

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 03 2011

HOBBSDO

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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.		
2. Name of Operator CIMAREX ENERGY COMPANY OF OGMail: nkrueger@cimarex.com			8. Lease Name and Well No. MALLON 34 FED 18		
3. Address 600 N MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701			9. API Well No. 30-025-39763-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSW 640FSL 300FWL At top prod interval reported below Sec 34 T19S R34E Mer NMP At total depth SESE 405FSL 330FEL BHL @ P-34-19s-34e, 405/S & 4955W			10. Field and Pool, or Exploratory QUAIL RIDGE UNKNOWN		
14. Date Spudded 07/20/2010			15. Date T.D. Reached 09/12/2010		
16. Date Completed D & A 10/14/2010 <input checked="" type="checkbox"/> Ready to Prod.			17. Elevations (DF, KB, RT, GL)* 3665 GL		
18. Total Depth: MD 15406 TVD 10870			19. Plug Back T.D.: MD 15352 TVD 10870		
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
16.000	13.375 J55	54.5	0	1694		1200		0	
12.250	9.625 P-110	40.0	0	5387		1740		0	
8.750	7.000 P110	26.0	0	10533		1000		10445	
12.250	9.625 N80	40.0	5387	5475					
6.125	4.500 P110	11.6	10312	15400		700		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	10277							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10925	15342	11857 TO 12558	0.000	40	OPEN, SEE LAST 2 STAGES IN
B)			12788 TO 13486	0.000	40	OPEN
C)			13716 TO 14414	0.000	40	OPEN
D)			14644 TO 45342	0.000	40	OPEN

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

Depth Interval	Amount and Type of Material
11857 TO 12558	197,152 GAL 20# BORATE XL & 198,475# 20/40 WHITE SAND, SEE LAST 2 STAGES IN BOX 53
12788 TO 13486	196,401 GAL 20# BORATE XL & 235,823# 20/40 WHITE SAND
13716 TO 14414	190,896 GAL 20# BORATE XL & 252,244# 20/40 WHITE SAND
14644 TO 15342	210,527 GAL 20# BORATE XL & 241,605# 20/40 WHITE 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
10/25/2010	11/23/2010	24	→	230.0	349.0	184.0	43.8	1.45	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
OPEN	40	0.0	→	230	349	184	1517	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. SI	Csg. Press. SI	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 #102473 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

PETROLEUM ENGINEER

MAR 14 2011

[illegible][illegible]

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
SOLD

<p><b>30. Summary of Porous Zones (Include Aquifers):</b></p> <p>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.</p>	<p><b>31. Formation (Log) Markers</b></p>
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				BRUSHY CANYON	7980

32. Additional remarks (include plugging procedure):	
Box 40 Addtl Info:	
On production casing, 7 inch was run from 0-10533 and 2.875 inch 2.18# IJ Fiberglass tubing was run from 10533-10643. Cemented with 1000 sx and used as a kick off plug.	
Box 43 Cont'd:	
Stage 5 Bone Spring perms: 10925-11939 0.42, 40 holes, open	
Box 44 Cont'd:	

32. Additional remarks (include plugging procedure):	
Box 40 Addtl Info:	
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Box 44 Cont'd:	

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:	

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):

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**Electronic Submission #102473 Verified by the BLM Well Information System.**  
**For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs**  
**Committed to AFMSS for processing by KURT SIMMONS on 02/16/2011 (11KMS0299SE)**

Name (please print) NATALIE E KRUEGER Title REGULATORY

Name (please print) NATALIE E KRUEGER Title REGULATORY

Signature \_\_\_\_\_ (Electronic Submission) Date 02/13/2011

Signature \_\_\_\_\_ (Electronic Submission) Date 02/13/2011

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 #102473 that would not fit on the form**

**32. Additional remarks, continued**

Stage 5 Frac: 198,475 gal 20# Borate XL & 255,179# 20/40 White Sand

Logs to be sent via mail.