

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**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.*5. Lease Serial No.  
NMNM26394

6. If Indian, Cottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

CIMAREX ENERGY COMPANY

Contact: FATIMA VASQUEZ

E-Mail: fvasquez@cimarex.com

## 3a. Address

600 N. MARIENFELD SUITE 600  
MIDLAND, TX 79701

## 3b. Phone No. (include area code)

Ph: 432-620-1933

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 20 T25S R33E SWSW 330FSL 670FWL  
32.109737 N Lat, 103.600685 W Lon

## 8. Well Name and No.

VACA DRAW 20-17 FEDERAL 5H

## 9. API Well No.

30-025-44150-00-X1

## 10. Field and Pool or Exploratory Area

WILDCAT BONE SPRING

## 11. County or Parish, State

LEA COUNTY, NM

## 12. CHECK THE 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"/> Hydraulic Fracturing	<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 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

02/28/18 Spud well.

02/28/18 TD 17-1/2" surface hole @ 1052'.

03/01/18 RIH w/13-3/8", J-55, 48#, STC csg &amp; set @ 1052'. Mix &amp; pump lead: 625 sx, 13.5 ppg, 1.73 yld Class C; tail w/250 sx, 14.8 ppg, 1.34 yld Class C. Circ 292 sx to surface. WOC 8 hrs.

03/02/18 Test csg to 1500# for 30 mins. Ok.

03/05/18 TD 12-1/4" int hole @ 4890'. RIH w/ 9-5/8", J-55, 40#, LTC csg &amp; set @ 4880'. Mix &amp; pump lead: 1415 sx, 12.9 ppg, 1.78 yld, Class C; tail w/ 330 sx 14.8 ppg, 1.33 yld. Circ 612 sx to surface. WOC 8 hrs.

03/07/18 Test csg to 2800 psi. Ok.

03/11/18 TD vertical hole @ 9458'. POOH &amp; PU curve assembly.

03/16/18 Landed curve @ 10,343'.

03/20/18 TD 8-3/4" hole @ 13,557'.

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

Electronic Submission #431026 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY, sent to the Hobbs  
Committed to AFMSS for processing by PRISCILLA PEREZ on 08/15/2018 (18PP1682SE)

Name (Printed/Typed) FATIMA VASQUEZ

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/14/2018

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

Approved By

Title

Date

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

AUG 16 2018

/s/ Jonathon Shepard

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.

(Instructions on page 2)

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

**Additional data for EC transaction #431026 that would not fit on the form**

**32. Additional remarks, continued**

03/28/18 TD 8-1/2" hole @ 19,597'.

03/31/18 RIH w/ 5-1/2", P-110, 20#, CY GB CD BT&C csg & set @ 19,597'. Mix & pump lead: 1225 sx, 10.5 ppg, 2.82 yld; tail w/ 2390 sx, 14.5 ppg, 1.19 yld. WOC.

04/01/18 Rig release.

