

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**

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMNM112254		
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 _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator CIMAREX ENERGY CO OF COLORADO			8. Lease Name and Well No. VERN 1 FEDERAL 1		
3. Address 600 E MARIENFELD ST SUITE 600 MIDLAND, TX 79701			9. API Well No. 30-015-34109-00-S3		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SENE 1600FNL 1200FEL At top prod interval reported below At total depth			10. Field and Pool, or Exploratory WINDCAT G-04 S252R1A; B5		
14. Date Spudded 06/01/2010			15. Date T.D. Reached 07/30/2010		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/25/2010			17. Elevations (DF, KB, RT, GL)* 3508 GL		
18. Total Depth: MD 11523 TVD 7529		19. Plug Back T.D.: MD 11523 TVD 7529		20. Depth Bridge Plug Set: MD 6791 TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)			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 type="checkbox"/> No <input checked="" 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	210		465		0	
12.250	9.625 N-80	40.0	0	1982		880		0	
8.750	5.500 P-110	17.0	0	12280		2890		2000	
4.750	3.500 L-80	8.3	6636	11200					

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	6558	0						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	6770	11523	7881 TO 11200			Peak system, Bone Spring
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7678 TO 11180	FRAC'D W/1,035,738 GALS XL BORATE PLUS 1,206,652# PROPPANT

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
09/20/2010	09/28/2010	24	→	200.0	1974.0	0.0	50.1		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	200	1974	0	9870	POW	

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 #98890 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECEIVED  
DEC 24 2010  
BLMUCD ARTESIA

ACCEPTED FOR RECORD

DEC 19 2010

BUREAU OF LAND MANAGEMENT  
ARLESBAD FIELD OFFICE  
ELECTRIC PUMP SUB-SURFACE

## 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
STRAWN ATOKA MORROW	10160			BONE SPRING	5209
	10398			1ST BONE SPRING	5310
	10988			2ND BONE SPRING	6683
				WOLFCAMP	8392
				CISCO-CANYON	9852
				STRAWN	10160
				ATOKA	10398
				MORROW	10988

## 32. Additional remarks (include plugging procedure):

CIBP @ 10,315' w/35' cmt over Strawn perforations  
CIBP @ 10,250' w/35' cmt.  
250' plug @ 8192' - 8442'  
CIBP @ 7321'

## 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 #98890 Verified by the BLM Well Information System.  
For CIMAREX ENERGY CO OF COLORADO, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 12/14/2010 (11KMS0409SE)

Name (please print) CAROLYN D LARSONTitle CONTRACT REGULATORY ANALYSTSignature (Electronic Submission)Date 12/10/2010

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.

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