

AUG 18 2011

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-Hobbs

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG RECEIVED

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMNM052		
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 _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator CIMAREX ENERGY COMPANY OF CO			7. Unit or CA Agreement Name and No.		
Contact: CAROLYN LARSON Email: clarons@cimarex.com			8. Lease Name and Well No. MALLON 34 FED 19		
3. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701			9. API Well No. 30-025-39894-00-S1		
3a. Phone No. (include area code) Ph: 432-620-1946			10. Field and Pool, or Exploratory QUAIL RIDGE Bone Springs		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SENE 1690FNL 720FEL At top prod interval reported below SENE 1720FNL 979FEL At total depth SWNW 2001FNL 345FWL			11. Sec., T., R., M., or Block and Survey or Area Sec 34 T19S R34E Mer NMP		
14. Date Spudded 01/08/2011			15. Date T.D. Reached 02/28/2011		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/27/2011			17. Elevations (DF, KB, RT, GL)* 3708 GL		
18. Total Depth: MD 15025 TVD 10827			19. Plug Back T.D.: MD 14977 TVD 10827		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) PLATFORMEXPRESS		
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 checked="" type="checkbox"/> No <input 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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 K-55	61.0	0	1700		260		0	
12.250	9.625 N-80	40.0	0	5485		1640		0	
8.750	7.000 P-110	26.0	0	10791		1050		570	
6.125	4.500 P-110	11.6	10580	15024		500			

## 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	10356							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) BONE SPRING	10900	14964	10900 TO 11541	0.000	40	Open
B)			11752 TO 12396	0.000	40	Open
C)			12608 TO 13252	0.000	40	Open
D)			13464 TO 14108	0.000	40	Open

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

Depth Interval	Amount and Type of Material
10900 TO 11539	253145# 20/40 sand, 196018 gal Borate XL
11752 TO 12394	252158# 20/40 sand, 193537 gal Borate XL
12608 TO 13252	235446# 20/40 sand, 188020 gal Borate XL
13464 TO 14108	237704# 20/40 sand, 190854 gal Borate XL

## 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
04/08/2011	04/30/2011	24	→	362.0	295.0	211.0	43.2	
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
30/64	SI	30.0	→	362	295	211	815	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	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #114178 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION  
DUE 11-27-11

## 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
				2ND BONE SPRING BONE SPRING WOLFCAMP	10015 10658 10978

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

#43. 14320-14964 .42 40holes Open

## 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 #114178 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs  
Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/02/2011 (11DLM0623SE)

Name(please print) CAROLYN LARSON

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/29/2011

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 \*\* REVISED \*\*

**Additional data for transaction #114178 that would not fit on the form**

**27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued**

Depth Interval	Amount and Type of Material
14322 TO 14964	230498# 20/40 sand, 190498 gal Borate XL