



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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resrv. Other _____		6. If Indian, Allottee or Tribe Name _____ 7. Unit or CA Agreement Name and No NM-116107 8. Lease Name and Well No. Gadwall 18 Federal Com No 1 9. API Well No. 30-015-33496							
2. Name of Operator Cimarex Energy Co. of Colorado		10. Field and Pool, or Exploratory Undes. Cotton Draw; Atoka (Gas) 11. Sec., T., R., M., on Block and Survey or Area 18-25S-27E 12. County or Parish      13. State Eddy                              NM							
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                              850' FNL & 1490' FWL  At top prod. interval reported below      850' FNL & 1490' FWL  At total depth                              850' FNL & 1490' FWL		AUG 15 2007 OCD-ARTESIA							
14. Date Spudded 06.24.05	15. Date T.D. Reached 07.15.05	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod	17. Elevations (DF, RKB, RT, GL)* 3187' GR						
18. Total Depth:    MD 12250' TVD	19. Plug Back TD    MD 11500' TVD	20. Depth Bridge Plug Set    MD 11535' TVD							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  Previously submitted for Morrow completion		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 Sk. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8" J-55	54.5	0	216'	NA	250 sx Prem	14.8 ppg	0'	
12-1/4"	9-5/8" N-80	40	0	3225'	NA	1000 sx Int C/Prem	11.9, 14.8 ppg	0'	
8-3/4"	5-1/2" P-110	17	0	12250'	6992'	2075 sx IntH/SupH/IntC/Prem	11.9, 13.2, 15.6 ppg	2600'	
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"	10860'								
25. Producing Intervals									
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Atoka		10540'	11177'	10902'-10912'		1-9/16"	40	Producing	
B) Morrow		11178'		11585'-11592'		3-3/8"	42	CIBP @ 11535' w/ 35' cmt	
C)				11733'-11740'		3-3/8"	42	CBP @ 11650' w/ 35' cmt	
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc									
Depth Interval		Amount and Type of Material							
10902'-10912'		2000 gal Ferchek 15% HCl Acid							
11585'-11592'		44000 gal foamed CO2 w/ Methanol carrying 30000# 18/40 Versaprop							
11733'-11740'		54000 gal foamed CO2 w/ Methanol carrying 34000# 18/40 Versaprop							
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
02.01.07	02.25.07	24	→	0	1	0			flow test
Choke Size	Tbg. Press Flwg	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI 50	1450	→					flowing	
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

AUG 13 2007

WESLEY W. INGRAM  
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*)

Vented till 05-05-07, then 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
				Delaware	1928'
				FBSS	6377'
				SBSS	7086'
				TBSS	8231'
				Wolfcamp	6558'
				Cisco-Canyon	10139'
				Strawn	10430'
				Atoka	10540'
				Morrow	11178'
				Lower Morrow	10884'

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

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 1Signature Natalie Krueger Date June 19, 2007

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.

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-33496	Pool Code 75243	Pool Name Undes. Cotton Draw; Atoka (Gas)
Property Code	Property Name Gadwall 18 Federal Com	Well Number 1
OGRID No. 162683	Operator Name Cimarex Energy Co. of Colorado	Elevation 3187'

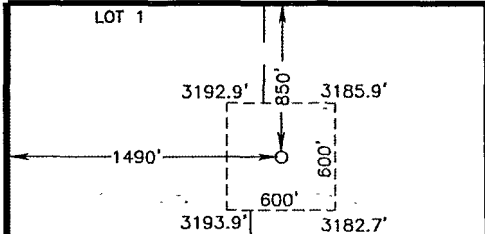
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	18	25-S	27-E		850'	NORTH	1490'	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 317.88	Joint or Infill	Consolidation Code C (NM-116107)	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

					
LOT 2	GEODETC COORDINATES NAD 27 NME Y=412764.7 N X=531165.5 E LAT.=32°08'05.16" N LONG.=104°13'57.54" W				
LOT 3					
LOT 4					

**OPERATOR CERTIFICATION**

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Zeno Farris  
Signature

Zeno Farris  
Printed Name

Mgr Operations Admin  
Title

06-19-07  
Date

**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MAY 13, 2004  
Date Surveyed

JR  
Signature & Seal of Professional Surveyor

GARY EIDSON 5/19/04  
04.11.0578

Certificate No. GARY EIDSON 12641