Form 3160-4
(April 2004)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: NM-9824

1a. Type of Well: [X] Oil Well [ ] Gas Well [ ] Dry [ ] Other
b. Type of Completion: [ ] New Well [ ] Work Over [ ] Deepen [X] Plug Back [X] Diff. Resvr
Other Recompleted to Bone Spring (Wolfcamp behind CBP)

6. If Indian, Allottee or Tribe Name:

2. Name of Operator: Cimarex Energy Co. of Colorado

7. Unit or CA Agreement Name and No.: NM NM 70966X

8. Lease Name and Well No.: Laguna Deep Federal Unit No. 5

3. Address: PO Box 140907; Irving, TX 75014

3a. Phone No. *(include area code)*: 972-443-6489

9. API Well No.: 30-025-34749 SZ

4. Location of Well *(Report Location clearly and in accordance with Federal requirements)**

At surface: 1980 FNL & 660 FWL

At top prod interval reported below

At total depth

10. Field and Pool, or Exploratory: Teas; Bone Spring

11. Sec., T., R., M., on Block and Survey or Area: 35-19S-33E

12. County or Parish: Lea

13. State: NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
11.02.99	12.09.99	[ ] D & A [X] Ready to Prod. 05.29.07	3606' GR

18. Total Depth	19. Plug Back TD	20. Depth Bridge Plug Set
MD 13650'	MD 13065'	MD 13100'
TVD	TVD	TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Logs run on initial completion

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey [X] No [ ] Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17½"	13⅜"	48	0'	855'				0'	
11"	8⅝"	32	0'	5210'				0'	
7⅞"	5½"	17	0'	13650'				8530'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2⅜"	9827'							

25. Producing Intervals

26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A)	Wolfcamp	10970'	12043'	11322'-11352'	0.43	55	SI behind RBP @ 9650'
B)	Bone Spring	8070'	10970'	9274'-9731'	0.43	91	Producing
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
11322'-11352'	Acidized w/ 200 gal Xylene & 500 gal 15% HCL, Acidized w/ 2000 gal 15% NeFe Acid w/ 80 ball sealers. Acid Frac'd w/ 5000 gal 2% NeFe HCl
9713'-9731'	Acidized w/ 1800 gal 7½% NeFe acid w/ 80 ball sealers
9274'-9300'	Acidized w/ 1200 ga; 7½% NeFe acid w/ 55 ball sealers
9274'-9731'	Frac'd w/ 65016 gal Medallion 3000, 124409# Econoprop 20/40, 19713# Super DC 20/40, 8904 gal 30# 4% Linear Gel

28 Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity BTU	Production Method
06.06.07	07.06.07	24	→	118	156	71	39	1.128	Pumping
Choke Size	**Tbg Press Flwg SI**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas/Oil Ratio**	**Well Status**	
20/64	192 SI	111	→				1,322	Producing	

28 Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	**Tbg Press Flwg SI**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas/Oil Ratio**	**Well Status**	
			→						

ACCEPTED FOR RECORD
NOV 29 2008
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

* *(See instructions and spaces for additional data on page 2)*

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method

Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Sold

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				Bone Spring	8,070'
				FBSS	9,155'
				SBSS	9,681'
				TBSS	10,514'
				Wolfcamp Carb	10,970'
				Strawn	12,043'
				Atoka	12,278'
				Morrow	12,815'
				Middle Morrow	13,017'
				Lower Morrow	13,373'

32. Additional remarks (include plugging procedure):

05.29.07 Installed 1½" x 1¾" x 16' rod pump.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Natalie Krueger Title Regulatory Analyst

Signature Natalie Krueger Date November 18, 2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.