

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_  
2. TYPE OF COMPLETION: WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. REINFR. ☐ Other \_\_\_\_\_

3. NAME OF OPERATOR

Cimarex Energy Co. of Colorado

4. ADDRESS AND TELEPHONE NO.

P O Box 140907 Irving Tx. 75014-0907

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 1850' FSL & 990' FWL

At top prod. interval reported below 1850' FSL & 990' FWL

At total depth 1850' FSL & 990' FWL

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH  
Eddy

13. STATE  
NM

15. DATE SPUDDED 06-16-06 16. DATE T.D. REACHED 07-13-06 17. DATE COMPL. (Ready to prod.) 10-01-06 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 3694' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 10445' 21. PLUG, BACK T.D., MD & TVD 10338' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY All 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* Undesignated Abo Wildcat 7030' - 7096'

25. WAS DIRECTIONAL SURVEY MADE  
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Spaced Neutron & DLL Microguard

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 FULLED
13-3/8" H-40	48#	207'	17-1/2"	425 sx, circ 100 sx	
9-5/8" J-55	40#	3100'	12-1/4"	968 sx, circ 89 sx	
5-1/2" P-110	17#	10445'	8-3/4"	1150 sx, TOC 0'	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	7067'	

31. PERFORATION RECORD (Interval, size and number)

8210'-8220' 6 spf 60 holes CIBP @ 8150' w/ 35' cmt

7030'-7096' 3 spf 222 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8210'-8220'	1000 gal 7-1/2% HCL NEFE
7030'-7096'	5000 gal 7-1/2% NEFE w/ 200 SG 1.3 Ball
	Sealers & flush w/ 7% KCL Water
7030'-7096'	70000 gal DetlaFrac140-R w/ 149800# 16/30

33. PRODUCTION

Premium White Sand

DATE FIRST PRODUCTION 10-01-06 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping w/ 2.5" x 1.5" x 22' RHBC HVR Pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 10-16-06 HOURS TESTED 24 CHOKER SIZE PROD'N. FOR TEST PERIOD OIL—BBL. 5 GAS—MCF. 0 WATER—BBL. 20 GAS-OIL RATIO

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

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

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

Natalie Krueger

TITLE

Regulatory Analyst I

DATE

11-14-06

\*(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	813'	
				Seven Rivers	1000'	
				Queen	1405'	
				San Andres	2478'	
				Glorieta	4138'	
				Tubb	5130'	
				Abo	6040'	
				Wolfcamp	7135'	
				Strawn	9686'	
				Atoka	9900'	
				Morrow	10235'	
				Mississippian	10370'	



OPERATOR  
WELL/LEASE  
COUNTY

Cimerax Energy Company  
Bear Bryant 31 Fed. Com #1  
Eddy Co., N.M.

046-0042

STATE OF NEW MEXICO  
DEVIATION REPORT

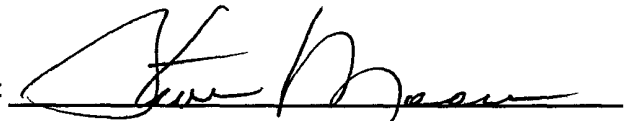
416	0.50
870	0.25
1,422	0.25
1,899	1.00
2,121	0.75
2,372	0.75
2,871	0.50
3,059	0.75
3,544	1.00
4,015	0.50
4,485	0.75
4,985	0.25
5,458	0.50
5,742	0.50
6,242	0.70
6,722	1.00
7,187	1.00
7,666	0.25
8,109	0.25
8,585	0.25
9,028	0.25
9,527	0.75
9,997	0.75
10,445 T.D.	0.75

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STATE OF TEXAS

COUNTY OF MIDLAND

BY:



The foregoing instrument was acknowledged before me on  
Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

July 28, 2006, by Steve

  
Notary Public for Midland County, Texas  
My Commission Expires: 4/08/07

