

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.

Carlsbad Field Office
OCD Artesia

Serial No.
4444430854

If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
COTTONBERRY 20 FEDERAL 5H

2. Name of Operator
CIMAREX ENERGY COMPANY

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

9. API Well No.
30-015-45148-00-X1

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

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

10. Field and Pool or Exploratory Area
COTTONWOOD DRAW-BONE SPRING

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

Sec 20 T25S R27E NWNW 976FNL 639FWL
32.120064 N Lat, 104.218781 W Lon

11. County or Parish, State

EDDY COUNTY, NM

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 recomplete 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:

11/19/2018 - Spud well. TD 17 7/8" surface hole @ 411'. RIH w/13 3/8" 48# J-55 ST&C csg & set @ 420'. Mixed and pumped 500 sx Class C, 14.8 ppg, 1.346 yield. Circ 156 sx to surface. WOC 8 hrs.

11/21/2018 - Test csg to 1500# for 30 mins. OK.

11/22/2018 - TD 12 7/8" hole @ 1900'.

11/23/2018 - Ran 9 5/8" 36# J-55 LT&C csg set @ 1890'. Mixed & pumped: Lead: 500 sx Class C.

Tail w/250 sx Class C. WOC 12 hrs. Tested csg to 2437# for 30 mins. OK.

12/01/2018 - TD 8 7/8" hole @ 12828'. Ran 5 7/8" 20# L-80 LT&C/BT&C csg set @ 12825'. Mixed & pumped:

Lead: 980 sx Class H, 10.5 ppg, 3.448 yield. Tail w/1375 sx Class H, 14.5 ppg, 1.225 yield. Circ

252 sx to surface. WOC.

12/3/2018 - Released rig.

RECEIVED

JUL 23 2019

DISTRICT II-ARTESIA O.C.D.

GC 7/24/19
Accepted for record - NMOC

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

Electronic Submission #465717 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 05/16/2019 (19PP2143SE)

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**

Date

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 #465717 that would not fit on the form

32. Additional remarks, continued

Completion Ops:

01/29/2019 - Test csg to 7825# for 30 mins. Ending psi 8227#. PBTD @ 12825'.

02/22/2019 to

03/01/2019 - Perf Bone Spring @ 8040'- 12772', 782 holes, .41. Frac w/190825 bbls total fluid & 9288039# sand.

03/05/2019 - DO plugs & CO to PBTD @ 12825'. Flowback well.

03/06/2019 - SI pending tbq installation.

03/07/2019 RIH w/tbg, pkr & GLV & set @ 7321?. Turn well to production.