

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



OPERATOR'S COPY

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

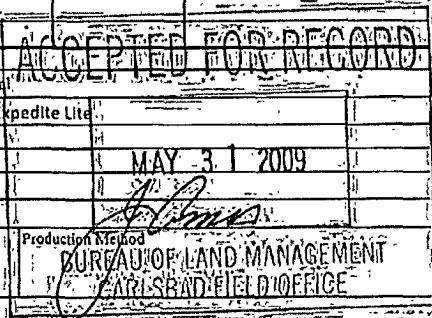
1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other						5. Lease Serial No. NM-101097			
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other: No production, SI for evaluation						6. If Indian, Allottee or Tribe Name			
2. Name of Operator Cimarex Energy Co. of Colorado						7. Unit or CA Agreement Name and No.			
3. Address 5215 N. O'Connor Blvd., Ste. 1500; Irving, TX 75039			3a. Phone No. (include area code) 972-443-6489			8. Lease Name and Well No. Morpheus 19 Federal No. 1			
4. Location of Well (Report Location clearly and in accordance with Federal requirements)* At surface: 660 FSL & 865 FEL At top prod. interval reported below At total depth						9. API Well No. 30-015-35420			
14. Date Spudded 05:30.07						15. Date T.D. Reached 06.26.07		16. Date Completed ☐ D & A ☐ Ready to Prod. 07.25.07	
18. Total Depth: MD: 12280' TVD:						19. Plug Back TD: MD: 5906' TVD:		20. Depth Bridge Plug Set: MD: 6201' TVD:	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Neutron, Spectral Gamma, Dual Laterolog						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" / H-40	48	0	337'		340 PremP		0'	
12 1/2"	9 5/8" / K-55	40	0	2715'		1050 IntC/PremP		0'	
8 1/2"	5 1/2" / N-80	17	0	5451'	2518'	1340 IntC/PremP		220'	
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"	5073'								
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Delaware Wildcat		1791'	5281'	5192-202' and 5208-218'		0.42	120	Open	
B)				5127-140' and 5142-152'		0.42	138	Open	
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
5127-218'		60778 gal SilverStim LTR carrying 140600# 16/30 Mesh Brady Sand coated w/ Expedite Lite							
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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						
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)

* See Attached Interior Reclamation Procedures.

* Submit plans to Produce or Abandon within 90 days

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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.)

Vented until SI on 07-25-07

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	1560'
				Delaware	1791'
				Bone Spring	5281'
				FBSS	6147'
				SBSS	7479'
				TBSS	7968'
				Wolfcamp	8368'
				Cisco-Canyon	10075'
				Strawn	10374'
				Atoka	10587'
				Morrow	11136'

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: Inclination Survey	

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 Reg Analyst

Signature Natalie Krueger Date May 11, 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.