

## ARTESIA DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM14124

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
MARQUARDT 1 FEDERAL 15H

9. API Well No.	30-015-42471
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10. Field and Pool, or Exploratory  
BONE SPRING

11. Sec., T., R., M., or Block and Survey  
or Area Sec 1 T25S R26E Mer

12. County or Parish EDDY	13. State NM
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17. Elevations (DF, KB, RT, GL)\*  
3286 GI

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other \_\_\_\_\_

b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv. \_\_\_\_\_

Other \_\_\_\_\_

2. Name of Operator  
CIMAREX ENERGY COMPANY

Contact: TERRI STATHEM  
E-Mail: tstatthem@cimarex.com

3. Address	202 S. CHEYENNE AVE, STE 1000 TULSA, OK 74103	3a. Phone No. (include area code) Ph: 432-620-1936
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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

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
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18. Total Depth:	MD TVD	11788 7165	19. Plug Back T.D.:	MD TVD	11785	20. Depth Bridge Plug Set:	MD TVD
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21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
NO LOGS

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ Yes (Submit analysis)

## 23. Casing and Liner Record (Report all strings set in well)

## 24. Tubing Record

## 25. Producing Intervals

## 26. Perforation Record

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


## 28. Production - Interval A

28a. Production - Interval B

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

**ELECTRONIC SUBMISSION #324071 VERIFIED BY THE BLM WELL INFORMATION SYSTEM**

MISSION #524071 VERIFIED BY THE BEM WELL INFORMATION SYSTEM  
 \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*



## 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	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

Name (please print) TERRI STATHEM Title 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 \*\***