

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office

FORM 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.

OCD Hobbs
HOBBS OCD
JUN 10 2019
RECEIVED

5. Lease Serial No.
NMMN26394

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
VACA DRAW 20-17 FEDERAL 2H

9. API Well No.
30-025-44136-00-X1

10. Field and Pool or Exploratory Area
WILDCAT;WOLFCAMP

11. County or Parish, State
LEA COUNTY, NM

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: HOPE KNAULS
E-Mail: hknaults@cimarex.com

3a. Address
600 N. MARIENFELD SUITE 600
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 918-585-1100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 20 T25S R33E SESW 390FSL 1910FWL
32.109905 N Lat, 103.596672 W Lon

12. CHECK THE 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 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 recomplate 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 recompletion 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.

Drilling Ops:

~~11/14/2018 - Spud well.~~
12/15/2018 - TD 14 3/4" surface hole at 1053'. RIH w/10 3/4" 45.5# J-55 BT&C csg & set @ 1053'. Mixed and pumped Lead: 550 sx Class C, 13.7 ppg, 1.664 yield. Tail w/320 sx Class C, 14.8 ppg, 1.344 yield. Circ 337 sx to surface. WOC 8 hrs.
11/17/2018 - Test casing to 1500# for 30 min. OK
~~11/28/2018 - TD 9 7/8" hole @ 11781'.~~
12/01/2018 - TD 8 3/4" curve @ 12456'. Ran 7 5/8" 29.7# L-80 csg set @ 12456' w/DV tool @ 4848'.
12/02/2018 - Mixed and pump Stage 1: Lead: 880 sx Class C, 10.5 ppg, 3.4 yield. Tail w/250 sx Class H, 14.5 ppg, 1.23 yield. Circ 20 sx to surface.
12/03/2018 ? Cmt Stage 2: 1200 sx Class C, 12.9 ppg, 1.873 yield. Circ 305 sx to surface. WOC cmt 4 hrs. Tested csg to 2000# for 30 mins. OK.

P.M.

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

Electronic Submission #465730 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 05/16/2019 (19PP1937SE)

Name (Printed/Typed) HOPE KNAULS Title REGULATORY TECHNICIAN

Signature (Electronic Submission) Date 05/16/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title **Accepted for Record** **MAY 17 2019**

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 **Jonathon Shepard**
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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #465730 that would not fit on the form

32. Additional remarks, continued

03/20/2019 - TD 6.3/4" lateral @ 22179'.

12/22/2018 - RIH w/tapered casing string: 5-1/2" 23# HCP-110 LT&C csg set @ 0?-11721'; Xover @ 11721'-11723'; 5" 18# P-110 BT&C csg set @ 11723'-22179'.

12/24/2018 - Mixed and pump 1160 sx Class H, 14.5 ppg, 1.225 yield. Circ 0 sx to surface. WOC 4 hrs.

03/26/2019 - Released rig.

Completion Ops:

04/11/2019 ? Test csg to 2000# for 30 mins. Good test.
w/o frac.

✓ p-r