

**RECEIVED**

JUN 18 2010

NMOCD ARTESIA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.*

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

5 Lease Serial No

LC-061622

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

8 Well Name and No.

County Line 1 Federal No. 3

9. API Well No.

30-015-36621

10. Field and Pool, or Exploratory Area

County Line Tank; Abo

11. County or Parish, State

Eddy County, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ 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 4080 FSL &amp; 330 FEL

BHL 4089 FSL &amp; 457 FWL

1-16S-29E

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

## TYPE OF SUBMISSION

## TYPE OF ACTION

☐ Notice of Intent☐ Acidize☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☒ Subsequent Report☐ Alter Casing☐ Fracture Treat☐ Reclamation☐ Well Integrity☐ Casing Repair☐ New Construction☐ Recomplete☒ Other complete well☐ Final Abandonment Notice☐ Change Plans☐ Plug and Abandon☐ Temporarily Abandon☐ Convert to Injection☐ Plug Back☐ 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.)

01.12.09 Performed 7-stage frac job (see attached page).

01.21.09 Frac'd stage 8 (see attached page).

01.28.09 Installed Quinn frac pump 25-200-RHBC-20-3-00.

02.02.09 First production.

Tbg: 2 3/8" 6.5# L-80 EUE to 6976.'

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

Name (Printed/Typed)

Natalie Krueger

Signature

Title

Regulatory

Date

May 27, 2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

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, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

ACCEPTED FOR RECORD

JUN 15 2010

Is/ Chris Walls  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

m2

## County Line 1 Federal 3

1-16S-29E

Eddy County, NM

Depth Interval	Amount and Type of Material Used
10535-10950	<b><u>STAGE 1:</u></b> Open well and load hole with 64 bbl linear fluid. Formation broke at 7700 psi. Start acid. Pump 5000 gal 15% HCL. Pump 14,500 gal linear gel flush. Start x-linker pad. Pump 135,000 gal pad. Start sand. Pump 50,000 gal x-linked gel carrying 76,698# 20/40 white sand ramped from .5 ppg to 2.5 ppg. Flush with 1000 gal linear fluid. Drop 2" ball. Average rate for stage was 47.7 bpm at an average pressure of 6138 psi.
10161-10535	<b><u>STAGE 2:</u></b> Pump 5000 gal 15% HCL. Pump 13,744 gal linear gel. Ball hit and port opened at 6285 psi. Start x-linker pad. Pump 35,000 gal pad. Start sand. Pump 50,000 gal x-linked gel carrying 55,985# 2-/40 white sand ramped from .5 ppg to 2 ppg. Flush with 1000 gal linear fluid. Drop 2-1/4" ball. Average rate for stage was 59.2 bpm at a average pressure of 8468 psi.
9746-10161	<b><u>STAGE 3:</u></b> Pump 5000 gal 15% HCL. Pump 13,471 gal linear gel flush. Ball hit and port opened at 5892 psi. Start and port opened at 5892 psi. Start x-linker pad. Pump 50,000 gal. Start sand. Pump 50,000 gal x-linked gel carrying 79,354# 20/40 white sand ramped from .5 ppg to 2.5 ppg. Flush with 1000 gal linear fluid. Drop 2-1/2" ball. Average rate for stage was 47 bpm at an average pressure of 6541 psi.
9345-9746	<b><u>STAGE 4:</u></b> Pump 5000 gal 15% HCL. Pump 10,500 gal linear flush. Ball hit and port opened at 5068 psi. Start x-linker pad. Pump 50,000 gal x-linked gel pad. Start sand. Pump 50,000 gal x-linked gel carrying 74894# 20/40 white sand ramped from .5 ppg to 2.5 ppg. Flush with 1000 gal linear fluid. Drop 2-3/4" ball. Average rate for stage was 56 bpm at an average pressure of 8820 psi.
8804-9345	<b><u>STAGE 5:</u></b> Pump 5000 gal 15% HCL. Pump 10,500 gal linear gel flush. Ball hit and port opened at 4760 psi. Start x-linker. Pump 50,000 gal x-linked pad. Start sand. Pump 50,000 gal x-linked gel carrying 72896# 20/40 white sand ramped from .5 ppg to 2.5 ppg. Flush with 1000 gal linear gel. Drop 3" ball. Average rate was 55 bpm at an average 6760 pressure of psi.
8103-8804	<b><u>STAGE 6:</u></b> Pump 5000 gal 15% HCL. Pump 12,541 gal linear gel flush. Ball hit and port opened at 5360 psi. Start x-linker. Pump 65,000 gal x-linked pad. Start sand. Pump 50,000 gal x-linked gel carrying 81,331# 20/40 white sand ramped from .5 ppg to 2.5 ppg. Flush with 1000 gal linear fluid. Drop 3-1/4" ball. Ball was difficult to get into casing. Work with pressure and surges to get ball down. Average rate for stage was 70 bpm at an average pressure of 5878 psi.
7044-8103	<b><u>STAGE 7:</u></b> Pump 5000 gal 15% HCL. Pump 12323 gal linear fluid. Ball hit and port opened at 5170 psi. Start x-linker. Pump 105,000 gal x-linked pad. Start sand. Pump 50,000 gal x-linked gel carrying 68,868# 20/40 white sand ramped from .5 ppg to 2.5 ppg. Flush with 52 bbl linear fluid. Drop 3-1/2" ball. Maximum rate achieved was 5 bpm at 4900 psi.
7044-8804	<b><u>STAGE 8:</u></b> Pump 5000 gal 15% HCL. Pump 118,062 gal 20# linear gel. Start x-linker. Pump 50,098 gal x-linked gel pad. Pump 58,771 gal x-linked gel carrying 82,263# 20/40 white sand ramped from .5 ppg to 2.5 ppg. Flush with 11,781 gal linear fluid.