

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 30 2011

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND LOG
RECEIVED

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			5. Lease Serial No. NMNM052		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator CIMAREX ENERGY COMPANY OF TEXAS Contact: NATALIE E KRUEGER Email: nkrueger@cimarex.com			7. Unit or CA Agreement Name and No.		
3. Address 600 N MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701			8. Lease Name and Well No. MALLON 35 FED 04		
3a. Phone No. (include area code) Ph: 432-620-1936			9. API Well No. 30-025-39382-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 35 T19S R34E Mer NMP At surface SWSW 660FSL 660FWL 32.611388 N Lat, 103.537434 W Lon At top prod interval reported below Sec 35 T19S R34E Mer NMP At total depth NWNW 823FSL 523FEL			10. Field and Pool, or Exploratory LEA BONE SPRING 11. Sec., T., R., M., or Block and Survey or Area Sec 35 T19S R34E Mer NMP 12. County or Parish LEA 13. State NM		
14. Date Spudded 11/27/2010		15. Date T.D. Reached 01/25/2011		16. Date Completed ☐ D & A ☒ Ready to Prod. 03/31/2011	
17. Elevations (DF, KB, RT, GL)* 3689 GL		18. Total Depth: MD 11750 TVD		19. Plug Back T.D.: MD 7999 TVD	
20. Depth Bridge Plug Set: MD 7999 TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) POROSITY&RESIST 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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	1705		1200		0	
12.250	9.625 P-110	40.0	0	5502		1615		0	
8.750	5.500 P-110	17.0	0	14777		2005		1708	

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	10577							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	11001	14734	11001 TO 11594	0.000	40	open
B)			11789 TO 12382	0.000	40	open
C)			12576 TO 13166	0.000	40	open
D)			13360 TO 13950	0.000	40	open

26. Perforation Record

Depth Interval	Amount and Type of Material
11001 TO 11594	gal 20# Borate XL, 262096# 20/40 White Sand
11789 TO 12382	gal 20# Borate XL, 239391# 20/40 White Sand
12576 TO 13166	gal 20# Borate XL, 246599# 20/40 White Sand
13360 TO 13950	gal 20# Borate XL, 241960# 20/40 White Sand

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

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	04/16/2011	24	→	47.0	19.0	8.0	40.6	1.39	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg Press. Flwg.	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
WO	SI 100	90.0	→	47	19	8	404	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	04/29/2011	24	→	107.0	23.0	158.0	40.6	1.39	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg Press. Flwg.	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
WO	SI 70	90.0	→	107	23	158	215	POW	

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

ELECTRONIC SUBMISSION #108004 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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	

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	

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
					Mcas. Depth
				BONE SPRING WOLFCAMP	8250 10974

32. Additional remarks (include plugging procedure):

Final Perf Interval:
11001-11594 0.42 40 holes, Frac'd with 170,243 gal 20# Borate XL & 262,096# 20/40 White Sand

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 #108004 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 05/12/2011 (11KMS0692SE)

Name (please print) NATALIE E KRUEGER

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 05/11/2011

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 #108004 that would not fit on the form

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
14144 TO 14734	0.000	40	open

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

Depth Interval	Amount and Type of Material
14144 TO 14734	gal 20# Borate XL, 239082# 20/40 White Sand

Revisions to Operator-Submitted EC Data for Well Completion #108004

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM052	NMNM052
Agreement:		
Operator:	CIMAREX ENERGY CO. OF COLORADO 600 N. MARIENFELD ST., STE. 600 MIDLAND, TX 79701 Ph: 432-620-1936	CIMAREX ENERGY COMPANY OF CO 600 N MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701 Ph: 432-571-7800
Admin Contact:	NATALIE E KRUEGER REGULATORY E-Mail: nkrueger@cimarex.com Cell: 469-831-5829 Ph: 432-620-1936 Fx: 432-620-1940	NATALIE E KRUEGER REGULATORY ANALYST E-Mail: nkrueger@cimarex.com Cell: 469-831-5829 Ph: 432-620-1936 Fx: 432-620-1940
Tech Contact:	NATALIE E KRUEGER REGULATORY E-Mail: nkrueger@cimarex.com Cell: 469-831-5829 Ph: 432-620-1936 Fx: 432-620-1940	NATALIE E KRUEGER REGULATORY ANALYST E-Mail: nkrueger@cimarex.com Cell: 469-831-5829 Ph: 432-620-1936 Fx: 432-620-1940
Well Name: Number:	MALLON 35 FEDERAL 004	MALLON 35 FED 04
Location: State: County: S/T/R: Surf Loc:	NM LEA Sec 35 T19S R34E Mer NMP SWSW 660FSL 660FWL	NM LEA Sec 35 T19S R34E Mer NMP SWSW 660FSL 660FWL 32.611388 N Lat, 103.537434 W Lon
Field/Pool:	LEA; BONE SPRING	LEA
Logs Run:	POROSITY & RESISTIVITY	POROSITY&RESIST POROSITY&RESIST
Producing Intervals - Formations:	BONE SPRING	BONE SPRING
Porous Zones: Markers:	BONE SPRING FIRST BONE SPRING SECOND BONE SPRING WOLFCAMP	BONE SPRING WOLFCAMP