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**AUG 17 2009**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIALITY REQUESTED  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

New Mexico Oil Conservation Division, District I  
1625 N. French Drive  
Hobbs, NM 88240

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

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other ☒

b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. ☐ Other

2. Name of Operator  
Cimrex Energy Co. of Colorado ✓

3. Address  
PO Box 140907; Irving, TX 75014

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

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

At surface 1980 FNL & 330 FWL ✓ Unit-E ✓

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

At total depth 1949 FNL & 772 FEL

5. Lease Serial No.  
LC-064900

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
Midway 17 Federal No. 1 ✓

9. API Well No.  
30-005-29034 0051

10. Field and Pool, or Exploratory  
Abo Wildcat 2970197 ✓

11. Sec., T., R., M., on Block and  
Survey or Area  
17-15S-31E ✓

12. County or Parish  
Chaves ✓

13. State  
NM ✓

14. Date Spudded  
06.16.08

15. Date T.D. Reached  
08.05.08

16. Date Completed  
09.09.08  
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
4446' GR

18. Total Depth MD 12648' TVD 8756'

19. Plug Back TD: 12648' TD 8756'

20. Depth Bridge Plug Set: MD 8374' TVD 8374'

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

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey ☐ 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
17 1/2"	13 3/4"	48	0'	362'		375 Class C		0'	
12 1/4"	9 5/8"	40	0'	3950'		1060 sx POZ C & Class C		0'	
8 1/2"	7"	26	0'	9500'		911 sx POZ H & TXI		0'	
6 1/2"	4 1/2"	11.6	8244'	9146'		no cement		TS 800'	
6 1/4"	4 1/4"	11.6	9146'	12330'		no cement			

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"	8,239'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Abo	7419'	8770'	no perms...iso-pack strata-port 6-stage frac job			
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
	please see attachment for 6-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 BTU	Production Method
09.09.08	09.19.08	24	→	93	153	187	37.2		Pumping Oil, Flaring Gas
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
open	SITP 330	40	→				845	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  
BY DAVID R. GLASS  
AUG 11 2009  
DAVID R. GLASS  
PETROLEUM ENGINEER

## 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.)

Gas flared, waiting on pipeline.

## 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
				Abo	7419'
				Abo Dolomite	8571'
				Base Anhydrite	8686'
				Hueco Wolfcamp	8770'

## 32. Additional remarks (include plugging procedure):

09.03.08 PU & RIH w/ seal assembly and 2½" tubing. Tested seal assembly to 1000# with no leak-off.  
09.17.08 Installed 2½" x 1¾" x 24' RHBC frac 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: PEAK Systems Drawing, Frac Job, Deviation/well path

## 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 October 9, 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  
**Midway 17 Federal No. 1**  
17-15S-31E  
Chaves County, NM

Depth Interval	Amount and Type of Material Used
Stage 1 12101' - 12648'	Pump 119 bbl of 15% HCl NeFe acid, 381 bbl slick water, SD, 95 bbl slick water, 119 bbl Deep spot 15% HCl acid, 357 bbl slick water, 119 bbl Lightning 2000 x-linker pad, 0.5 to 1 ppg 30/50# white sand in lightning 2000 gel, 357 bbl slick water & flush with 20# linear gel. Pump down 7" & 4 ½" liner. Drop 2½" ball. Pump 119 bbl of 15% HCl NeFe acid & 204 bbl slick water, seat ball, open port at 11796.' 10000# 30/50 white sand pumped.
Stage 2 11285' - 12101'	Cont pumping 177 bbl slick water, SD, 95 bbl slick water, 119 bbl Deep spot 15% HCl acid, 714 bbl slick water, 119 bbl Lightning 2000 x-linker pad, 0.5 to 1 ppg 30/50# white sand in lightning 2000 gel, 952 bbl slick water & flush with 20# linear gel. Drop 2¾" ball. Pump 119 bbl 15% HCl NeFe acid, 155 bbl slick water, seat ball, open port at 11063.' 10000# 30/50 white sand pumped.
Stage 3 10720' - 11285'	Cont pumping 214 bbl slick water, SD, 107 bbl slick water, 119 bbl Deep spot 15% HCl acid, 357 bbl slick water, 119 bbl Lightning 2000 x-linker pad, 0.5 to 1 ppg 30/50# white sand in lightning 2000 gel, 476 bbl slick water & flush with 20# linear gel. Drop 3" ball. Pump 119 bbl 15% HCl NeFe acid, 204 bbl slick water, seat ball, open port at 10287.' 10000# 30/50 white sand pumped.
Stage 4 10031' - 10720'	Cont pumping 153 bbl slick water, SD, 119 bbl slick water, 119 bbl Deep spot 15% HCl acid, 595 bbl slick water, 119 bbl Lightning 2000 x-linker pad, 0.5 to 1 ppg 30/50# white sand in lightning 2000 gel, 595 bbl slick water & flush with 20# linear gel. Drop 3¼" ball. Pump 119 bbl 15% HCl NeFe acid, 185 bbl slick water, seat ball, open port at 9810.' 10000# 30/50 white sand pumped.
Stage 5 9342' - 10031'	Cont pumping 160 bbl slick water, SD, 131 bbl slick water, 119 bbl Deep spot 15% HCl acid, 595 bbl slick water, 119 bbl Lightning 2000 x-linker pad, 0.5 to 1 ppg 30/50# white sand in lightning 2000 gel, 595 bbl slick water & flush with 20# linear gel. Drop 3½" ball. Pump 197 bbl 15% HCl NeFe acid, 100 bbl slick water, seat ball, open port at 9149.' 10000# 30/50 white sand pumped.
Stage 6 8347' - 9342'	Cont pumping 233 bbl slick water, SD, 143 bbl slick water, 119 bbl Deep spot 15% HCl acid, 595 bbl slick water, 119 bbl Lightning 2000 x-linker pad, 0.5 to 1 30/50# white sand in lightning 2000 gel, 595 bbl slick water & flush with 328 bbl slick water. 10000# 30/50 white sand pumped.