

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

RM

**OCD-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.*

<b>SUBMIT IN TRIPLICATE - Other instructions on reverse side</b>		<b>RECEIVED</b>
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		JUL 1 2010
2. Name of Operator Cimarex Energy Co. of Colorado		NMOCD ARTESIA
3a. Address 600 N. Marienfeld St., Ste. 600; Midland, TX 79701	3b. Phone No. (include area code) 432-571-7800	5. Lease Serial No. SHL NM-0560353, BHL LC-063613
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL 330 FNL & 330 FWL 1-19S-30E BHL 660 FNL & 1650 FEL		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA/Agreement, Name and/or No. Pending
		8. Well Name and No. Crescent Hale 1 Federal Com No. 1
		9. API Well No. 30-015-37652
		10. Field and Pool, or Exploratory Area Undesignated Bone Spring
		11. County or Parish, State Eddy County, NM

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 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 checked="" type="checkbox"/> Other <u>Change BHL</u>
	<input checked="" 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 proposes to change the BHL of the well above in order to drill a N/S horizontal. Please see changes below.

Permitted Location  
SHL 330 FNL & 330 FWL  
BHL 660 FNL & 1650 FEL  
1-19S-30E  
Eddy County, NM

Proposed Location  
SHL 330 FNL & 330 FWL  
BHL 330 FSL & 660 FWL  
1-19S-30E  
Eddy County, NM

After drilling and setting surface casing, drill to vertical TD 8950' and log. Set 7" casing to 8510' and cross over to 2 1/2" 2000 psi IJ fiberglass tubing underneath to 8950' and cement in place. Drill out of the bottom of the 7" with a 6 1/8" bit and through cement and fiberglass tubing to KOP @ 8570' and kick off to drill the lateral. The fiberglass tubing effectively circulates cement to surface and plugs back the open hole. Drill to lateral TD (13325' MD, 8730' TVD). Run 4 1/2" PEAK liner from RSB packer @ 8410' to TD @ 13325'. Request a 100' tieback for lateral casing string in order to be able to set the pump as deep as possible.

See Original COA

Please see attached revised C-102 and preliminary directional survey.

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

Zeno Farris

Signature

*Zeno Farris*

Title

Manager Operations Administration

Date

March 18, 2010

Approved by

*[Signature]*

Title

Office

**APPROVED**

JUN 28 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.

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 statement or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE