

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, Allottee 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: TERRI STATHEM

E-Mail: tstatthem@cimarex.com

## 8. Well Name and No.

VACA DRAW 20-17 FEDERAL 72H

## 9. API Well No.

30-025-46161-00-X1

## 3a. Address

600 N. MARIENFELD SUITE 600  
MIDLAND, TX 79701

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

Ph: 432-620-1936

## 10. Field and Pool or Exploratory Area

WC-025 G06 S253329D

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

Sec 20 T25S R33E SESE 390FSL 350FEL  
32.109894 N Lat, 103.586899 W Lon

## 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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 recomple 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 recomple 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.

08/04/19 Spud well. TD 17-1/2" surface hole @ 1066'.

08/05/19 RIH w/ 13-3/8", 48#, J55 STC csg &amp; set @ 1066'. Mix &amp; pump lead: 625 sx Class C, 13.5 ppg, 1.73 yld; tail w/ 250 sx Class C, 14.8 ppg, 1.34 yld. Circ. 213 sx to surface. WOC 8 hours.

Test csg to 1530# for 30 mins. OK. Weld on 20"X13-3/8"X9-5/8"X7" WH. Test head to 500#. Good test. Skid rig.

09/20/19 MTRU. Test RAMs, valves, and annular.

09/23/19 TD 12-1/4" hole @ 4945'.

09/26/19 RIH w/ 9-5/8", 40#, J55, LTC csg &amp; set @ 4932'. Mix &amp; pump lead: 1075 sx Class C, 12.7 ppg, 2.16 yld; tail w/ 325 sx Class C, 14.8 ppg, 1.33 yld. Circ 298 sx to surf. WOC 8 hours.

Test csg to 1510# for 30 mins. OK.

09/30/19 TD 8-3/4" hole @ 9645'. RIH w/ 7", csg &amp; set @ 9630'.

7", 29# P110, LTC ? 0-7955'

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

Electronic Submission #496860 verified by the BLM Well Information System

For CIMAREX ENERGY COMPANY, sent to the Hobbs

Committed to AFMSS for processing by JONATHAN W SHEPARD on 01/07/2020 (20JS0006SE)

Name (Printed/Typed) TERRI STATHEM

Title MANAGER REGULATORY COMPLIANCE

Signature (Electronic Submission)

Date 12/23/2019

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

JONATHAN SHEPARD  
Title PETROELUM ENGINEER

Date 01/07/2020

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.

(Instructions on page 2)

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

**Additional data for EC transaction #496860 that would not fit on the form**

**32. Additional remarks, continued**

7", 26# L80, BTC ? 7948-9630'

10/01/19 Mix & pump: Lead: 635 sx, Class H, 10.4 ppg, 3.65 yld; tail w/ 160 sx Class H, 14.2 ppg, 1.17 yld. No cmt to surf. Release rig. WOC. 12 hrs.

10/02/19 Test csg to 2500# for 30 mins. OK.

10/23/19 Test BOPE.

10/31/19 TD 6-1/8" hole @ 19073'.

11/03/19 RIH w/ 4-1/2", P110, 11.6#, BTC csg & set @ 7801-19073'.

11/04/19 Mix & pump lead: 860 sx, Class H, 14.2 ppg, 1.17 yld. TOC @ 9430'

11/05/19 Release rig.

• **Revisions to Operator-Submitted EC Data for Sundry Notice #496860**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	DRG SR	DRG SR
Lease:	NMNM26394	NMNM26394
Agreement:		
Operator:	CIMAREX ENERGY COMPANY 600 N. MARIENFELD ST, STE 600 MIDLAND, TX 79701 Ph: 432-620-1936	CIMAREX ENERGY COMPANY 600 N. MARIENFELD SUITE 600 MIDLAND, TX 79701 Ph: 432.620.1938
Admin Contact:	TERRI STATHEM MANAGER REGULATORY COMPLIANCE E-Mail: tstathem@cimarex.com  Ph: 432-620-1936	TERRI STATHEM MANAGER REGULATORY COMPLIANCE E-Mail: tstathem@cimarex.com  Ph: 432-620-1936
Tech Contact:	TERRI STATHEM MANAGER REGULATORY COMPLIANCE E-Mail: tstathem@cimarex.com  Ph: 432-620-1936	TERRI STATHEM MANAGER REGULATORY COMPLIANCE E-Mail: tstathem@cimarex.com  Ph: 432-620-1936
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	BONE SPRING	WC-025 G06 S253329D
Well/Facility:	VACA DRAW 20-17 FEDERAL 72H Sec 20 T25S R33E Mer 1PM SESE 390FSL 350FEL 32.109895 N Lat, 103.586899 W Lon	VACA DRAW 20-17 FEDERAL 72H Sec 20 T25S R33E SESE 390FSL 350FEL 32.109894 N Lat, 103.586899 W Lon