

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.*

**HOBBS OGD**  
JAN 09 2020  
**RECEIVED**

5. Lease Serial No.  
NMNM26394

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 45H

9. API Well No.  
30-025-46118-00-X1

10. Field and Pool or Exploratory Area  
WC-025 G06 S253329D

11. County or Parish, State  
LEA COUNTY, NM

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

|   |  |   |  |   |
|---|--|---|--|---|
| 1. Type of Well<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other                    |  | 2. Name of Operator<br>CIMAREX ENERGY COMPANY         |  | Contact: TERRI STATHEM<br>E-Mail: tstatthem@cimarex.com       |
| 3a. Address<br>600 N. MARIENFELD SUITE 600<br>MIDLAND, TX 79701   |  | 3b. Phone No. (include area code)<br>Ph: 432-620-1936 |  | 10. Field and Pool or Exploratory Area<br>WC-025 G06 S253329D |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 20 T25S R33E SWSE 390FSL 2100FEL<br>32.109901 N Lat, 103.592552 W Lon |  |   |  | 11. County or Parish, State<br>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 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.

- 08/28/19 Spud well.
- 08/29/19 TD 17-1/2" hole @ 1066'. RIH w/ 13-3/8", 48#, J55, LTC csg & set @ 1066'. Mix & pump lead: 625 sx Class C, 13.5 ppg, 1.72 yld; tail w/ 250 sx Class C, 14.8 ppg, 1.34 yld. Circ 346 sx to surf. WOC 8 hrs. Test csg to 1500# for 30 mins. Ok.
- 09/02/19 TD 12-1/4" hole @ 4949'.
- 09/03/19 RIH w/ 9-5/8", 40#, J55, LTC csg & set @ 4940'.
- 09/04/19 Mix & pump lead: 1550 sx Class C, 12.9 ppg, 1.88 yld; tail w/ 325 sx Class C, 14.8 ppg, 1.33 yld. Circ. 6 sx to surface. WOC 8 hours. Test csg to 1500# for 30 mins. OK.
- 09/07/19 TD 8-3/4" hole @ 9748'.
- 09/08/19 TIH w/ 8-1/2" lateral assy.
- 09/15/19 TD 8-1/2" hole @ 19226'.
- 09/19/19 RIH w/ tapered string: 7", 29#, P110, LTC csg & set @ 0-7822' & 5-1/2", 20#, P110, BTC

✓ p m .

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

**Electronic Submission #496862 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY, sent to the Hobbs  
Committed to AFMS for processing by JONATHON W SHEPARD on 01/07/2020 (20JS0008SE)**

|                                    |                                     |
|------------------------------------|-------------------------------------|
| 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 <b>ACCEPTED</b>   | JONATHON SHEPARD<br>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.

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**Additional data for EC transaction #496862 that would not fit on the form**

**32. Additional remarks, continued**

csg & set @ 7822-19219'.

09/20/19 Mix & pump lead: 859 sx Class H, 10.5 ppg, 3.11 yld; tail w/ 2154 sx Class H, 14.5 ppg,  
1.22 yld. cement did not circ. TOC @ surf.

09/21/19 Release Rig.



**Revisions to Operator-Submitted EC Data for Sundry Notice #496862**

|                | <b>Operator Submitted</b>  | <b>BLM Revised (AFMSS)</b>   |
|----------------|--|--|
| Sundry Type:   | DRG<br>SR  | DRG<br>SR  |
| Lease:         | NMNM26394  | NMNM26394  |
| Agreement:     |  |  |
| Operator:      | CIMAREX ENERGY COMPANY<br>600 N. MARIENFELD ST, STE 600<br>MIDLAND, TX 79701<br>Ph: 432-620-1936                 | CIMAREX ENERGY COMPANY<br>600 N. MARIENFELD SUITE 600<br>MIDLAND, TX 79701<br>Ph: 432.620.1938           |
| Admin Contact: | TERRI STATHEM<br>MANAGER REGULATORY COMPLIANCE<br>E-Mail: tstathem@cimarex.com<br><br>Ph: 432-620-1936           | TERRI STATHEM<br>MANAGER REGULATORY COMPLIANCE<br>E-Mail: tstathem@cimarex.com<br><br>Ph: 432-620-1936   |
| Tech Contact:  | TERRI STATHEM<br>MANAGER REGULATORY COMPLIANCE<br>E-Mail: tstathem@cimarex.com<br><br>Ph: 432-620-1936           | TERRI STATHEM<br>MANAGER REGULATORY COMPLIANCE<br>E-Mail: tstathem@cimarex.com<br><br>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 45H<br>Sec 20 T25S R33E Mer 1PM SWSE 390FSL 2100FEL<br>32.109030 N Lat, 103.592550 W Lon | VACA DRAW 20-17 FEDERAL 45H<br>Sec 20 T25S R33E SWSE 390FSL 2100FEL<br>32.109901 N Lat, 103.592552 W Lon |