

OCD-ARTESIA

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-097874

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Bear Bryant 31 Federal Com No. 1

9. API WELL NO.

30-015-34906

10. FIELD AND POOL, OR WILDCAT

Undesignated Abo Wildcat

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

Section 31-T16S-R29E

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 ☐

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 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

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

ROTARY TOOLS

All

CABLE TOOLS

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 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#	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 DeltaFrac140-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

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

20

FLOW, TUBING FROM

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

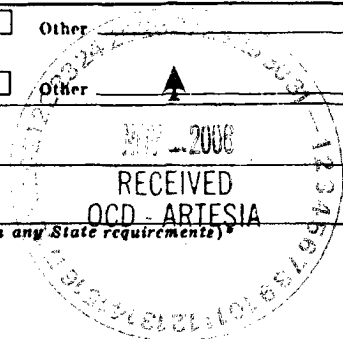
Wendy Kueger

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.



ACCEPTED FOR RECORD
NOV 20 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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP 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'	

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FILED