

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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										5. Lease Serial No NM-4314	
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 Resvr Other <u>DHC-3883 Bone Spring & Wolfcamp</u>										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										8. Lease Name and Well No Pipeline Deep 5 Federal No 3	
3a. Phone No. (include area code) 972-443-6489										9. API Well No 30-025-37196	
4. Location of Well (Report Location clearly and in accordance with Federal requirements)* At surface 1650' FNL & 1340' FEL At top prod interval reported below 1650' FNL & 1340' FEL At total depth 1650' FNL & 1340' FEL										10. Field and Pool, or Exploratory E-K, Bone Spring & La Rica, Wolfcamp	
14 Date Spudded 11.12.05										11. Sec., T, R, M, on Block and Survey or Area 5-19S-34E	
										12. County or Parish Eddy Lea NM	
15 Date T D Reached 12.25.05										17. Elevations (DF, RKB, RT, GL)* 3869' GR	
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.											
18. Total Depth MD 13742' TVD										20. Depth Bridge Plug Set: MD 13135' TVD	
19. Plug Back TD MD 13100' 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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled		
17-1/2"	13-3/8" H-40	48	0	432'	NA	410 sx Prem Plus	14.8 ppg	0'			
12-1/4"	9-5/8" J-55	40	0	3518'	NA	1200 sx C/Prem Plus C	11.9 ppg	0'			
8-3/4"	5-1/2" P-110	17	0	13742'	9828'	2155 sx Int H, Sup H, Prem H	11.9 ppg	1250'			
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"	9736'										
25. Producing Intervals										26. Perforation Record	
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status					
A) Wolfcamp	10708'	12186'	11361'-11378'	3-1/8"	51	Producing					
B) Bone Spring	7845'	10707'	9692'-9925'	3-3/8"	84	Producing					
C)			13158'-13550'			CIBP @ 13135' w 35' cement					
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, etc											
Depth Interval	Amount and Type of Material										
11361'-11378'	4000 gal 15% NeFe acid w/ 45 RCNBs										
9911'-9925'	1500 gal 15% NeFe acid w/ 40 RCNBs										
9692'-9735'	800 gal 15% NeFe acid w/ 20 RCNBs										
9692'-9735'	1396 bbl Medallion 3000 fluid and 81000# Versaprop 18/40 and 20210# Super DC 16/30										
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		
04.19.07	03.19.07	24	→	10	3	10			swab test		
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
	SI		→				300	Pumping as of 04-19-07			
28. Production - Interval B										ACCEPTED FOR RECORD	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method		
04.19.07	04.20.07	24	→	65	69	99			swab test		
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
	SI		→				1061	Pumping as of 04-19-07			

* (See instructions and spaces for additional data on page 2)

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
				Yates	3240
				7 Rivers	3760
				Queen	4479
				Capitan	5108
				Cherry Canyon	5321
				Brushy Canyon	6371
				Bone Spring	7845
				FBSS	9134
				SBSS	9688
				TBSS	10519
				Wolfcamp	10708
				Strawn	12187
				Atoka	12474
				Morrow Clastics	13084
				Lower Morrow	13450
				Barnett	13566

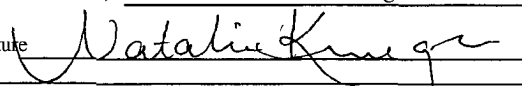
32. Additional remarks (include plugging procedure)

DHC-3883 for La Rica; Wolfcamp (37316) and E-K; Bone Spring (21650) approved 05-07-07.

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-102s for each producing zone

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 1
 Signature  Date May 11, 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., Hobbs, NM 88240
DISTRICT II
811 South First, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-37196	Pool Code 21650	Pool Name E-K; Bone Spring
Property Code	Property Name PIPELINE DEEP "5" FEDERAL	Well Number 3
OGRID No. 162683	Operator Name Cimarex Energy Co. of Colorado	Elevation 3869'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	5	19 S	34 E		1650	NORTH	1340	EAST	LEA

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
80									
Dedicated Acres		Joint or Infill		Consolidation Code		Order No.			
80						NSL-5613, DHC-3883			

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 hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <u>Zeno Farris</u> Signature Zeno Farris Printed Name Mgr Operations Admin Title 05-11-07 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. December 1, 2004 Date Surveyed Signature & Seal of Professional Surveyor Certificate No. 4797 JLP BASIN SURVEYS

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

API Number 30-025-37196	Pool Code 37316	Pool Name La Rica; Wolfcamp
Property Code	Property Name PIPELINE DEEP "5" FEDERAL	Well Number 3
OGRID No. 162683	Operator Name Cimarex Energy Co. of Colorado	Elevation 3869'

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	5	19 S	34 E		1650	NORTH	1340	EAST	LEA

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code		Order No.					
40				NSI-5613 DHC-3883					

	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <h3 style="text-align: center; margin: 0;">OPERATOR CERTIFICATION</h3> <p style="font-size: small; margin: 5px 0;"><i>I hereby certify the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <div style="margin-top: 10px;"> <div style="display: flex; justify-content: space-between;"> Signature Zeno Farris </div> <div style="display: flex; justify-content: space-between;"> Printed Name Mgr Operations Admin </div> <div style="display: flex; justify-content: space-between;"> Title 05-11-07 </div> <div style="display: flex; justify-content: space-between;"> Date </div> </div> </div>
<div style="border: 1px solid black; padding: 5px;"> <h3 style="text-align: center; margin: 0;">SURVEYOR CERTIFICATION</h3> <p style="font-size: small; margin: 5px 0;"><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></p> <div style="text-align: center; margin: 10px 0;"> December 1, 2004 </div> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> Date Surveyed Signature & Seal of Professional Surveyor </div> <div style="display: flex; align-items: center;"> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Certified by Gary L. Jones 7977 </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> JLP BASIN SURVEYS </div> </div> </div>	