

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

ARTESIA DISTRICT  
NMOCD  
FEB 22 2016  
ArtesiaFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM97126
6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
8. Lease Name and Well No. WHITE CITY 8 FEDERAL 5H
9. API Well No. 30-015-41610
10. Field and Pool, or Exploratory BONE SPRING
11. Sec., T., R., M., or Block and Survey or Area Sec 8 T25S R27E Mer
12. County or Parish EDDY
13. State NM
17. Elevations (DF, KB, RT, GL)* 3243 GL
18. Total Depth: MD 11985 TVD 7524
19. Plug Back T.D.: MD 11982 TVD
20. Depth Bridge Plug Set: MD TVD
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)

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  
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 SESE 330FSL 660FEL

At top prod interval reported below SESE 330FSL 660FEL

At total depth NENE 330FSL 660FEL

14. Date Spudded  
09/07/2015

15. Date T.D. Reached  
09/17/2015

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
11/01/2015

18. Total Depth: MD 11985  
TVD 7524

19. Plug Back T.D.: MD 11982  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
NO LOGS

## 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled†
17.500	13.375 J55	48.0	0	457		570		0	
12.250	9.625 J55	36.0	0	2049		735		0	
8.500	5.500 L80	17.0	0	11985		2089		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)
2.375	7026	7026						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7460	11957	7460 TO 11957	0.540	450	OPEN
B)						
C)						
D)						

## 26. Perforation Record

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

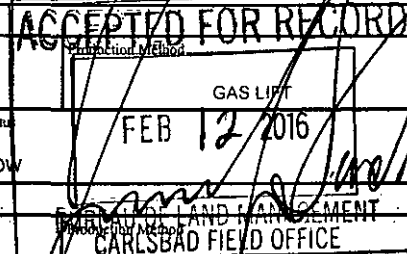
Depth Interval	Amount and Type of Material
7460 TO 11957	98914 BBLs TOTAL FLUID & 6452934# SAND

## 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
11/06/2015	11/13/2015	24	→	612.0	997.0	1496.0	45.0	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
24	900	180.0	→	612	997	1496	1629	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
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	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 #324070 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation due: 05/13/2016

## 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 St	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 St	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	2195	3023	WATER	BELL CANYON	2195
CHERRY CANYON	3023	4081	WATER	CHERRY CANYON	3023
BRUSHY CANYON	4081	5705	OIL GAS WATER	BRUSHY CANYON	4081
BONE SPRING	5705	8826	OIL GAS WATER	BONE SPRING	5705

upper formations?

## 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 #324070 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 12/23/2015 ()

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 \*\***