below 1620' FNL & 1400' FEL At total depth 1620' FNL & 1400' FEL						8. Lease Name and Well No. Federal 13 Com #4 9. API Well No. 30-015-34199 10. Field and Pool or Exploratory Sage Draw, Wolfcamp (East) 11. Sec., T., R., M., on Block and Survey or Area Sec 13 T25S R26E 12. County or Parish Eddy 13. State NM			
14. Date Spudded 10/20/2005		15. Date T.D. Reached 11/07/2005		16. Date Completed 01/19/2017 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3240'			
18. Total Depth: MD TVD 12373'		19. Plug Back T.D.: MD TVD 10908'		20. Depth Bridge Plug Set: MD TVD 11162'					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Production Log						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)			
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
17 1/2"	13 3/8" H40	48#	0	209'		230 SX PremPI		0	35 sacks
12 1/4"	9 5/8" J55	40#	0	3000'		940 Sx C/Prem		0	165 Sacks
8 3/4"	5 1/2" P110	17#	0	12373'		2185 Sx H		1700 Calc	
24. Tubing Record									
Size	Dept Set (MD)	Packer Dept (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2 7/8"	8598	8598							
25. Producing Intervals									
Formation	Top	Bottom	26. Perforation Record						
			Perforated Interval	Size	No. Holes	Perf. Status			
A) Wolfcamp	8646'	10088'	8646'-10351'	.38	240				
B) Cisco Canyon	10143'	10351'							
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org									
Depth Interval		Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org							
8646'-10351'		2579905 gal fluid & 3074745 lbs 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	Production Method
1/19/17	3/14/17	24	→	57.1	1410.9	703.4	47.6		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
36	650	50	→	57.1	1410.9	703.4			
28a. 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
1/19/17	3/14/17	24	→	16.1	397.9	198.4			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
36	650	50	→	16.1	397.9	198.4			

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

Pending BLM approvals will subsequently be reviewed and scanned

SC 6-7-17

MS

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 (Solid, 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
				Delaware	1948
				Bone Spring	5413
				Wolfcamp	8571
				Cisco Canyon	10122

32. Additional remarks (include plugging procedure).

CIPB to plug back the morrow formation set at 11443'. CIPB under Cisco Canyon perfs set at 11162'

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) Amithy CrawfordTitle Regulatory AnalystSignature Date 04/17/2017

Title 18 U.S.C. Section 1001 and Title 18 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.

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