

HOBBS OCD

OCD- Artesia

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

SEP 16 2011

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			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. NMNM126831		
2. Name of Operator CIMAREX ENERGY COMPANY OF			8. Lease Name and Well No. EAST LUSK 24 FED COM 1		
3. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701			9. API Well No. 30-025-39957-00-S1		
3a. Phone No. (include area code) Ph: 432-620-1936			10. Field and Pool, or Exploratory LUSK		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNW 660FNL 660FWL At top prod interval reported below NWNW 1060FNL 660FWL At total depth SWSW 675FSL 852FWL			11. Sec., T., R., M., or Block and Survey or Area Sec 24 T19S R32E Mer NMP		
14. Date Spudded 12/26/2010			15. Date T.D. Reached 01/29/2011		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/28/2011			17. Elevations (DF, KB, RT, GL)* 3610 GL		
18. Total Depth: MD TVD 13627 9814		19. Plug Back T.D.: MD TVD 13598 9812		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) POROSITY&RESIST			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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	1165		965		0	
12.250	9.625 P-110	40.0	0	5208	3232	3520		0	
8.750	5.500 P-110	17.0	0	13642		1940		1360	

## 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	9473							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10053	13590	10053 TO 10765		40	Open, BS
B)			11000 TO 11710		40	Open, BS
C)			11943 TO 12650		40	Open, BS
D)			12883 TO 13590		40	Open, BS

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

Depth Interval	Amount and Type of Material
10053 TO 10765	gal 20# Borate XL, 282920# 20/40 SB Excel
11000 TO 11710	gal 20# Borate XL, 238136# 20/40 SB Excel
11943 TO 12650	gal 20# Borate XL, 240329# 20/40 SB Excel
12883 TO 13590	gal 20# Borate XL, 233250# 20/40 SB Excel

## 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
03/31/2011			→						
Choke Size	Tbg Press Flwg. SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→					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
03/31/2011	04/19/2011	24	→	97.0	16.0	268.0	37.3	1.46	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg Press Flwg. SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
OPEN	SI	70.0	→	97	16	268	165	POW	

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

ELECTRONIC SUBMISSION #111883 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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## 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

32. Additional remarks (include plugging procedure):  
Logs to be mailed to BLM.

## 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 #111883 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 06/30/2011 (11DLM0557SE)**

Name (please print) NATALIE E KRUEGERTitle REGULATORY ANALYST

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

Date 06/29/2011

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 \*\***