

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-029387-A

6 If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Shugart A No. 9

9. API Well No.

30-015-05640

10. Field and Pool, or Exploratory Area

Shugart; 7 Riv-Yates-Qn-Gb

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 WIW

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)

1650 FSL & 990 FEL

29-18S-31E

RECEIVED

MAY 24 2010

NMOCD ARTESIA

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

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☒ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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 )

In the process of testing tubing, a hole was found in the top joint of 5½" casing. Cimarex proposes to repair the hole as shown below and on the attached procedure.

- Set RBP @ 2200' and dump 1 sx sand. POOH w/ tbg.
- NDBOP. NDWH. Spear casing and replace with new 5½" 14# casing.
- Test 5½" casing to 500 psi for 5 minutes, then increase to 750 psi for 30 minutes.
- Cut off excess casing. Weld on 5½" bell nipple. Change out 8½" wellhead. NUWH, NU BOP. Test to 750 psi.
- Reverse circulate sand off RBP. Latch onto and release RBP. RIW w/ packer and tubing. Circulate well with 50 bbls packer fluid. ND BOP, NUWH. Test annulus to 600 psi. Notify BLM and run MIT for 30 minutes.
- Return to injection.

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

Accepted for record  
NMOCD 12 5/25/10

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

Zeno Farris

Signature

Zeno Farris

Title

Manager Operations Administration

Date

May 5, 2010

**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

APPROVED

MAY 5 2010

/s/ Chris Walls

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD 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)

## **Shugart A # 9 WIW**

**API # 30-015-05367**

1650 FSL & 990 FEL, Sec 29, T18S, R31E  
Eddy County NM,

TD: 3811 ft  
PBSD: 3250 ft  
Surface Casing: 8-5/8", 24#, J-55 @ 775'. Circulated to surface.  
Production Casing: 5-1/2", 14# J-55 @ 3811'. TOC-1850

PURPOSE OF PULL: Well had a tubing leak. In process of testing tbg found a hole in top joint of 5 1/2" casing.

1. RIW w/ 5 1/2" RBP to 2200 ft +/- . Set RBP and dump 1 sack of sand on top. POOW w/ tbg and retrieving head.
2. ND BOP. ND 5 1/2" x 8 5/8" WH. RU 5 1/2" casing spear. PU on 5 1/2" casing to retrieve the slips. Slack back off on casing. Release 5 1/2" casing spear. RU WL. Run wire thru the casing spear. RU 5 1/2" casing tongs. PU on 5 1/2" casing and take torque to the left. Shoot off the charge to back off the casing. PU on casing, if free, set the slips and release the spear and RD WL. LD the top 2 jts of 5 1/2" 14# casing. Replace w/ 2 jts 5 1/2" 14# new casing. Screw back into casing and torque to specified torque readings per casing crew.
3. Test 5 1/2" casing to 500 psig for 5 minutes then increasing to 750 psig for 30 minutes. IF test. RD casing crew. Pull 30,000 on casing, total string weight, set slips on 5 1/2" casing.
4. Cut off excess 5 1/2" casing. Change out 8 5/8" wellhead due to bad threads. Weld on 5 1/2" bell nipple. NU 5 1/2" WH. NU BOP.
5. Test 5 1/2" casing to 750 psig. NOTIFY BLM before running MIT. RIW w/ 5 1/2" RBP retrieving tool and tbg. Reverse circulate sand off of RBP. Latch onto RBP releasing. POOW w/ tbg & 5 1/2" RBP. RIW w/ 5 1/2" PC AD-1 packer and tbg. Circulate well w/ 50 bbls packer fluid. ND BOP. Set packer w/ 10-12 pts tension. NUWH. Test annulus to 600 psig. If holding run MIT test for 30 minutes.
6. Return well to injection.

**Shugart A 9  
30-015-05640  
Cimarex Co of Colorado  
May 5, 2010  
Conditions of Approval**

- 1. If test after repair does not pass, submit additional plans to the BLM before proceeding with operation.**
- 2. Contact BLM 575-361-2822 a minimum of 4 hours prior to conducting MIT.**
- 3. Subsequent sundry with test chart required.**

**CRW 050510**

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