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HOBBSDO

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

New Mexico Oil Conservation Division, District 1

1625 N. French Drive
Hobbs, NM 88240FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. LC-064900	
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____		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 600 N. Marienfeld St., Ste. 600; Midland, TX 79701		8. Lease Name and Well No. Midway 17 Federal No. 2	
3a. Phone No (include area code) 432-571-7800		9. API Well No. 30-005-29082-630051	
4. Location of Well (Report Location clearly and in accordance with Federal requirements)* At surface 375 FSL & 375 FEL At top prod. interval reported below 375 FSL & 375 FEL At total depth 380 FSL & 363 FWL FEL		10. Field and Pool, or Exploratory Abo Wildcat	
14. Date Spudded 07.22.09		15. Date T D. Reached Pilot Hole 08-08-09 Lateral 08-24-09	
16. Date Completed ☐ D & A ☒ Ready to Prod		11.14.09	
18. Total Depth: MD 13234' TVD 8724'		19. Plug Back TD: MD 13234' TVD 8724'	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) No logs run	
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey ☐ No ☒ Yes (Submit copy)		17. Elevations (DF, RKB, RT, GL)* 4426' GR	

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"	13¾"	48	0'	352'		100 sx Thix, 370 sx HalcemC		0' (1" w/ 190 sx)	
12¾"	9¾"	40	0'	3956'		1000 sx Econocem, 200 sx HalC		0'	
8¾"	7"	26	0'	8458'		850 sx Econocem, 365 sx Halcem			
8¾"	2¾"	2.18	8458'	8991'					
6¾"	4½"	11.6	8361'	8875'	BTC	no cement			
6¾"	4½"	11.6	9053'	13061'	LTC	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)
2¾"	8215'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Abo	8355'	13234'	no perms...PEAK completion liner with 10-stage frac job			
B)						
C)						
D)						

26 Perforation Record

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

Depth Interval	Amount and Type of Material
	Please 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
11.14.09	11.19.09	24	→	124	125	636	40.2	1.428	Pumping
Choke Size	Tbg Press Flwg	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
open	SITP 400	90	→				1,008	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

S/ DAVID R. GLASS

APR 16 2010

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.*)

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
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

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 Details, 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 12, 2010

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.

Midway 17 Federal No. 2

17-15S-31E

Chaves County, NM

Depth Interval	Amount and Type of Material Used
Stage 1 12877-13234	6166 gal 15% HCl, 6048 gal 15% XL HCl, 33600 gal Slick Water, 152796 gal 25# XL Borate carrying 66050# 20/40 White Sand & 39980# 20/40 SB Excel Sand. Dropped 1.5# ball.
Stage 2 12533-12877	5166 gal 15% HCl, 5208 gal 15% XL HCl, 31500 gal Slick Water, 141666 gal 25# XL Borate carrying 62100# 20/40 White Sand & 39000# 20/40 SB Excel Sand. Dropped 1.68# ball.
Stage 3 12183-12533	5460 gal 15% HCl, 4788 gal 15% XL HCl, 32298 gal Slick Water, 135954 gal 25# XL Borate carrying 63700# 20/40 White Sand & 41200# 20/40 SB Excel Sand. Dropped 1.88# ball.
Stage 4 11815-12183	4914 gal 15% HCl, 4452 gal 15% XL HCl, 28994 gal Slick Water, 137424 gal 25# XL Borate carrying 62000# 20/40 White Sand & 39100# 20/40 SB Excel Sand. Dropped 2.063# ball.
Stage 5 11506-11815	4830 gal 15% HCl, 5250 gal 15% XL HCl, 31416 gal Slick Water, 182952 gal 25# XL Borate carrying 62400# 20/40 White Sand & 41500# 20/40 SB Excel Sand. Dropped 2.25# ball.
Stage 6 11143-11506	3654 gal 15% HCl, 7140 gal 15% XL HCl, 22636 gal Slick Water, 139272 gal 25# XL Borate carrying 62400# 20/40 White Sand & 41590# 20/40 SB Excel Sand. Dropped 2.44# ball.
Stage 7 10780-11143	5586 gal 15% HCl, 3948 gal 15% XL HCl, 31416 gal Slick Water, 90174 gal 25# XL Borate carrying 62700# 20/40 White Sand & 39150# 20/40 SB Excel Sand. Dropped 2.63# ball.
Stage 8 10414-10780	4368 gal 15% HCl, 4746 gal 15% XL HCl, 32003 gal Slick Water, 136710 gal 25# XL Borate carrying 60174# 20/40 White Sand & 41526# 20/40 SB Excel Sand. Dropped 2.81# ball.
Stage 9 10096-10414	4109 gal 15% HCl, 4578 gal 15% XL HCl, 32130 gal Slick Water, 134094 gal 25# XL Borate carrying 60200# 20/40 White Sand & 39700# 20/40 SB Excel Sand. Dropped 3.00# ball.
Stage 10 9704-10096	3990 gal 15% HCl, 4746 gal 15% XL HCl, 32298 gal Slick Water, 134064 gal 25# XL Borate carrying 61000# 20/40 White Sand & 40200# 20/40 SB Excel Sand. Dropped 3.25# ball.
Stage 11 9344-9704	2856 gal 15% HCl, 4361 gal 15% XL HCl, 32592 gal Slick Water, 132594 gal 25# XL Borate carrying 60125# 20/40 White Sand & 40125# 20/40 SB Excel Sand. Dropped 3.50# ball.
Stage 12 9065-9344	2856 gal 15% HCl, 5040 gal 15% XL HCl, 40530 gal Slick Water, 136080 gal 25# XL Borate carrying 62000# 20/40 White Sand & 39100# 20/40 SB Excel Sand. Dropped 3.75# ball.
Stage 13 8458-9065	14700 gal 15% HCl, 15540 gal 15% XL HCl, 11172 gal Slick Water, 44726 gal 25# XL Borate carrying 47900# 20/40 White Sand & 12100# 20/40 SB Excel Sand.