

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-110339

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

McGruder Hill 13 Federal No. 3

9. API WELL NO.

30-015-34778

10. FIELD AND POOL, OR WILDCAT

Happy Valley; Morrow (Gas)

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec 13 T-22S- R-25E

12. COUNTY OR
PARISH

Eddy

13. STATE

NM

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☐

DIFF. REVR. ☐

Other _____

RECEIVED

JUN 26 2006

2. NAME OF OPERATOR

Cimarex Energy Co.

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 2445' FSL & 260' FWL

At top prod. interval reported below 2034' FNL & 1348' FWL

At total depth 1874' FNL & 1597' FWL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

12-01-05

16. DATE T.D. REACHED

01-01-06

17. DATE COMPL. (Ready to prod.)

03-31-06

18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*

3440' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

MD 11775' TVD 11488'

21. PLUG, BACK T.D., MD & TVD

MD 11676' TVD 11390'

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

MD Happy Valley; Morrow (Gas) 11028' - 11158'

TVD Happy Valley; Morrow (Gas) 10771' - 10888'

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Spaced Neutron GRL, Dual Laterolog Micro-SFL, Cement Bond Log

27. WAS WELL CORRED

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 #	653'	17-1/2"	650 sx circ 210 sx	
9-5/8" J-55	36 #	2638'	12-1/4"	960 sx circ 245 sx	
5-1/2" P-110	17#	11775'	7-7/8"	1970 sx circ 197 sx TOC 1780'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	10980'	10980'

31. PERFORATION RECORD (Interval, size and number)

11028' - 11158' 6 JSPF 270 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11028' - 11158'	430 tons CO2 foamed to 70-61 & 100000# Versaprop

33. PRODUCTION

DATE FIRST PRODUCTION 03-31-06		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 04-12-06	HOURS TESTED 24 hours	CHOKE SIZE wide open	PROD'N. FOR TEST PERIOD →	OIL—BBL. 0	GAS—MCF. 1537	WATER—BBL. 109	GAS-OIL RATIO 0
FLOW. TUBING PRESS. 500	CASING PRESSURE 0	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 Deviation Report

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 I

DATE 06-20-06

*(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, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Delaware	2404'	2404'
				Bone Spring	4540'	4540'
				Wolfcamp	8276'	5582'
				Cisco-Canyon	9153'	9011'
				Strawn	9799'	9616'
				Atoka	10229'	10015'
				Morrow	10661'	10417'