

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 *

5. LEASE DESIGNATION AND SERIAL NO.

NM-3622

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Scout 18 Federal No. 2

9. API WELL NO.

30-025-37892

10. FIELD AND POOL, OR WILDCAT

Tonto; 7 Rivers

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

18-19S-34E

12. COUNTY OR PARISH

Lea

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 ☐

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 710' FSL & 660' FWL

At top prod. interval reported below 710' FSL & 660' FWL

At total depth 710' FSL & 660' FWL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

08-28-06

16. DATE T.D. REACHED

09-05-06

17. DATE COMPL. (Ready to prod.)

10-17-06

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

3699' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5015'

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

4886'

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)*

Quail Ridge; Yates, South 3734' - 3870'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Spaced Neutron, DLL Microguard, Cement Bond Log

27. WAS WELL CORRO

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
8-5/8" J-55	24#	416'	11"	225 sx circ 88 sx	
5-1/2" J-55	17#	5015'	7-7/8"	2560 sx TOC 650'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	3901'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4678' - 4687' 6 spf 60 holes CIBP @ 4650 w/ 35' cmt

3734' - 3870' 4 spf 252 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4678'-4687'	500 gal 7.5% HCL, 25% Methanol, 7% KCL
3734'-3870'	500 gal 7.5% HCL, 25% Methanol
3734'-3870'	65920 gal pad w/ 159781 20/40 & 12/20 Brady
	Sand, 3645 gal gelled water

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-17-06		Pumping - 2-1/2 x 1-1/2 x 16 RHBC				Producing	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-19-06	24		→	35	22	51	629
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
110	110	→					

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

Natalie Krueger

TITLE

Regulatory Analyst 1

DATE

04-17-07

*(See Instructions and Spaces for Additional Data on Reverse Side)

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
				Rustler	1579	
				Yates	3384	
				Base Yates Carb	3730	
				Yates Sand	3877	
				7 Rivers	3939	
				Queen	4410	
				Penrose	4637	
				Capitan	4789	