

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM94842

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
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 _____		7. Unit or CA Agreement Name and No NMNM116107	
2. Name of Operator CIMAREX ENERGY COMPANY OF TEXAS		8. Lease Name and Well No GADWALL 18 FEDERAL COM 1	
3. Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701		9. API Well No 30-015-33496-00-C3	
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface NENW 850FNL 1490FWL At top prod interval reported below NENW 850FNL 1490FWL At total depth NENW 850FNL 1490FWL		10. Field and Pool, or Exploratory SAGE DRAW, A to K D	
14. Date Spudded 05/27/2011		15. Date T.D. Reached 06/10/2011	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/10/2011		17. Elevations (DF, KB, RT, GL)* 3187 GL	
18. Total Depth. MD 12250 TVD 12250		19. Plug Back T.D. MD TVD	
20. Depth Bridge Plug Set MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE	
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 analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			

## 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
17.500	13.375 J-55	54.5	0	216		250		0	
12.250	9.625 N-80	40.0	0	3225		1000		0	
8.750	5.500 P-110	17.0	0	12250	6992	2075		2600	

## 24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	9137							

## 25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9119	9844	9219 TO 9468	0.410	60	Open, Wolfcamp
B) CISCO	10153	10371	9510 TO 9664	0.410	60	Open, Wolfcamp
C)			9726 TO 9844	0.410	60	Open, Wolfcamp
D)			10153 TO 10220	0.410	60	Open, Cisco

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
10153 TO 10220	# 30/50 sand
10153 TO 10220	gal acid
10244 TO 10371	gal acid
10244 TO 10371	# 30/50 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
06/10/2011	07/26/2011	24	→	16.0	256.0	50.0	56.0	
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
24/64	1000	0.0	→	16	256	50	16000	PGW

## 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
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #127204 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

## 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
ATOKA MORROW	10902	10912		DELAWARE	1928
	11585	11740		1ST BONE SPRING	6377
				2ND BONE SPRING	7086
				3RD BONE SPRING	8231
				WOLFCAMP	9558
				CISCO-CANYON	10139
				STRAWN	10430
				ATOKA	10540
				LOWER MORROW	10884
				MORROW	11178

## 32 Additional remarks (include plugging procedure)

- #43. 10,244' - 10,371' 41 !32 holes Open  
 #44. 10,244' - 10,371' Acdz & frac'd w/5000 gals. acid & 170,000# 30/50 sand  
 #54. C-102, wellbore diagram

## 33. Circle enclosed attachments

1. Electrical/Mechanical Logs (1 full set req'd.)      2. Geologic Report      3. DST Report      4. Directional Survey  
 5. Sundry Notice for plugging and cement verification      6. Core Analysis      7. Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #127204 Verified by the BLM Well Information System.  
 For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad  
 Committed to AFMSS for processing by DEBORAH MCKINNEY on 01/05/2012 (12DLM0375SE)

Name (please print) CAROLYN LARSON

Title CONTRACT REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/03/2012

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

**Additional data for transaction #127204 that would not fit on the form**

**26. Perforation Record, continued**

<b>Perf Interval</b>	<b>Size</b>	<b>No. Holes</b>	<b>Perf Status</b>
10244 TO 10371	0.410	132	Open, Cisco