

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTAPR 15 2009
OCD-ARTESIAFORM 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-074937	
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 5215 N. O'Connor Blvd. ste 1500 Irving, Tx 75039		8. Lease Name and Well No. Hydrus 10 Federal 7	
3a. Phone No. (include area code) 972-401-3111		9. API Well No. 30-015-36545	
4. Location of Well (Report Location clearly and in accordance with Federal requirements)* At surface 599 FSL & 330 FEL		10. Field and Pool, or Exploratory Loco Hills; Glorieta-Yeso	
		11. Sec., T., R., M., on Block and Survey or Area 10-17S-30E	
		12. County or Parish Eddy	13. State NM

14. Date Spudded 01.20.09	15. Date T.D. Reached 02.05.09	16. Date Completed ☐ D & A ☒ Ready to Prod. 02.28.09	17. Elevations (DF, RKB, RT, GL)* 3718' GR
18. Total Depth: TD 6000'	19. Plug Back TD: TD 5904'	20. Depth Bridge Plug Set:	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) No logs were run on this well		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 Cement Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14 1/4"	11 1/4" H-40 stc	42#	0'	458'		470 sx class c		TOC280'	
					1" top job	412 sx class C		0' circ	
11"	8 1/2" J-55 STC	17#	0'	1343'		400 sx class C		0' circ	
7 7/8"	5 1/2" J-55 LTC	17#	0'	6000'		864 sx class H		0' Circ	

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"	5805'	4,501'	AS-1 5 1/2" X2 7/8"						

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom		Perforated Interval	Size	No. Holes	Perf. Status
A) Blinbry	5180'	6000'		5395'-5737'	0.41	38	open
B) Blinbry	5180'	6000'		5135'-5352'	0.41	38	open
C) Paddock	5180'	6000'		4942'-5088'	0.41	36	open
D) Paddock	4090'	5180'		4571'-4818'	0.41	36	open

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
03.04.09	03.11.09	24	→	12	85	300	37.9	1.3	Pumping
Choke Size	Tbg. Press. Flwg	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
open	SI 180	80	→	12	85	300	7083.3	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
APR 11 2009
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):

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	2,490'
				Glorietta	3,930'
				Paddock	4,090'
				Blinbry	5,180'

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 C-102, Inclination report.

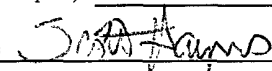
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Scott Haynes

Title

Regulatory Analyst

Signature



Date

April 1, 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

Hydrus 10 Federal 7

10-17S-30E

Eddy County, NM

Depth Interval	Amount and Type of Material Used
Stage 1 5395' 5737'	Start acid, Pump 71 BBLS 15 % HCL, drop 36 RCN 1.3 Gr.balls, Good ball Action, ball out @ 4820#, Avg. rate 12.5 BPM @ 2200#, Surge balls, 5 Min SI 1562#.Start Lightning Pad Ramp sand 1/4 PPG to 3 PPG, Pump 105,000# of 16/30 White sand, 25002# of 16/30 Siber prop, (130002# Total). Avg. rate 80 BPM @ 3264#, Max rate 80 BPM @ 3679#. ISIP 1840#, 5 Min. 1619#, 10 Min.1580#, 15 Min.1553#. Spot 24 BBL Acid ahead of flush.
Stage 2 5135'-5352'	Start acid, Pump 71 BBLS 15 % HCL, drop 36 RCN 1.3 Gr.balls, Small ball Action, Avg. rate 12.5 BPM @ 1365#, Surge balls, 5 Min SI 936 #.Start Lightning Pad Ramp sand 1/4 PPG to 3 PPG, Pump 65752 # of 16/30 White sand, 16,000 # of 16/30 Siber prop, (81,752 # Total). Avg. rate 80 BPM @ 2522 #, Max rate 80 BPM @ 2668 #. ISIP 1279 #, 5 Min. 1145 #, 10 Min. 1117 #, 15 Min. 1102#. Spot 24 BBL Acid ahead of flush.
Stage 3 4942'-5088'	Start acid, Pump 71 BBLS 15 % HCL, drop 34 RCN 1.3 Gr.balls,Good ball Action, Avg. rate 13 BPM @ 1500 #, Surge balls, 5 Min SI 1108 #.Start Lightning Pad Ramp sand 1/4 PPG to 3 PPG, Pump 49,413 # of 16/30 White sand, 12,000 # of 16/30 Siber prop, (61,143 # Total). Avg. rate 80 BPM @ 2194 #, Max rate 80 BPM @ 2520 #. ISIP 1319 #, 5 Min. 1174 #, 10 Min. 1150 #, 15 Min. 1136#. Spot 14 BBL Acid ahead of flush.
Stage 4 4571'-4818'	Start acid, Pump 71 BBLS 15 % HCL, drop 34 RCN 1.3 Gr.balls, Fair ball Action, Avg. rate 13 BPM @ 1480 #, Surge balls, 5 Min SI 1147 #.Start Lightning Pad Ramp sand 1/4 PPG to 3 PPG, Pump 71,354 # of 16/30 White sand, 20,013 # of 16/30 Siber prop, (91,367 # Total). Avg. rate 80 BPM @ 2744 #, Max rate 80 BPM @ 2932 #. ISIP 3262#, 5 Min. 1407 #, 10 Min. 1310 #, 15 Min. 1258 #.