

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 Hope Hobbs

Serial No. NMMN056376

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

JUN 10 2019

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

1. Type of Well Oil Well Gas Well Other

Well Name and No. Mescalero Ridge 21 Federal 1H

2. Name of Operator CIMAREX ENERGY COMPANY Contact: HOPE KNAULS E-Mail: hknauls@cimarex.com

9. API Well No. 30-025-45054-00-X1

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

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

10. Field and Pool or Exploratory Area WILDCAT BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T19S R34E NWNE 544FNL 1980FEL 32.651505 N Lat, 103.563103 W Lon

11. County or Parish, State LEA COUNTY, NM

RECEIVED

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

Table with columns TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Acidize, Deepen, Production (Start/Resume), Water Shut-Off, etc.

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA.

Drilling Ops: 12/08/2018 - Spud well. 12/09/2018 - TD 17 1/2" surface hole at 1767'. 12/10/2018 - RIH w/13 3/8" 54.5# J-55 BT&C csg & set @ 1767'. Mixed and pumped Lead: 1200 sx Class C, 13.5 ppg, 1.33 yield. Tail w/250 sx Class C, 14.8 ppg, 1.33 yield. Circ 296 sx to surface. WOC 8 hrs. 12/12/2018 - Test casing to 1500# for 30 min. OK 12/15/2018 - TD 12 1/4" hole @ 5440' 12/16/2018 - Ran 9 5/8" 40# J-55 LT&C csg set @ 5421'. Mixed and pump: Lead: 1560 sx Class C, 12.9 ppg, 1.875 yield. Tail w/300 sx Class C, 14.8 ppg, 1.332 yield. Circ 540 sx to surface. WOC cmt 12 hrs. 12/17/2018 - Tested csg to 2850# for 30 mins. OK.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #465724 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 (19PP1936SE) 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 MAY 17 2019 Jonathon Shepard Carlsbad Field Office Office

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.

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 #465724 that would not fit on the form

32. Additional remarks, continued

12/25/2018 - TD 8 3/4" lateral @ 15630'.

12/26/2018 - Ran 5 1/2" 20# P-110 csg set @ 15630'.

12/27/2018 - Mixed and pump: Lead: 1040 sx Class H, 10.5 ppg, 3.43 yield. Tail w/1450 sx Class H, 14.5 ppg, 1.22 yield. Circ 732 sx to surface. WOC 4 hrs.

12/29/2018 - Released rig.

Completion Ops:

01/15/2019 - Test csg to 9900# for 30 mins. Ending psi 10000#.

01/15/2019 to 02/12/2019 Perf Bone Spring @ 10871'-15367', 646 holes, .41. Frac w/187445 bbls total fluid & 9502510# sand.

02/14/2019 - DO plugs & CO to PBD 15627'. Flowback well.