

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM114978

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
FORTY NINER RIDGE 23 FEDERAL 2H

9. API Well No.  
30-015-40649-00-S1

10. Field and Pool, or Exploratory  
FORTY NINER RIDGE

11. Sec., T., R., M., or Block and Survey  
or Area Sec 23 T23S R30E Mer NMP

12. County or Parish  
EDDY


13. State  
NM

17. Elevations (DF, KB, RT, GL)\*  
3270 GL

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

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

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

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

3. Address 600 NORTH MARIENFELD STREET SUITE 600  
MIDLAND, TX 79701

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 SWSE 390FSL 1980FEL

At top prod interval reported below SWSE 390FSL 1980FEL

At total depth NWNE 330FNL 1917FEL

14. Date Spudded  
02/23/2013

15. Date T.D. Reached  
03/17/2013

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
04/10/2013

18. Total Depth: MD 14169  
TVD 9810

19. Plug Back T.D.: MD 14130  
TVD

20. Depth Bridge Plug Set: MD  
TVD

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

## 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 J55	48.0	0	368		832		0	
12.250	9.625 J55	40.0	0	3882		1460		0	
7.875	5.500 P110	17.0	0	14169		2260		8050	

## 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	9214							



## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9690	10124	9690 TO 10124	0.420	360	OPEN
B)						
C)						
D)						



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

Depth Interval	Amount and Type of Material
9690 TO 10124	216689 GALS TOTAL FLUID; 2781741# 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
04/15/2013	04/28/2013	24		611.0	673.0	404.0	41.6		GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20	SI 750	820.0		611	673	404		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
04/15/2013	04/28/2013	24		611.0	673.0	404.0	41.6		GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20	SI 750	820.0		611	673	404		POW	

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

ELECTRONIC SUBMISSION #214252 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION  
DUE 10-10-13

RECEIVED

JUL 31 2013

NMOCD ARTESIA

ACCEPTED FOR RECORD

GAS LIFT

JUL 28 2013

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 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.)  
CAPTURED

## 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	150
				TOP SALT	500
				BASE OF SALT	3635
				LAMAR	3826
				DELAWARE	3880
				BELL CANYON	3900
				CHERRY CANYON	4760
				BRUSHY CANYON	6400
				BONE SPRING	7720

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

\*\*Amended to correct formation log markers.

## 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 #214252 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 07/24/2013 (13KMS6821SE)**

Name (please print) TERRI STATHEMTitle REGULATORY ANALYST

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

Date 07/19/2013

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 \*\***