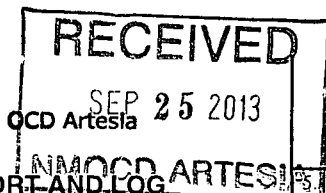


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No.  
NNNM0560353

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator CIMAREX ENERGY COMPANY		8. Lease Name and Well No. CRESCENT HALE 10 FEDERAL 3H	
Contact: ARICKA EASTERLING E-Mail: aeasterling@cimarex.com			
3. Address 202 S. CHEYENNE AVE, SUITE 1000 TULSA, OK 74103		9. API Well No. 30-015-40784	
3a. Phone No. (include area code) Ph: 918-560-7060			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 11 T19S R30E Mer SWSW 2250FSL 2025FWL At top prod interval reported below Sec 11 T19S R30E Mer SWSW 2250FSL 2025FWL At total depth Sec 10 T19S R30E Mer SWSW 1962FSL 336FWL		10. Field and Pool, or Exploratory HACKBERRY; BONE SPRING	
		11. Sec., T., R., M., or Block and Survey or Area Sec 11 T19S R30E Mer	
		12. County or Parish EDDY	
		13. State NM	
14. Date Spudded 03/18/2013		15. Date T.D. Reached 04/04/2013	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/11/2013		17. Elevations (DF, KB, RT, GL)* 3354 GL	
18. Total Depth: MD 15329 TVD 8393		19. Plug Back T.D.: MD 15326 TVD	
20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) N/A		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)	

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	16.000 J55	16.0	0	410		600		0	35
14.750	11.750 J55	47.0	0	1990		1100		0	108
10.625	8.625 J55	32.0	0	4208		1170		0	384
7.875	4.500 P110	11.0	0	15329		2484		2214	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)
2.875	7643							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9390	15240	9390 TO 15240	0.420	520	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9390 TO 15240	2,083,800 GAL OF TOTAL FLUID & 3,478,822 # 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
06/11/2013	06/27/2013	24	→	327.0	165.0	461.0	42.8		
Choke Size	Thg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
10/64	SI	20	→	327	165	461	505	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	Thg. Press. Flwg.	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 #220179 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION  
DUE 12-11-13

ACCEPTED FOR RECORD

SEP 22 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	380
				TOP SALT	600
				BASE SALT	1850
				SEVEN RIVERS	2250
				DELAWARE SANDS	4250
				BONE SPRING	6075
				2ND BONE SPRING	7550
				3RD BONE SPRING	8370

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

Logs are being sent via overnight mail to Carlsbad NM office.

## 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 #220179 Verified by the BLM Well Information System.

For CIMAREX ENERGY COMPANY, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 09/18/2013 ()

Name(please print) ARICKA EASTERLING

Title REGULATORY ANALYST

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

Date 09/16/2013

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.

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*