

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NM-41645.							
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. Resvr. Other Cisco Canyon/Wolfcamp DHC		6. If Indian, Allottee or Tribe Name							
2. Name of Operator Cimarex Energy Co. of Colorado		7. Unit or CA Agreement Name and No. NM-72243							
3. Address 600 N. Marienfeld St., Ste. 600; Midland, TX 79701		8. Lease Name and Well No. Federal 13 Com No. 2							
3a. Phone No. (include area code) 432-571-7800		9. API Well No. 30-015-33344 C2EC3							
4. Location of Well (Report Location clearly and in accordance with Federal requirements) At surface 1565 FSL & 1400 FWL At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory White City; Penn (G) & Sage Draw; Wolfcamp, E							
14. Date Spudded 07.26.04		15. Date T.D. Reached 08.16.04							
16. Date Completed 03.26.10 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3237' GR							
18. Total Depth: 12310'		19. Plug Back TD: 10665'							
20. Depth Bridge Plug Set: 10700'									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Logs run on initial completion		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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/4" J55	54.5#	0'	213'		250 sx Prem Plus		0' circ	
12 1/2"	10 3/4" J55/N80	45.5#	0'	2031'		800 sx IntC/Prem Plus		0' circ	
9 3/4"	7 7/8" NS110/P110	26#	0'	10020'		1585 sx IntC/H/Prem		4528'	
7"	4 1/2" HCP-110	11.6#	0'	12310'		485 sx Super H		7200'	
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"	9206'	9,195'							
25. Producing Intervals				26. Perforation Record					
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Cisco Canyon C2	10132'	10354'	10132-10211' (CC)	3 3/4" guns	60	Open			
B) Wolfcamp C3	9232'	9597'	10239-10354' (CC)	3 3/4" guns	111	Open			
C)			9232-9418' (WC)	3 3/4" guns	60	Open			
D)			9443-9597' (WC)	3 3/4" guns	60	Open			
27. Acid, Fracture, Treatment, Cement Squeeze, etc.				ACCEPTED FOR RECORD					
Depth Interval	Amount and Type of Material								
10132-10211' (CC)	165130 gal SW, 5000 gal acid, 129944# prop								
10239-10354' (CC)	192089 gal SW, 5000 gal acid, 139955# prop								
9232-9418' (WC)	222547 gal SW, 5000 gal acid, 217223# sand								
9443-9597' (WC)	309209 gal SW, 5000 gal acid, 281759# sand								
28. Production - Interval A - CISCO CANYON				BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity (BTU)	Production Method
04.02.10	04.10.10	24	→	7	1316	137	54.4	1.143	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL		Water BBL	Gas/Oil Ratio	Well Status	
22/64	SI 3600	50	→				188000	Producing (DHC with Wolfcamp)	
28. Production - Interval B - WOLFCAMP									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04.02.10	04.10.10	24	→	7	1316	137	54.4	1.143	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL		Water BBL	Gas/Oil Ratio	Well Status	
22/64	SI 3600	50	→				188000	Producing (DHC with Cisco)	

* (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

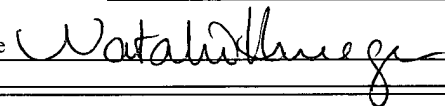
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				Bone Spring	5,100'
				Wolfcamp	8,562'
				Cisco Canyon	10,120'
				Strawn	10,310'
				Atoka	10,532'
				Morrow	11,190'

32. Additional remarks (include plugging procedure):

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 RegulatorySignature  Date September 15, 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.

REFERENCE SHEET FOR
UNDESIGNATED WELLS

	Fm	Pm	N	Pc
22-26 C	XX	XX	XX	

paragraph

1. Date:	10/1/2010
2. Type of Well:	
Oil:	Gas: XX
3. County:	EDDY

4. Operator:	>> CIMAREX ENERGY CO OF COLORADO			API NUMBER:	30 - 015 - 33344
5. Address of Operator	>> 5215 N O'CONNOR BLVD, STE 1500 >> IRVING TX 75039				
6. Lease name or Unit Agreement Name	>> FEDERAL 13 COM				7. Well Number # - 2
8. Well Location	Unit Letter: K	1565	feet from the S	line and 1400	feet from the W line
	Section 13	Township 25S	Range 26E		
9. Completion Date:	4/2/2010	11. Peris	Top	Bottom	TD
			9232	9597	12310
10. Name of Producing Formation(s)	WOLFCAMP		12. Open Hole Casing shoe	Bottom	PBTD
					10665
13. C-123 Filed:	Date	15. Name of Pool Requested or temporary Wildcat designation:	Pool ID num		
Y	N XX	SAGE DRAW;WOLFCAMP, EAST (GAS)	96890		
16. Remarks:	EXTEND				

TO BE COMPLETED BY DISTRICT GEOLOGIST		
17. Action taken	18. Pool Name	Pool ID num
EXTEND	SAGE DRAW;WOLFCAMP, EAST (GAS)	96890
<p>T 25 S, R 26 E</p> <p>SEC 13: All</p> <p>SEC 22: S/2</p> <p>SEC 23: SW/4 & E/2</p> <p>SEC 24: NW/4 & E/2</p>		

19. Advertised for HEARING:	20. Case Number
21. Name of pool for which was advertised.	Pool ID num
SAGE DRAW;WOLFCAMP, EAST (GAS)	96890
22. Placed in Pool	23. By order number
	R-