

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CCD-ARTESIA**

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

5.	Lease Serial No.	<del>NM-0560352</del> <b>12062085</b>
6.	If Indian, Allottee or Tribe Name	
7.	If Unit or CA/Agreement, Name and/or No.	
8.	Well Name and No.	West Shugart 31 Federal Com No. 4
9.	API Well No.	30-015-37785
10.	Field and Pool, or Exploratory Area	Shugart; Bone Spring, N
11.	County or Parish, State	Eddy County, NM

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well	<input checked="" type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> Other
2. Name of Operator	Cimarex Energy Co. of Colorado		
3a. Address	600 N. Marienfeld St., Ste. 600; Midland, TX 79701	3b. Phone No. (include area code)	432-571-7800
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	SHL 1650 FNL & 475 FWL 31-18S-31E BHL 2310 FNL & 330 FEL		

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation (clearly state all pertinent details, included estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Cimarex is switching from 7"/2 7/8" FG production casing with 4 1/2" PEAK lateral to all 5 1/2" cemented casing for production and lateral with a cement kick off plug.

Drill to vertical TD 9000' and log. Set cement kick off plug from 7519-9000' with 470 sx Prem Plus H (15.8, 1.19) and kick off 8 3/4" lateral @ 8699.' Drill to lateral TD 13192' MD, 8599' TVD and run 5 1/2" 17# P-110 LTC from 0-13192.' Cement with Lead 500 sx EconoCem + 5lbm/sk Gilsonite 2.48 cf/sk 11.9 ppg and Tail 1760 sx Halcem 15.6 ppg 1.19 cf/sk. TOC 3160.'

**RECEIVED**  
NOV 04 2010  
**NMCCD ARTESIA**

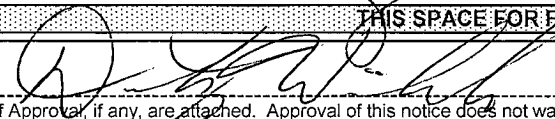
14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Natalie Krueger  
Signature

Title  
Regulatory  
Date  
October 4, 2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by



Title

Date

**APPROVED**  
NOV 1 2010  
**/s/ Dustin Winkler**

Conditions of Approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes 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.

(Instructions on reverse)

*Box*