

OCD-ARTESIA

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, 19915. LEASE DESIGNATION AND SERIAL NO.
NM-0441951

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

White City 31 Federal No. 3

9. API WELL NO.

30-015-34300

10. FIELD AND POOL, OR WILDCAT

White City; Penn (Gas)

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

31-24S-26E

12. COUNTY OR PARISH
Eddy13. STATE
NM

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 ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVER. ☐ 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 950' FNL & 1000' FWL

At top prod. interval reported below 950' FNL & 1000' FWL

At total depth 950' FNL & 1000' FWL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

03-11-06

16. DATE T.D. REACHED

04-18-06

17. DATE COMPL. (Ready to prod.)

08-02-06

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

3524' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

12135'

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

11765'

22. IF MULTIPLE COMPL., HOW MANY*

1

23. INTERVALS DRILLED BY

All

ROTARY TOOLS

All

CABLE TOOLS

All

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

11368' - 11829' White City; Penn (Gas)

(comp plugs at 11800' and 11940' to be knocked out when pressure decreases)

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Spaced Neutron, DLL Microguard, 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#	215'	17-1/2"	210 sx circ 46 sx	
9-5/8" J-55	40 #	1940'	12-1/4"	725 sx circ 35 sx	
5-1/2" P-110	17#	12135'	8-3/4"	2180 sx TOC 6050'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	11369'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

11960'-964' 6 JPSF 24 holes Comp plug @ 11940' 2sx sand
 11821'-829' 6 JPSF 54 holes comp plug @ 11800' 2sx sand
 11460'-630' 6 JPSF 246 holes
 11368'-390' 6 JPSF 126 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11821' - 11829'	12000gal foam 45# CMHPG 28600# Versaprop
11468' - 11630'	51357gal foam 45# CMHPG 10050# Versaprop
11368' - 11390'	30891gal foam 45# CMHPG 65488# Versaprop

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or Shut-in)	
08-02-06		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
08-09-06	24	12/64	1806	0	0	NA	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2000	2750						

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 Kruge

TITLE

Regulatory Analyst I

DATE 08-16-06

*(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):

GEOLOGIC MARKERS

38.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Base Salt	1401'					
Delaware	1612'					
Bone Spring	5275'					
Bone Spring 1st SS	6214'					
Bone Spring 2nd SS	6776'					
Bone Spring 3rd SS	8080'					
Wolfcamp	8337'					
Cisco-Canyon	9937'					
Strawn	10246'					
Atoka	10485'					
Morrow	11055'					
Lower Morrow	11721'					