

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 ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NM-34657, LC-063622	
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. Pending	
3. Address 600 N. Marienfeld St., Ste. 600; Midland, TX 79701		8. Lease Name and Well No. Penny Pincher Federal Com No. 1	
3a. Phone No. (include area code) 432-571-7800		9. API Well No. 30-015-37699	
4. Location of Well (Report Location clearly and in accordance with Federal requirements)* At surface 660 FNL & 990 FWL At top prod. interval reported below 660 FNL & 990 FWL At total depth 330 FNL & 363 FWL		10. Field and Pool, or Exploratory Hackberry; Bone Spring, NW ← 21-19S-31E	
15. Date T.D. Reached Vertical 04-10-10 Lateral 07-03-10		12. County or Parish Eddy	
16. Date Completed 08.05.10 ☐ D & A ☒ Ready to Prod.		13. State NM	
17. Elevations (DF, RKB, RT, GL)* 3480' GR			
18. Total Depth: MD 13175' TVD 8975'		19. Plug Back TD: MD 13175' TVD 8975'	
20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) SDL-DSN-DLL-MGRD-GR @ 9251' SDL-DLL-MGRD @ 9251' - 4190'		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
26"	18 3/4" J55	87.5#	0'	575'		1333 C		0'	
17 1/2"	13 3/4" K55	61#	0'	2580'		1750 POZC/C		0'	
12 1/4"	9 5/8" J55	40#	0'	4195'	2506'	950 POZC/C		0'	
8 3/4"	7" P110/2 3/4" IJ	26#, 2.18#	0'	0-8638', 8638-9237'		1070 3565 POZH/H			
6 1/4"	4 1/2" P110	11.6#	9045'	12950'		PEAK, no cmt			

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 3/8"	8471'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	6638'	13175' MD	no perms...PEAK completion liner with 15-stage frac job			
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
	Please see attachment.

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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
08.05.10	08.18.10	24	→	240	485	446	40.8		Pumping
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
.21875	SITP 0	0	→				2,021	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)

BUREAU OF LAND MANAGEMENT
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):				31. Formation (Log) Markers	
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.					
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				Delaware Bone Spring	4250' 6638'

32. Additional remarks (include plugging procedure):

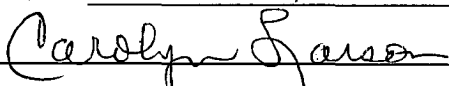
08.02.10 Installed Baker Hughes Centrilift 4" 152 HP 446 Stage Sub-Pump Assembly

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) Carolyn Larson Title Regulatory Analyst

Signature  Date November 8, 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.

Acid, Fracture, Treatment, Cement Squeeze, etc. Attachment
Penny Pincher Federal Com No. 1
21-19S-31E
Eddy County, NM

Depth Interval	Amount and Type of Material Used
12725-12950	85766 gal 20# XL Borate w/ 102846# 20/40 White Sand
12456-12725	125135 gal 20# XL Borate w/ 84832# 20/40 White Sand
12186-12456	108111 gal 20# XL Borate w/ 91760# 20/40 White Sand
11916-12186	96276 gal 20# XL Borate w/ 92927# 20/40 White Sand
11604-11916	117574 gal 20# XL Borate w/ 89632# 20/40 White Sand
11335-11604	77752 gal 20# XL Borate w/ 88779# 20/40 White Sand
11021-11335	84197 gal 20# XL Borate w/ 90943# 20/40 White Sand
10753-11021	71787 gal 20# XL Borate w/ 90274# 20/40 White Sand
10486-10753	73477 gal 20# XL Borate w/ 85721# 20/40 White Sand
10176-10486	82906 gal 20# XL Borate w/ 91427# 20/40 White Sand
9906-10176	82906 gal 20# XL Borate w/ 91427# 20/40 White Sand
9597-9906	84868 gal 20# XL Borate w/ 87677# 20/40 White Sand
9327-9597	85196 gal 20# XL Borate w/ 84778# 20/40 White Sand
9101-9327	85231 gal 20# XL Borate w/ 78711# 20/40 White Sand
8480-9101	71840 gal 20# XL Borate w/ 53020# 20/40 White Sand