Form 3160-4
(April 2004)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Confidentiality Requested Revised *

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5 Lease Serial No: NM-105886

1a Type of Well: [X] Oil Well [ ] Gas Well [ ] Dry [ ] Other
b. Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff Resvr.
Other

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No: Pending

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

8 Lease Name and Well No: Enterprise 11 Federal Com No. 3

3. Address: 5215 N. O'Connor Blvd., Ste. 1500; Irving, TX 75039

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

9. API Well No.: 30-005-29057

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

10 Field and Pool, or Exploratory: Wolfcamp; Abo Wildcat <97715>

At surface: 1980 FNL & 330 FWL

11. Sec., T., R., M., on Block and Survey or Area: 11-15S-31E

At top prod. interval reported below: 1980 FNL & 330 FWL

At total depth: 1943 FNL & 4898 FWL ~~1928 FNL & 364 FEL~~

12. County or Parish: Chaves

13. State: NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
10.20.08	11.06.08	[ ] D & A [X] Ready to Prod. 12.17.08	4404' GR

18 Total Depth:	MD 13258'	19 Plug Back TD:	MD 13258'	20. Depth Bridge Plug Set:	MD
*	TVD 8859'	*	TVD 8859'		TVD

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

No logs run

22 Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey [ ] No [X] 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 H-40	48#	0'	358'		530 sx Thix/PP		0'	
12¼"	9⅝" J-55	40#	0'	3,976'		1250 sx IntC/PP		0'	
8¾"	7" P-110	26#	0'	8,500'		750 sx Econocem/Versacem		0'	
6⅛" (horiz)	4½" P-110	11.6# BTC	8,367'	9,123'					
		11.6# LTC	9,123'	13,000'					

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2⅞"	8087' (vertical)							

25. Producing Intervals

	Formation	Top	Bottom
A)	Lower Abo Dolomite	8791'	
B)			
C)			
D)			

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
no perfs - fracture treated through iso-ports separated by iso-packers			

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

Depth Interval	Amount and Type of Material
	please see attachment for 8-stage frac job details

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	Production Method
12.18.08	01.02.09	24	→	314	313	51	40.2	btu 1.450	Pumping - submersible pump in hole

Choke Size	Tbg Press Flwg / SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
wo	220 / 100	60	→				997	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
			→					

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

KS

Revised

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
				Yates	2312'
				Queen	3090'
				SanAndres	3940'
				Abo Shale	7340'
				Lower Abo Dolomite	8791'
				Wolfcamp LS	8871'

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: PEAK Systems Drawing, Frac Job, Deviation Report

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 April 15, 2009

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

Enterprise 11 Federal Com No. 3

11-15S-31E

Chaves County, NM

Depth Interval	Amount and Type of Material Used
12758'-13258'	Pump 36 bbl slickwater, 119 bbl 15% HCl, 95 bbl slickwater before pump-off plug broke @ 4198#, pump 95 bbl slickwater SD, Pump 119 bbl Deep Spot HCl, 200 bbl slickwater (CASING SAVER FAILURE) 6100#, continue to displace acid in casing (400 bbl total). Pump 144 bbl Lightning-2000, ramp 9329# of 30/50 white sand, flush with 145 bbl slickwater, drop 2¼" ball followed by 122 bbl 15% HCl, 386 bbl slickwater, avg rate 58 bpm.
12317'-12764'	Ball open port @ 12,581,' pumped 122 bbl 15%, 386 bbl slickwater. Frac Abo with 9,045# of 30/50 White sand, ramped ½ to 1 ppg, 110 bbl Deep Spot acid, 122 bbl 15% HCl, 1387 bbl slickwater, 119 bbl Lighting 2000 Pad. Drop 2½" ball, flushed 122 bbl 15% HCl & 137 bbl Slickwater.
11735'-12309'	Open port @ 11,999' @ 5939#. Frac Abo with 10,030# of 30/50 White snd. Ramp½ to 1 ppg, avg rate 60 bpm, Drop 2¾" Ball, flush 125 bbl HCl, 360 bbl slickwater.
11156'-11729'	Open port @ 11,164 @ 5971#. Frac with 8,434# of 30/50 white sand, ramp½ to 1 ppg, avg rate 60 bpm. Drop 2¾" ball, flush 120 bbl 15%, 366 bbl flush.
10557'-11149'	Open Port @ 10,837 @ 5868 Psi. Drop 3" ball, Pumped 120 bbl 15% HCl & 366 bbl Slickwater. Frac Abo with 5208 gals 15% DeepSpot HCl, 5166 gals 15 % HCl, 4998 gals Lightning-2000, 40000 gals Slickwater with 9892# of 30/50 white sand, ramp ½ to 1 ppg, avg rate 4088 # @ 60 bpm. Drop 3¼" Ball followed by 119 bbl 15 % HCl.
9815'-10567'	Open Port @ 9997' @ 4123#. Frac Abo with 6300 gals DeepSpot, 6972 gals 15% HCl, 20000 gals Lighting-2000, 40000 gals slickwater, 11,083# of 30/50 white sand, ramped½ to 1 ppg. Avg rate 60.5 bpm @ 4930#. Drop 3½" ball,
9237'-9820'	Open Port @ 9502' @ 5992#. Frac Abo with 8217# of 30/50 sand. Drop 3¾ " Ball.
8837'-9231'	Open Port @ 9125' @ 6801.' Frac Abo with 6621 # of 30/50 sand, ramp from½ to 1 ppg, ran short of sand. Avg. rate 46.2 bpm @ 4995 Psi.