

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM0560352

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. PENDING

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

8. Lease Name and Well No. WEST SHUGART 31 FEDERAL COM 004

3. Address 600 N. MARIENFELD ST., STE. 600 MIDLAND, TX 79701 3a. Phone No. (include area code) Ph: 432-620-1936

9. API Well No. 30-015-37785

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWNW 1650FNL 475FWL 32.70661 N Lat, 103.91536 W Lon **47056**
At top prod interval reported below SWNW 1606FNL 553FWL
At total depth SENE 2250FNL 476FEL

10. Field and Pool, or Exploratory BONE SPRING, N **ND**

11. Sec., T., R., M., or Block and Survey or Area Sec 31 T18S R31E Mer NMP

12. County or Parish EDDY 13. State NM

14. Date Spudded 10/06/2010 15. Date T.D. Reached 11/11/2010 16. Date Completed D & A Ready to Prod. 12/15/2010

17. Elevations (DF, KB, RT, GL)* 3542 GL

18. Total Depth: MD 12988 19. Plug Back T.D.: MD 12923 20. Depth Bridge Plug Set: MD
TVD 8803 TVD 8802 TVD

21. 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	560		520		0	
12.250	9.625 J55	40.0	0	3675		1315		0	
8.750	5.500 P110	17.0	0	12971		2430		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	8315							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8652	12911	12239 TO 12911	0.420	40	OPEN
B)			11343 TO 12017	0.420	40	OPEN
C)			10447 TO 11121	0.420	40	OPEN
D)			9551 TO 10225	0.420	40	OPEN, SEE LAST STAGE IN BC

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

Depth Interval	Amount and Type of Material
12239 TO 12911	197,837 GAL 20# BORATE XL & 258,124# 20/40 SB EXCEL
11343 TO 12017	184,089 GAL 20# BORATE XL & 257,740# 20/40 SB EXCEL
10447 TO 11121	194,930 GAL 20# BORATE XL & 251,217# 20/40 SB EXCEL
9551 TO 10225	183,798 GAL 20# BORATE XL & 254,527# 20/40 SB EXCEL, SEE LAST STAGE IN BOX 53

RECEIVED
FEB 22 2011
NMOCD ARTESIA

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
12/16/2010	01/11/2011	24	→	175.0	357.0	321.0	39.4	1.35	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	SI 320	90.0	→				2040	POW	

ACCEPTED FOR RECORD
FEB 14 2011
/s/ Dustin Winkler
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 #102183 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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
				SBSG TBSC	8521 8931

32. Additional remarks (include plugging procedure):

Box 43 Cont'd:
Stage 5 Bone Spring perfs: 8652-9329 0.42, 40 holes, open

Box 44 Cont'd:
Stage 5 Frac: 179,380 gal 20# Borate XL & 257,540# 20/40 SB Excel

Logs to be sent via mail.

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 #102183 Verified by the BLM Well Information System.
For CIMAREX ENERGY CO. OF COLORADO, sent to the Carlsbad

Name (please print) NATALIE E KRUEGER

Title REGULATORY

Signature (Electronic Submission)

Date 02/08/2011

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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