

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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.*

**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	8. Well Name and No. LYNCH 23 FEDERAL COM 4
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: TERRI STATHEM E-Mail: tstatthem@cimarex.com	9. API Well No. 30-025-40726-00-X1
3a. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701	10. Field and Pool, or Exploratory LEA
3b. Phone No. (include area code) Ph: 918-295-1763	11. County or Parish, and State LEA COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T20S R34E NWNE 326FNL 1727FEL	

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 Drilling Operations
	<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, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete 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 recompletion 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.)

11/04/12 Spud well.  
11/06/12 TD 17-1/2" hole @ 1725'.  
11/07/12 RIH w/ 13-3/8", 54.5#, J55 STC csg & set @ 1725'. Mix & pump lead: 1100 sx Extendacem, 13.5 ppg, 1.72 yld; tail w/-290 sx HalCem C, 14.8 ppg, 1.33 yld. Circ 326 sx. WOC 12+ hrs.  
11/08/12 Test csg to 1200 psi for 30 mins. Ok.  
11/11/12 TD 12-1/4" hole @ 5490'.  
11/13/12 RIH w/ 9-5/8", N80, 40#, LTC csg & set @ 5490'. DV tool @ 3521'.  
11/14/12 Mix & pump 1st stage: 260 sx Econocem HLC, 12.9 ppg, 1.88 yld & 350 sx HalCem C, 14.8 ppg, 1.33 yld. Mix & pump 2nd stage: 1940 sx Econocem, 12.9 ppg, 1.88 yld. Circ 477 sx.  
11/15/12 Test csg to 1500 psi for 30 mins. Ok. Tag top of DV tool @ 3521'. DO cmt & DV tool.  
11/17/12 TD @ 9065'. TOOH for curve BHA.  
11/18/12 KO lateral @ 9065'.

HOBBS OCD

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14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #197460 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs  
Committed to AFMSS for processing by KURT SIMMONS on 02/11/2013 (13KMS1762SE)**

Name (Printed/Typed) TERRI STATHEM	Title COORDINATOR REGULATORY COMPLIA
Signature (Electronic Submission)	Date 02/07/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <b>ACCEPTED</b>	(BLM Approver Not Specified)	Date 02/12/2013
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 Hobbs 

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

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**Additional data for EC transaction #197460 that would not fit on the form**

**32. Additional remarks, continued**

12/04/12 TD 8-3/4? hole @ 13982'.

12/06/12 RIH w/ 5-1/2", 17#, P110, LTC/BTC csg & set @ 13982'. Xover @ 8933'. Mix & pump 900 sx Econocem, 11.9 ppg, 2.45 yld; tail w/ 1450 sx Versacem H, 14.5 ppg, 1.22 yld. WOC 12 + hrs.

12/07/12 TOC @ 2500'. Release rig.