

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNMOCD  
ArtesiaFORM 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. NMNM117116		
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 _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator CIMAREX ENERGY COMPANY			Contact: HOPE KNAULS E-Mail: hknaults@cimarex.com		
3. Address 202 S CHEYENNE AVE SUITE 1000 TULSA, OK 74103.4346			3a. Phone No. (include area code) Ph: 918-585-1100		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE 453FNL 417FEL 32.001651 N Lat, 104.131715 W Lon At top prod interval reported below Lot 3 400FSL 1017FEL At total depth Lot 2 394FSL 330FWL			8. Lease Name and Well No. FOXX 31 FEDERAL 4H		
14. Date Spudded 12/06/2016			15. Date T.D. Reached 12/19/2016		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/04/2017			9. API Well No. 30-015-43150-00-S1		
18. Total Depth: MD 12007 TVD 7227			19. Plug Back T.D.: MD 12004 TVD 7227		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory WC015G04S262625B-BONE SPRING		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT TRIPLECOMBOLOG;			11. Sec., T., R., M., or Block and Survey or Area Sec 31 T26S R27E Mer NMP		
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)			12. County or Parish EDDY		
23. Casing and Liner Record (Report all strings set in well)			13. State NM		
17. Elevations (DF, KB, RT, GL)* 3210 GL			17. Elevations (DF, KB, RT, GL)* 3210 GL		

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 H-40	48.0	0	391		520		0	
12.250	9.625 J-55	36.0	0	1890		685		0	
8.500	5.500 L-80	17.0	0	12007		2611		2450	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	6867							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7390	11980	7390 TO 11980	0.460	600	OPEN
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
7390 TO 11980	PLEASE SEE FRAC FOCUS

NM OIL CONSERVATION  
ARTESIA DISTRICT  
AUG 29 2017

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/04/2017	02/04/2017	24	→	979.0	1737.0	1570.0			GAS LIFT

Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
24	SI	960.0	→	979	1737	1570	1774	PQW

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 reverse side)

ELECTRONIC SUBMISSION #370012 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

PETROLEUM ENGINEER

RECLAMATION DUE:  
AUG 04 2017

DAVID R. GLASS

ACCEPTED FOR RECORD  
AUG 07 2017

## 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
BELL CANYON	1953	2950	WATER	SALADO	1247
CHERRY CANYON	2950	4134	WATER	CASTILE	1775
BRUSHY CANYON	4134	5637	WATER	BELL CANYON	1953
BONE SPRING	5637	7195	WATER AND OIL	CHERRY CANYON	2950
				BRUSHY CANYON	4134
				BONE SPRING	5637

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

Cimarex Energy requests to hold all completion paperwork and logs confidential.

## 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 #370012 Verified by the BLM Well Information System.**

**For CIMAREX ENERGY COMPANY, sent to the Carlsbad**

**Committed to AFMSS for processing by DUNCAN WHITLOCK on 04/06/2017 (17DW0042SE)**

Name (please print) HOPE KNAULS

Title REGULATORY TECHNICIAN

Signature \_\_\_\_\_ (Electronic Submission)

Date 03/15/2017

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 \*\***