

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

|   |  |  |
|---|--|--|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other                  |  | 5. Lease Serial No.<br>NMNM129267  |
| 2. Name of Operator<br>CIMAREX ENERGY COMPANY   |  | 6. If Indian, Allottee or Tribe Name   |
| 3a. Address<br>600 N. MARIENFELD SUITE 600<br>MIDLAND, TX 79701   |  | 7. If Unit or CA/Agreement, Name and/or No.<br>NMNM138940                              |
| 3b. Phone No. (include area code)<br>Ph: 432-620-1936   |  | 8. Well Name and No.<br>WEST GRAMA RIDGE 8-5 FED COM 3H                                |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 8 T22S R34E SWSW 457FSL 590FWL<br>32.400227 N Lat, 103.498680 W Lon |  | 9. API Well No.<br>30-025-44840-00-X1  |
|   |  | 10. Field and Pool or Exploratory Area<br>BONE SPRINGS<br>GRAMA RIDGE-BONE SPRINGS, WE |
|   |  | 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 |
|   | <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 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.

08/06/18 spud well.  
08/07/18 TD 17-1/2" surface hole @ 1635'. RIH w/ 13-3/8", 54.5#, J55, BTC  
csg & set @ 1635'. Mix & pump lead: 1150 sx Class C, 13.5 ppg,  
1.73 yld; tail w/ 300 sx Class C, 14.8 ppg, 1.34 yld. Circ 542 sx to surface. WOC 9 hrs.  
08/09/18 Test csg to 1500# for 30 mins. Ok.  
08/11/18 TD 12-1/4" vertical hole @ 5160'. RIH w/ 9-5/8", 40#, J55, LTC csg &  
set @ 5160'.  
08/12/18 Mix & pump lead: 1425 sx Class H, 1q2.9 ppg, 1.78 yld; tail w/ 330 sx  
14.8 ppg, 1.37 yld. Circ 114 sx to surface. WOC 9 hrs.  
08/13/18 Test csg to 1500# for 30 mins. Ok.  
08/20/18 landed 8-3/4" curve. TOOH w/ curve assembly.  
08/21/18 PU lateral assembly. Drill lateral.

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

Electronic Submission #449089 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY, sent to the Hobbs  
Committed to AFMSS for processing by PRISCILLA PEREZ on 01/28/2019 (19PP0733SE)

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Name (Printed/Typed) TERRI STATHEM | Title MANAGER REGULATORY COMPLIANCE |
| Signature (Electronic Submission)  | Date 01/07/2019                     |

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

|   |                                   |
|---|-----------------------------------|
| Approved By _____   | Title _____ Date JAN 29 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 _____ /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 #449089 that would not fit on the form**

**32. Additional remarks, continued**

09/01/18 TD 8-3/4" hole @ 20640'. TOOH w DP & LD.  
09/04/18 RIH w/ 5-1/2", P110, CY, LTC/BTC csg & set @ 20640'.  
09/05/18 Mix & pump lead: 1350 sx Class H, 10.5 ppg, 2.88 yld; tail w/ 2831 sx  
Class H, 14.5 ppg, 1.19 yld. TOC @ 1900'. WOC. ✓

**Completion**

09/12/18 RIH & tag PBTD @ 20615'. Pressure test to 9900# for 30 mins.

Ok.Chart.

09/13/18 to

09/24/18 Perf Bone Spring @ 10490-20590', 1661 holes, .41. Frac w/ 466966  
bbls total fluid & 24257056# sand.

9/25/18 SWI pending drilling out.

09/28/18 to

9/29/18 Drill out plugs & CO to PBTD. Flowback well.

09/30/18 Turn well over to production.