

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. REVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR Cimarex Energy Co. of Colorado							
3. ADDRESS AND TELEPHONE NO. P O Box 140907 Irving Tx. 75014-0907							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1780' FSL & 735' FWL At top prod. interval reported below 1780' FSL & 735' FWL At total depth 1780' FSL & 735' FWL							
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDDED 09-01-06				16. DATE T.D. REACHED 09-27-06		17. DATE COMPL. (Ready to prod.) 12-14-06	
18. ELEVATIONS (DP, BBL, RT, GR, ETC.)* 3313' GR				19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 11875'		21. PLUG, BACK T.D., MD & TVD 11831'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY All	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* White City; Penn (Gas) 11128'-11214'						25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Spaced Neutron, DLL Microguard, Cement Bond Log						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8" H-40		48 #		215'		17-1/2"	
9-5/8" J-55		40 #		2770'		12-1/4"	
5-1/2" P-110		17#		11875'		8-3/4"	
29. LINER RECORD		30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SCREEN (MD)	
31. PERFORATION RECORD (Interval, size and number) See attached		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
33. PRODUCTION							
DATE FIRST PRODUCTION 12-14-06		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 01-13-07		HOURS TESTED 24		CHOKES SIZE 21/64		PROD'N. FOR TEST PERIOD OIL—BBL. 0 GAS—MCF. 1437 WATER—BBL. 6 GAS-OIL RATIO	
FLOW, TUBING PRESS. 80		CASING PRESSURE 400		CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL.		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Electric logs and Inclination Summary							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Datalin Kuvaj</u>		TITLE <u>Reg Analyst 1</u>				DATE <u>02-02-07</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.

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Base Salt	1747'	
				Delaware	1944'	
				Bone Spring	5437'	
				Bone Spring 1st SS	6349'	
				Bone Spring 2nd SS	7037'	
				Bone Spring 3rd SS	8169'	
				Wolfcamp	8497'	
				Cisco-Canyon	9919'	
				Strawn	10129'	
				Atoka	10311'	
				Morrow	10900'	
				Middle Morrow	11293'	
				Lower Morrow	11594'	

Marquardt 1 Penn Federal No. 3

30-015-34788

Eddy County, NM

Perforation Record	Acid, Shot, Fracture, Cement Squeeze, Etc.	
	Depth Interval	Amount and Kind of Material Used
11327'-11388' 6 jspf, 48 holes CBP @ 11290'	11327'-11388'	750 gal 7-1/2% Gas Well Acid flushed w/ 7% KCl water
	11327'-11388'	23100 gal 35# CMHPG w/ 15% Methanol, 106 tons 65Q CO2 carrying 38680# Versaprop
11206'-11214' 6 jspf, 48 holes	11206'-11214'	750 gal 7-1/2% Gas Well Acid flushed w/ 7% KCl water
11128'-11145' 6 jspf, 102 holes	11128'-11145'	2000 gal 7-1/2% Gas Well Acid flushed w/ 7% KCl water
	11128'-11214'	47040 gal 45# CMHPG 85% / 7% KCL Water / 15% Methanol carrying 165000# Versaprop

2/2/2007

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