

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNMOCD  
HobbsFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM1292671a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
NMNM1371472. Name of Operator  
CIMAREX ENERGY COMPANYContact: TERRI STATHEM  
E-Mail: tstathem@cimarex.com8. Lease Name and Well No.  
WEST GRAMA RIDGE 8 5 FEDERAL 2H3. Address 202 S CHEYENNE AVE SUITE 1000  
TULSA, OK 741033a. Phone No. (include area code)  
Ph: 432-620-19369. API Well No.  
30-025-43554-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface Sec 8 T22S R34E Mer NMP  
SESW 280FSL 2000FWL 32.235906 N Lat, 103.293881 W LonAt top prod interval reported below Sec 8 T22S R34E Mer NMP  
SESW 280FSL 2000FWLAt total depth Sec 5 T22S R34E Mer NMP  
Lot 3 330FNL 1882FWL10. Field and Pool, or Exploratory  
GRAMA RIDGE-BONE SPRINGS, WEST11. Sec., T., R., M., or Block and Survey  
or Area Sec 8 T22S R34E Mer NMP12. County or Parish  
LEA13. State  
NM14. Date Spudded  
01/24/201715. Date T.D. Reached  
02/25/201716. Date Completed  
☐ D & A ☒ Ready to Prod.  
04/19/201717. Elevations (DF, KB, RT, GL)\*  
3531 GL18. Total Depth: MD 20343  
TVD 1081319. Plug Back T.D.: MD 20329  
TVD20. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CNLRES22. 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)

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	54.4	0	1705		1735		0	
12.250	9.625 J-55	36.0	0	5155		1855		0	
8.500	5.500 P-110	20.0	0	20343		3180		0	

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10310	20305	10310 TO 20305	0.000	735	OPEN - Bone Spring
B)						
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
10310 TO 20305	214814 BBLs TOTAL FLUID; 14477215# 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	Production Method
04/19/2017	05/03/2017	24	→	713.0	699.0	1699.0	41.6		FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	0	1567.0	→	713	699	1699	980	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 #379002 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION DUE:  
OCT 19 2017

PETROLEUM ENGINEER

ACCEPTED FOR RECORD  
(MID. SGD) DAVID E. GRAM  
JUL 10 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
RUSTLER	1530	1925			
TOP OF SALT	1925	3700	NA	TOP OF SALT	1925
BASE OF SALT	3700	5256	NA	DELAWARE	5256
DELAWARE	5256	8443	OIL	BONE SPRING	8443
BONE SPRING	10310	20305	OIL/GAS/WATER		

32. Additional remarks (include plugging procedure):  
logs via overnight mail

tubing to be run in 6 months - please see NMOCD letter

## 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 #379002 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY, sent to the Hobbs  
Committed to AFMSS for processing by DEBORAH HAM on 06/20/2017 (17DMH0144SE)

Name (please print) TERRI STATHEM

Title MANAGER REGULATORY COMPLIANCE

Signature (Electronic Submission)

Date 06/15/2017

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 \*\***