

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG



1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM-94839	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr. Other <u>Recompleted to Wolfcamp</u>		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Cimarex Energy Co. of Colorado		7. Unit or CA Agreement Name and No.	
3. Address PO Box 140907; Irving, TX 75014		8. Lease Name and Well No Wigeon 23 Federal Com 1	
3a. Phone No (include area code) 972-443-6489		9. API Well No. 30-015-33563	
4. Location of Well (Report Location clearly and in accordance with Federal requirements)* At surface 1650' FSL & 1650' FEL At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory White City; Penn	
14. Date Spudded 09.15.04		15. Date T.D. Reached 10.17.04	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3377' GR	

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18. Total Depth: MD 12300' TVD	19. Plug Back TD: MD 10275' TVD	20. Depth Bridge Plug Set: MD 10310' TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Logs run on initial completion		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey <input checked="" type="checkbox"/> No <input type="checkbox"/> 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
17 1/2"	13 3/8"	54.5	0'	403'		400 sx		0'	
12 1/4"	9 5/8"	40	0'	1919'		675sx		0'	
8 3/4"	7"	23	0'	10022'		1675 sx		100'	
6 1/8"	4 1/2"	11.6	0'	12300'		410 sx		6,550'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/4"	9827'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) Wolfcamp	8604'	10301'	9797'-9895'	6 spf	360	producing
B) Wolfcamp	8604'	10301'	9641'-9742'	6 spf	120	producing
C) Wolfcamp	8604'	10301'	9460'-9571'	6 spf	120	producing
D) Wolfcamp	8604'	10301'	9240'-9312'	6 spf	120	producing

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

Depth Interval	Amount and Type of Material
	See attachment

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
05.06.08	05.20.08	24	→	11	336	31	51.2	1.233	Flowing
Choke Size	Tbg. Press Flwg.	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
open	SI 50	700	→				30,545	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.	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		→						

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

Accepted for record - NMOCD

ACCEPTED FOR RECORD

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CARLSBAD FIELD OFFICE

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

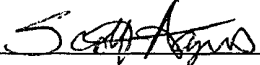
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				Base Salt	1,684'
				Delaware	1,886'
				Bone Spring	5,393'
				Wolfcamp	8,604'
				Cisco-Canyon	10,301'
				Strawn	10,601'
				Atoka	10,800'
				Morrow	11,394'

32. Additional remarks (include plugging procedure):

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) Scott Haynes Title Regulatory Analyst
 Signature  Date December 11, 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.

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

Wigeon 23 Federal Com 1

23-25S-26E

Eddy County, NM

Depth Interval	Amount and Type of Material Used
9797'-9895'	Acid frac w/5000 gal 15% HCl & Flush w/7000 gal slickwater, 20000 gal 1% clear frac pad & 10000 gals slickwater .5 #100 mesh slug tagged with isotope & flush w/7000 gal slickwater.
9641'-9742'	Acid frac w/5000 gal 15% HCl & Flush w/7000 gal slickwater, 39500 gal 1% clear frac pad & 12000 gal 1% clear frac pad, 5000 gal .5 # 100 mesh slugs, 11000 gal slick water pad, 20000 gal clear frac pad .5 # 30/50 Econoprop, & flush with 6600 gal slick water.
9460'-9571'	Acid Frac w/ 5000 gal 15% HCL & Flush w/7000 gal slickwater, 15000 gal Slickwater Pad, 5000 gal .5# 100 mesh slugs, 30000 gal clear frac pad followed with .5# to 2.5# 30/50 Econoprop & flush with 6300 gals of slickwater.
9240'-9312'	Acid frac w/5000 gal 15% HCL & flush w/7000 gal slickwater, 11000 gal slickwater pad, 5000 gal .5# 100 mesh slugs, 20000 gal clear frac pad followed w/ .5# to 3# 30/50 Econoprop & flush w/ 5375 gals of slickwater.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-33563	² Pool Code	³ Pool Name Wildcat; Wolfcamp
⁴ Property Code	⁵ Property Name Wigeon 23 Federal Com	⁶ Well Number 1
⁷ OGRID No. 162683	⁸ Operator Name Cimarex Energy Co. of Colorado	⁹ Elevation 3377'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	23	25S	26E		1650'	South	1650'	East	Eddy

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ 	<p align="center">Wigeon 23 Federal Com #1</p>	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature Date 12-10-08
		Printed Name Scott Haynes
		¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
		Date of Survey Signature and Seal of Professional Surveyor: Certificate Number