

AUG 02 2011

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010**RECEIVED****WELL COMPLETION OR RECOMPLETION REPORT AND LOG**5 Lease Serial No
NMNM12413

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
 b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
 Other _____

6 If Indian, Allottee or Tribe Name

7 Unit or CA Agreement Name and No
PENDING2 Name of Operator
CIMAREX ENERGY CO OF COLORADO
Contact: NATALIE E KRUEGER
Email: nkrueger@cimarex.com8 Lease Name and Well No
EAST LUSK 24 FEDERAL COM 0013 Address 600 N MARIENFELD ST, STE 600
MIDLAND, TX 797013a Phone No (include area code)
Ph 432-620-19369 API Well No
30-025-39957

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

10 Field and Pool, or Exploratory
LUSK, BONE SPRING, EAST11 Sec., T., R., M., or Block and Survey
or Area Sec 24 T19S R32E Mer NMP12 County or Parish
LEA 13 State
NM14 Date Spudded
12/26/201015 Date T.D. Reached
01/29/201116 Date Completed
☐ D & A ☒ Ready to Prod
03/28/201117 Elevations (DF, KB, RT, GL)*
3610 GL18 Total Depth MD 13627
TVD 981419 Plug Back T.D. MD 13598
TVD 981220 Depth Bridge Plug Set MD
TVD21 Type Electric & Other Mechanical Logs Run (Submit copy of each)
POROSITY & RESISTIVITY

22 Was well cored? ☒ No ☐ Yes (Submit analysis)
 Was DST run? ☒ No ☐ Yes (Submit analysis)
 Directional Survey? ☐ No ☒ 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 H40	48.0	0	1165		965		0	
12 250	9 625 P110	40.0	0	5208	3232	3520		0	
8 750	5 500 P110	17.0	0	13642		1940		1360	

24 Tubing Record

Size	Depth Set (MD)	Packet Depth (MD)	Size	Depth Set (MD)	Packet Depth (MD)	Size	Depth Set (MD)	Packet Depth (MD)
2 875	9473							

25 Producing Intervals

26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10053	13590	12883 TO 13590	0 420	40	OPEN
B)			11943 TO 12650	0 420	40	OPEN
C)			11000 TO 11710	0 420	40	OPEN
D)			10053 TO 10765	0 420	40	OPEN

27 Acid Fracture Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
12883 TO 13590	185,916 GAL 20# BORATE XL & 233,250# 20/40 SB EXCEL
11943 TO 12650	197,384 GAL 20# BORATE XL & 240,329# 20/40 SB EXCEL
11000 TO 11710	189,085 GAL 20# BORATE XL & 238,136# 20/40 SB EXCEL
10053 TO 10765	200,052 GAL 20# BORATE XL & 282,920# 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 Cont. 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	Flow Press (Wg)	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
OPEN	120 SI	70.0	→				165	POW	

28a Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Cont. API	Gas Gravity	Production Method
			→						
Choke Size	Flow Press (Wg)	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 #11883 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

AUG 23 2011

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	1bg Press Flowg 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	1bg Press Flowg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

29 Disposition of Gas(Solid, 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
				BSGL FBSG SBSG	7630 8740 9507

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 CO. OF COLORADO, sent to the Hobbs

Name (please print) NATALIE E KRUEGER

Title REGULATORY

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

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