

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**NMOCD**  
**Artesia**

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.*

5. Lease Serial No.  
NMNM130854

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
NMNM137097

8. Well Name and No.  
COTTONBERRY 20 FEDERAL COM 4H

9. API Well No.  
30-015-43658-00-X1

10. Field and Pool or Exploratory Area  
WC015G02S252715A-BONE SPRING

11. County or Parish, State  
EDDY 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 OF CO  
Contact: TERRI STATHEM  
E-Mail: tstatthem@cimarex.com

3a. Address  
202 S CHEYENNE AVE SUITE 1000  
TULSA, OK 74103.4346

3b. Phone No. (include area code)  
Ph: 432-620-1936

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 20 T25S R27E NENE 330FNL 700FEL

**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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Hydraulic Fracturing
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Convert to Injection

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.

Drilling  
02/01/17 Spud well @ 4:30 am. TD 17-1/2" surface hole @ 435'. RIH w/ 13-3/8", 48#, J55, STC csg & set @ 435'. Mix & pump 580 sx Class C, 14.8 ppg, 1.35 yld. Circ 208 sx to surface. WOC 8 hrs.  
02/02/17 Test csg to 1500# for 30 mins. Good test.  
02/04/17 TD 12-1/4" hole @ 1990'. RIH w/ 9-5/8", 36#, J55 LTC csg & set @ 1990'. Mix & pump lead: 530 sx Class C, 13.5 ppg, 1.82 yld; tail w/ 200 sx Class C, 14.8 ppg, 1.35 yld. Circ 148 sx to surface. WOC 8 hrs.  
02/05/17 Test csg to 1500# for 30 mins. Good test.  
02/08/17 TD 8-3/4" vertical hole @ 7019'. TOH & LD BHA.  
02/09/17 PU 8-3/4" curve BHA & drill curve.  
02/10/17 TOH w/ curve BHA. TIH w/ 8-1/2" lateral assembly & drill lateral.  
02/18/17 TD 8-1/2" hole @ 11975'.

**Accepted for record - NMOCD**  
8-10-17

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
AUG 09 2017  
RECEIVED

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

Electronic Submission #381400 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PÉREZ on 07/16/2017 (17PP0714SE)

Name (Printed/Typed) TERRI STATHEM Title MANAGER REGULATORY COMPLIANCE

Signature (Electronic Submission) Date 07/16/2017

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

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date AUG 1 2017

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 BUREAU OF LAND MANAGEMENT  
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.

**Additional data for EC transaction #381400 that would not fit on the form**

**32. Additional remarks, continued**

02/19/17 LDDP. RIH w/ 5-1/2", 17#, L80, BTC/LTC csg & set @ 11975'. Mix & pump lead: 880 sx Class H, 11.0 ppg, 2.9 yld; tail w/ 1295 sx Class H, 14.5 ppg, 1.34 yld. Circ 76 sx sur/WOC.  
02/20/17 Release rig.

**Completion**

05/20/17 Test csg to 925# for 30 mins ? ok. Test csg to 7025# for 30 mins. OK.

06/08/17 to

6/09/17 Perf Bone Spring @ 7444-11955' w/ 455 holes, .43. Frac w/ 123695 bbls total fluid and 9247657# sand.

06/10/17 Mill out plugs and CO to PBTD @ 11972'.

06/11/17 Flowback well.

06/13/17 SI well pending tbg installation.

06/17/17 RIH w/ 2-3/8" tbg, pkr & GLV & set @ 7022'. Turn well to production.