

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 ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ 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 1980' FSL & 660' FWL

At top prod. interval reported below 1980' FSL & 660' FWL

At total depth 1980' FSL & 660' FWL

CONFIDENTIAL

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.
NM-104661

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Pending

8. FARM OR LEASE NAME, WELL NO.

Trinity 20 Federal Com No. 2

9. API WELL NO.

30-015-34500

10. FIELD AND POOL, OR WILDCAT

Chosa Draw; Morrow (GAS) *KW*

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

20-25S-26E

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE SPUDDED 04-21-06 16. DATE T.D. REACHED 06-05-06 17. DATE COMPL. (Ready to prod.) 10-30-06 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3460' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 12325' 21. PLUG, BACK T.D., MD & TVD 12275' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → All 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Chosa Draw; Morrow 11446' - 11454' 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)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8" H-40	48#	220'	17-1/2"	220 sx circ 62 sx	
9-5/8" J-55	40#	2686'	12-1/4"	775 sx circ 47 sx	
7" N-80	26#	10001'	8-3/4"	570 sx circ 59 sx	
4-1/2" P-110	11.6#	12325'	6-1/8"	240 sx TOC 10950'	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	11365'	11358'

31. PERFORATION RECORD (Interval, size and number)

See attachment

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See attachment	

33. PRODUCTION

DATE FIRST PRODUCTION 10-30-06 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 11-18-06 HOURS TESTED 24 CHOKE SIZE 22/64 PROD'N. FOR TEST PERIOD → 0 OIL—BBL. 1152 GAS—MCF. 3 WATER—BBL. OIL GRAVITY-API (CORR.)

FLOW, TUBING PRESS. 2700 CASING PRESSURE 3500 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.

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 Knege* TITLE Regulatory Analyst 1 DATE 12-07-06

*(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.

KW

RECEIVED
AUG 4 2011
NMOCD ARTESIA

ACCEPTED FOR RECORD

TEST WITNESSED BY *Wesley W. Ingram* DEC 26 2006

WESLEY W. INGRAM
PETROLEUM ENGINEER

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
				Base Salt	1201'	
				Delaware	1780'	
				Bone Spring	5853'	
				Bone Spring 1st SS	6172'	
				Bone Spring 2nd SS	7494'	
				Bone Spring 3rd SS	7979'	
				Wolfcamp	8379'	
				Cisco-Canyon	10079'	
				Strawn	10382'	
				Atoka	10597'	
				Morrow	11126'	
				Morrow Lower	11927'	

Estill AD Federal No. 3 - Perf & Treatment Attachment

30-015-34162

Eddy County, New Mexico

Perforation Record	Acid, Shot, Fracture, Cement Squeeze, Etc.	
	Depth Interval	Amount and Kind of Material Used
12107'-12112' 6 spf 36 holes, RBP @ 11921'	12107'-12112'	500 gal 7-1/2% gas well acid flushed w/ 7% KCL
11721'-11730' 6 spf, 60 holes RBP @ 11690'	11721'-11730'	1000 gal 7-1/2% gas well acid flushed w/ 7% KCL
11561'-11568' 6 spf, 48 holes RBP @ 11540'	11561'-11568'	1000 gal 7-1/2% gas well acid flushed w/ 7% KCL
11446'-11486' 6 spf, 156 holes	11446'-11486'	2500 gal 7-1/2% gas well acid flushed w/ 7% KCL
		44438 gal foamed 35# CMHPG water frac: 85:15 7% KCL w/ Methanol, CO2, & 135470# 18/40 Versaprop