

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTARTESIA DISTRICT  
JAN 04 2015  
OCD Artesia

RECEIVED

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. NMNM14124	
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: TERRI STATHEM E-Mail: tstathe@cimarex.com	
3. Address 202 S. CHEYENNE AVE, STE 1000 TULSA, OK 74103		3a. Phone No. (include area code) Ph: 432-620-1936	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESW 330FNL 1550FWL At top prod interval reported below SESW 330FNL 1550FWL At total depth NENW 200FSL 1878FWL		8. Lease Name and Well No. MARQUARDT 1 FEDERAL 15H	
14. Date Spudded 08/19/2015		15. Date T.D. Reached 08/31/2015	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/19/2015		9. API Well No. 30-015-42471	
18. Total Depth: MD 11788 TVD 7165		19. Plug Back T.D.: MD 11785 TVD	
20. Depth Bridge Plug Set: MD TVD		10. Field and Pool, or Exploratory BONE SPRING	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NO LOGS		11. Sec., T., R., M., or Block and Survey or Area Sec 1 T25S R26E Mer	
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	
24. Tubing Record		17. Elevations (DF, KB, RT, GL)* 3286 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 J55	48.0	0	408		517		0	
12.250	9.625 J55	36.0	0	1925		756		0	
8.500	5.500 L80	17.0	0	11788		2032		0	
				11786					

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	6608	6608						

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7130	11760	7130 TO 11760	0.540	525	OPEN
B)						
C)						
D)						

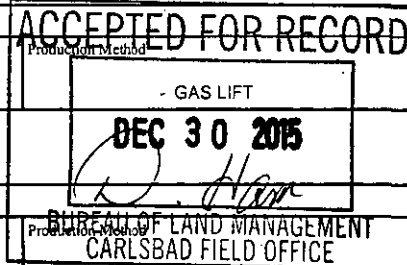
Depth Interval	Amount and Type of Material
7130 TO 11760	98370 BBLS TOTAL FLUID; 647903# SAND

28. Production - Interval A									
Date First Produced 10/24/2015	Test Date 11/02/2015	Hours Tested 24	Test Production →	Oil BBL 778.0	Gas MCF 1172.0	Water BBL 1117.0	Oil Gravity Corr. API 44.7	Gas Gravity	Production Method GAS LIFT
Choke Size 29	Tbg. Press. Flwg. SI 750	Csg. Press. 160.0	24 Hr. Rate →	Oil BBL 778	Gas MCF 1172	Water BBL 1117	Gas:Oil Ratio 1506	Well Status 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 #324071 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

Reclamation  
Date: 5/2/16

AB

## 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	Thg. 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	Thg. 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	2002	2819	WATER	BELL CANYON	2002
CHERRY CANYON	2819	3828	WATER	CHERRY CANYON	2819
BRUSHY CANYON	3828	5385	OIL GAS WATER	BRUSHY CANYON	3828
BONE SPRING	5385	8547	OIL GAS WATER	BONE SPRING	5385

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

## 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 #324071 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 11/30/2015 ()

Name (please print) TERRI STATHEMTitle MANAGER REGULATORY COMPLIANCE

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

Date 11/19/2015

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***