

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

operator

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM92160

a. 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.

2. Name of Operator: CIMAEX ENERGY COMPANY OF
Contact: NATALIE E KRUEGER
Email: nkrueger@cimarex.com

8. Lease Name and Well No.
CHOSA DRAW 27 FEDERAL-3

3. Address 600 NORTH MARIENFELD STREET SUITE 600
MIDLAND, TX 79701

9. API Well No.
30-015-37180-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 27 T25S R26E Mer NMP
At surface SESE 2480FSL 850FEL
At top prod interval reported below
Sec 27 T25S R26E Mer NMP
At total depth NESE 1984FSL 667FWL

10. Field and Pool, or Exploratory
WILDCAT

11. Sec., T., R., M., or Block and Survey
or Area Sec 27 T25S R26E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
04/02/2011

17. Elevations (DF, KB, RT, GL)*
3272 GL

15. Date T.D. Reached
05/24/2011

16. Date Completed
☐ D & A ☒ Ready to Prod.
06/18/2011

18. Total Depth: MD 13250 TVD 9506
19. Plug-Back T.D.: MD 13200 TVD 9506
20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
POROSITY&RESIST

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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	406		490		0	
12.250	9.625 J-55	40.0	0	1764		870		0	
8.750	7.000 P-110	26.0	0	8800	1513	1335		0	
6.125	4.500 P-110	17.0	8671	13248		340		8671	

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	8649	8643						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9502	13151	9502 TO 9760	0.420	48	Open, Wolfcamp
B)			9885 TO 10143	0.420	48	Open, Wolfcamp
C)			10268 TO 10526	0.420	48	Open, Wolfcamp
D)			10651 TO 11162	0.420	48	Open, Wolfcamp

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

Depth Interval	Amount and Type of Material
9502 TO 9760	gal 15# XL Borate, 407227# 30/70 sand
9502 TO 9760	404,824 GAL 15# XL BORATE & 407,227# 30/70 SAND
9760 TO 11162	374,372 GAL 15# XL BORATE & 362,000# 30/70 SAND, SEE LAST 6 STAGES IN BOX 53
9885 TO 9885	383,626 GAL 15# XL BORATE & 375,826# 30/70 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
06/28/2011	07/20/2011	24	→	180.0	3957.0	424.0	59.9	0.69	PGW
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
30/64	1450	500.0	→	180	3957	424	21983	PGW	

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. SI	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 #114181 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

BLM REVISED BLM REVISED ** BLM REVISED ** BLM REVISED** BLM REVISED **

RECLAMATION
DUE 12-18-11

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. Flowg. SI	Csg. Press.	24 Hr. Rate —	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

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	Tdg. Press. Fwlg. 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
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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
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure):
Additional Wellbore info:

Set 7 inch casing to 8800 and cemented, then drilled out of bottom of 7 inch shoe to pilot depth @ 10250. Set 2 cement kickoff plugs. Set cement kickoff plug from 8825-10250 with 300 sx Plugcem H. Tagged cement @ 8910 and dressed to 9070. Set cement plug @ 9070 with 100 sx Cemex Premium H and tagged plug @ 8810. Kicked off lateral @ 8821.

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:	

- | | | | |
|---|--------------------|---------------|-----------------------|
| 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 #114181 Verified by the BLM Well Information System.

For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 08/01/2011 (11KMS2210SE)

Name (please print) NATALIE E KRUEGER Title REGULATORY ANALYST

Name (please print) NATALIE E KRUEGER Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 07/29/2011

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 ** REVISED ****

Additional data for transaction #114181 that would not fit on the form

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
11033 TO 11289	0.420	48	Open, Wolfcamp
11431 TO 11669	0.420	48	Open, Wolfcamp
11793 TO 12049	0.420	48	Open, Wolfcamp
12173 TO 12429	0.420	48	Open, Wolfcamp
12553 TO 12806	0.420	48	Open, Wolfcamp
12886 TO 13151	0.420	48	Open, Wolfcamp

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

Depth Interval	Amount and Type of Material
9885 TO 10143	gal 15# XL Borate, 375826# 30/70 sand
10268 TO 10526	gal 15# XL Borate, 350455# 30/70 sand
10268 TO 10526	374,372 GAL 15# XL BORATE & 350,455# 30/70 SAND
10651 TO 11162	gal 15# XL Borate, 362000# 30/70 sand
11033 TO 11289	gal 15# XL Borate, 365170# 30/70 sand
11413 TO 11669	gal 15# XL Borate, 332731# 30/70 PRC
11793 TO 12049	gal 15# XL Borate, 359069# 30/70 PRC
12173 TO 12429	gal 15# XL Borate, 359171# 40/70 PRC
12553 TO 12806	gal 15# XL Borate, 358902# 40/70 PRC
12886 TO 13151	gal 15# XL Borate, 357157# 40/70 PRC

32. Additional remarks, continued

Lateral Casing breakdown: Hanger @ 8656. BTC from 8671-10083. LTC from 10083-13248.

Additional Perf Intervals:

11033-11289 0.42 6 spf 48 holes, frac'd with 344,655 gal 15# XL Borate & 365,170# 30/70 Sand
11413-11669 0.42 6 spf 48 holes, frac'd with 365,404 gal 15# XL Borate & 332,731# 30/70 Sand
11793-12049 0.42 6 spf 48 holes, frac'd with 384,541 gal 15# XL Borate & 359,069# 30/70 Sand
12173-12429 0.42 6 spf 48 holes, frac'd with 385,696 gal 15# XL Borate & 359,171# 40/70 PRC
12553-12809 0.42 6 spf 48 holes, frac'd with 394,876 gal 15# XL Borate & 358,902# 40/70 PRC
12886-13151 0.42 6 spf 48 holes, frac'd with 398,357 gal 15# XL Borate & 357,157# 40/70 PRC