

Form 3160-4
(October 1990)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

5. LEASE DESIGNATION AND SERIAL NO.

NM-4313

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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. REMVR. ☐ 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 2300' FSL & 1650' FEL

At top prod. interval reported below 2300' FSL & 1650' FEL

At total depth 2300' FSL & 1650' FEL

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE SPUDDED 01-09-06 16. DATE T.D. REACHED 02-21-06 17. DATE COMPL. (Ready to prod.) 05-17-06 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 3606' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 13576' 21. PLUG, BACK T.D., MD & TVD 13446' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY All 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Quail Ridge; Morrow, North (Gas) 13039' - 13263'

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Spaced Neutron GRL, Dual Laterlog Micro Guard, 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	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8" H-40	48#	434'	17-1/2"	410 sx circ 13 1/8" sx	
9-5/8" J-55	40#	3431'	12-1/4"	1700 sx circ 30 1/2" sx	
5-1/2" P-110	17#	13576'	8-3/4"	2240 sx TOC 41 1/2" sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	12295'	12295'

31. PERFORATION RECORD (Interval, size and number)

13039' - 13044' 2 SPF 10 holes

13051' - 13057' 1 SPF 6 holes

13160' - 13163' 3 SPF 9 SPF

13250' - 13252' 4 SPF 8 holes

13261' - 13263' 4 SPF 8 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13039' - 13263'	65000 gal 65-61Q 45# Water Frac CMHPG w/ 48500# Ultraprop

33. PRODUCTION

DATE FIRST PRODUCTION 05-17-06 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 06-02-06 HOURS TESTED 24 CHOKED SIZE WO PROD'N. FOR TEST PERIOD 3 OIL—BBL. 62 GAS—MCF. 3 WATER—BBL. 20667 GAS-OIL RATIO

FLOW. TUBING PRESS. 650 CASING PRESSURE 0 CALCULATED 24-HOUR RATE 1 OIL—BBL. 1 GAS—MCF. 1 WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

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

Natalie Krueger

TITLE

Reg Analyst 1

DATE 06-21-06

*(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):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Yates	3265'					
Queen	4430'					
Delaware	5760'					
Bone Spring	7825'					
Wolfcamp	10740'					
Strawn	12100'					
Atoka	12500'					
Morrow Clastics	13125'					