

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5 Lease Serial No LC-028784-A					
b Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> 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 PO Box 140907, Irving, TX 75014						3a Phone No (include area code) 972-443-6489		8 Lease Name and Well No Grayburg Deep Unit No 18			
4 Location of Well (Report Location clearly and in accordance with Federal requirements)* At surface 690' FNL & 950' FEL At top prod interval reported below 690' FNL & 950' FEL At total depth 690' FNL & 950' FEL						9 API Well No 30-015-34905					
14 Date Spudded 06 18 06						15 Date TD Reached 07.20.06		16 Date Completed 06 06 07 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		10 Field and Pool, or Exploratory Wolfcamp Wildcat	
										11 Sec, T, R., M., on Block and Survey or Area 24-17S-29E	
18 Total Depth MD 11230' TVD						19 Plug Back TD MD 10465' TVD		20 Depth Bridge Plug Set MD 10500' TVD		12 County or Parish Eddy	
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) Logs run on initial Abo 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)		13 State NM		17 Elevations (DF, RKB, RT, GL)* 3613' 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		
17-1/2"	13-3/8" H-40	48	0	350'	NA	540 sx		0	already set		
12-1/4"	9-5/8" J-55	40	0	4725'	NA	1800 sx		0	already set		
8-3/4"	5-1/2" P-110	17	0	11230'	7926'	1425 sx		7937'	already set		
24 Tubing Record											
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)			
2-7/8"	9072'	9072'									
25 Producing Intervals						26 Perforation Record					
Formation		Top	Bottom	Perforated Interval		Size	No Holes	Perf Status			
A) Wolfcamp Wildcat		7670'	9349'	9120'-9154'		0.32	194	Producing			
B)											
C)											
D)											
27 Acid, Fracture, Treatment, Cement Squeeze, etc											
Depth Interval		Amount and Type of Material									
9120'-9154'		2515 gal HCl 20%, 6704 gal DGA3, flushed w/ 15543 gal 2% KCl									
28 Production - Interval A											
Date First Produced 06.06.07	Test Date 06.22.07	Hours Tested 24	Test Production →	Oil BBL 0	Gas MCF 6	Water BBL 120	Oil Gravity Corr. API	Gas Gravity 1.054	Production Method Pumping		
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status Pumping			
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)

ACCEPTED FOR RECORD

AUG 24 2007

JERRY FANT
PETROLEUM GEOLOGIST

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	1,070
				San Andres	2,820
				Yeso	4,280
				Abo	6,280
				Wolfcamp	7,670
				Cisco	9,350
				Strawn	10,210
				Atoka	10,416
				Morrow	10,856
				Mississippian	11,074

32. Additional remarks (include plugging procedure)

Installed rod pump on 06-14-07 (2-1/2" x 1-1/4" x 20' RHBC).

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

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 August 23, 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
1625 N. FRENCH DR., BOBBS, NM 86240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 86210

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-34905	Pool Code	Pool Name Wolfcamp Wildcat (Oil)
Property Code	Property Name GRAYBURG DEEP UNIT	Well Number 18
OGRID No. 162683	Operator Name Cimarex Energy Co. of Colorado	Elevation 3613'

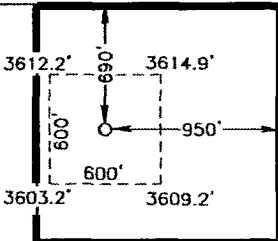
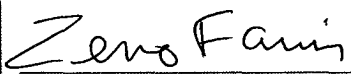
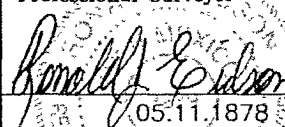
Surface Location

UL or lot No. A	Section 24	Township 17-S	Range 29-E	Lot Idn	Feet from the 690	North/South line NORTH	Feet from the 950	East/West line EAST	County 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 40	Joint or Infill N	Consolidation Code	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

				OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Zeno Farris Printed Name Mgr Operations Admin Title 08-23-07 Date	
GEODETIC COORDINATES NAD 27 NME Y=664084.9 N X=595560.8 E LAT.=32°49'30.97" N LONG.=104°01'20.10" W				SURVEYOR CERTIFICATION <i>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.</i> DECEMBER 23, 2005 Date Surveyed LA Signature & Seal of Professional Surveyor  01/04/06 05.11.1878 Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641	