

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Confidential

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. REPER. ☐	Other _____
2. NAME OF OPERATOR Cimarex Energy Co. of Colorado						5. LEASE DESIGNATION AND SERIAL NO. NM-141013	
3. ADDRESS AND TELEPHONE NO. P O Box 140907 Irving Tx. 75014-0907						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650' FSL & 990' FWL At top prod. interval reported below 1650' FSL & 990' FWL At total depth 1650' FSL & 990' FWL						7. UNIT AGREEMENT NAME NM-116752	
14. PERMIT NO.						12. COUNTY OR PARISH Lea	
DATE ISSUED						13. STATE NM	
15. DATE SPUDDED 08-06-06		16. DATE T.D. REACHED 09-18-06		17. DATE COMPL. (Ready to prod.) 12-16-06		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3678' GR	
19. SLEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 13645'		21. PLUG, BACK T.D., MD & TVD 13385'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Quail Ridge; Morrow (Gas) 13167'-13198'		25. WAS DIRECTIONAL SURVEY MADE Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Spaced Neutron, DLL Microguard, Cement Bond Log	
27. WAS WELL CORRED No		28. CASING RECORD (Report all strings set in well)		29. LINER RECORD		30. TUBING RECORD	
Casing Size/Grade		Weight, Lb./Ft.		Depth Set (MD)		Hole Size	
13-3/8" H-40		48 #		1367'		17-1/2"	
9-5/8" J-55		40 #		4776'		12-1/4"	
5-1/2" P-110		17#		13645'		8-3/4"	
Top of Cement, Cementing Record		Amount Pulled		Size		Depth Set (MD)	
925 sx, circ 289 sx		1800 sx, circ 332 sx		1245 sx TOC 7575'		2-3/8"	
13131'		13131'		13131'		13131'	
31. PREPARATION RECORD (Interval, size and number) See attached		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold	
DATE FIRST PRODUCTION 12-16-06		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Producing		35. LIST OF ATTACHMENTS Electric logs and Inclination Summary	
DATE OF TEST 01-16-07		HOURS TESTED 24		CROCK SIZE 15/64		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS. 3900		CASING PRESSURE 1400		CALCULATED 24-HOUR RATE		OIL—BBL. 42	
GAS—MCF. 533		WATER—BBL. 0		GAS-OIL RATIO 12691		TEST WITNESSED BY MAR 12 2007	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED <u>Natalie Krueger</u>		TITLE <u>Reg Analyst 1</u>		DATE <u>03-05-07</u>	

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

Mescalero 19 Federal No. 2

30-025-37999

Lea County, NM

Perforation Record	Acid, Shot, Fracture, Cement Squeeze, Etc.	
	Depth Interval	Amount and Kind of Material Used
13468'-13478' 6 spf, 60 holes CIBP @ 13420' w/ 35' cmt	13468'-13478'	1000 gal 7-1/2% Gas Well Acid flushed w/ 7% KCl Water
13301'-13328' 6 spf, 162 holes CBP @ 13285'	13301'-13328'	3000 gal 7-1/2% Gas Well Acid flushed w/ 7% KCl Water
	13301'-13328'	5000 gal 7-1/2% Gas Well Acid w/ 100 Perf-Pac balls flushed w/ 7% KCl Water
	13301'-13328'	59814 gal foamed 35# CMHPG Water Frac 85:15 7% KCl w/ Methanol, CO2, & 128715# 20/40 Bauxite
13226'-13232' 6 spf, 36 holes CBP @ 13218'	13226'-13232'	1000 gal 7-1/2% Gas Well Acid flushed w/ 7% KCl Water
13188'-13198' 6 spf, 36 holes		
13167'-13188' 6 spf, 126 holes		

37. SUMMARY OF POROUS ZONES: (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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Yates	3742	
				Queen	4448	
				Delaware	6545	
				Bone Spring	8010	
				Wolfcamp	11074	
				Strawn	12135	
				Atoka Clastics	12478	
				Morrow Clastics	12995	
				Barnett	13540	

5215 N. O'Connor Blvd.
Suite 1500
Irving, TX 75039
972-401-3111 (phone)
972-443-6486 (fax)

Cimarex Energy Co. of Colorado

March 5, 2007

New Mexico Oil Conservation Division
1625 North French Drive
Hobbs, NM 88240
Attn: Ms. Donna Mull

RE: Mescalero 19 Federal No. 2
30-025-37999
Lea County, NM
Request for Confidentiality – 3160-4, C-104, and Logs

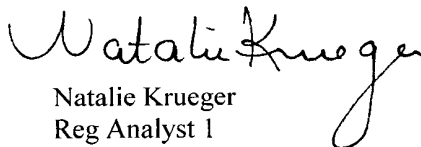
Dear Ms. Mull,

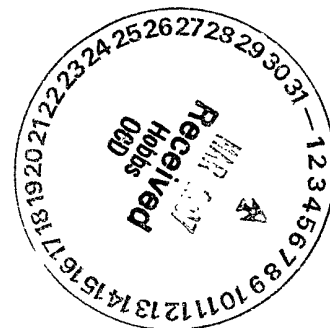
Enclosed, please find a copy of the 3160-4, an original C-104, and logs for the Mescalero 19 Federal No. 2. Cimarex requests that this completion and logs be kept confidential for as long as possible.

Thanks for your help.

If you have any questions or need further information, please me at 469-420-2723.

Sincerely,


Natalie Krueger
Reg Analyst 1



nkrueger@cimarex.com