

JAN 29 2013

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM43562

1a. 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.

2. Name of Operator **CIMAREX ENERGY COMPANY OF** Contact: **TERRI STATHEM**  
Email: **tstathem@cimarex.com**

8. Lease Name and Well No.  
**CASCADE 29 FEDERAL 1H**

3. Address **600 NORTH MARIENFELD STREET, SUITE 600  
MIDLAND, TX 79701** 3a. Phone No. (include area code)  
Ph: **918-295-1763**

9. API Well No.  
**30-025-40346-00-S1**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **NWNW 330FNL 350FWL Unit D**  
At top prod interval reported below **NWNW 360FNL 559FWL**  
At total depth **NWNW 353FNL 438FWL Unit M**

10. Field and Pool, or Exploratory  
**WILDCAT Bone Spring (97994)**

11. Sec., T., R., M., or Block and Survey  
or Area **Sec 29 T25S R33E Mer NMP**

12. County or Parish  
**LEA** 13. State  
**NM**

14. Date Spudded  
**01/05/2012** 15. Date T.D. Reached  
**03/03/2012** 16. Date Completed  
 D & A  Ready to Prod.  
**09/16/2012**

17. Elevations (DF, KB, RT, GL)\*  
**3423 GL**

18. Total Depth: **MD 14296 TVD 9849** 19. Plug Back T.D.: **MD 14240 TVD** 20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**DLSDN** 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)

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	995		835		0	
12.250	9.625 J-55	40.0	0	4813		2855		0	
8.750	5.500 P-110	17.0	0	14289		2550		650	

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	9396							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>BONE SPRING</b>	9651	14186	9651 TO 14186	0.000	333	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9651 TO 14186	2431391 BBLs TOTAL FLUID; 1608271#SAND

**DECLAMATION**  
**DUE 3-16-13**

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
09/25/2012	10/03/2012	24	→	442.0	787.0	895.0	43.9		GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
37/64	420	925.0	→	442	787	895	1780	POW	

**ACCEPTED FOR RECORD**

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
			→						JAN 27 2013
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 #163544 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE  
*[Signature]*

FEB 06 2013

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	984
				TOP OF SALT	1128
				BASE OF SALT	4687
				DELAWARE	4913
				CHERRY CANYON	5976
				BONE SPRING	9017

32. Additional remarks (include plugging procedure):  
LOGS SENT VIA OVERNIGHT MAIL

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 #163544 Verified by the BLM Well Information System.**  
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs  
Committed to AFMSS for processing by KURT SIMMONS on 01/08/2013 (13KMS1628SE)

Name (please print) TERRI STATHEM Title COORDINATOR REGULATORY COMPLIA

Signature \_\_\_\_\_ (Electronic Submission) Date 12/13/2012

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 \*\***