

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**NMOC CONSERVATION**  
ARTESIA DISTRICT

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.*

JUN 11 2015  
RECEIVED

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. FEDERAL 1
2. Name of Operator CIMAREX ENERGY COMPANY Contact: TERRI STATHEM E-Mail: tstathem@cimarex.com	9. API Well No. 30-015-25490 <b>52</b>
3a. Address 202 S. CHEYENNE AVE, STE 1000 TULSA, OK 74103	10. Field and Pool, or Exploratory WOLFCAMP
3b. Phone No. (include area code) Ph: 432-620-1936	11. County or Parish, and State EDDY COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 5 T18S R31E 2080FSL 560FEL	

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" 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 checked="" 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, 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.)

Cimarex has recompleted the well to the Wolfcamp. A pkr has been installed to isolate production from the Wolfcamp zone. The well is producing high levels of H2S which were unexpected. Cimarex will upgrade its battery to accommodate the sour gas but must leave well shut in until the upgrade is complete. Cimarex will also squeeze the Bone Spring perfs at this time.

Wolfcamp Recompletion:  
09-27-14 MIRU. POOH w/ tbg.  
10-01-14 TIH & tag fill @ 8830'; CIBP @ 9150', 300' of fill on top of cmt. TOC @ 9130'.  
10-02-14 DO cmt & CIBP @ 9150'. Tag cmt @ 967.1'. (2nd CIBP @ 9695')  
10-03-14 Flowback.  
10-08-14 RIH w/ 2-7/8" tbg. Stuck in hole.  
10-09-14 to

Well has been shut in since 10/13.  
Battery upgrade since 11/14. Submit plans for well to include time frames.

Accepted for record  
NMOC 6/17/15

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

**Electronic Submission #288339 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Carlsbad**

Name (Printed/Typed) TERRI STATHEM	Title MANAGER REGULATORY COMPLIANCE
Signature (Electronic Submission)	Date 01/16/2015

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

Approved By: \_\_\_\_\_ Title: \_\_\_\_\_

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: \_\_\_\_\_

**ACCEPTED FOR RECORD**  
MAY 29 2015  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Additional data for EC transaction #288339 that would not fit on the form**

**32. Additional remarks, continued**

10-17-14 Kill well & RIH w/ overshot to fish stuck tbg. Fish stuck tbg & POOH. TOF @ 9260' - 2-7/8" tbg.

10-19-14 RIH w/ 2-7/8", L80 tbg & pkr & set @ 9190'.

10-21-14 flow back well.

11-01-14 SWI pending battery upgrade & Bone Spring perf squeeze.