

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.*5. Lease Serial No.
NMNM056376

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
CIMAREX ENERGY COMPANYContact: HOPE KNAULS
E-Mail: hknaults@cimarex.com8. Well Name and No.
MESCALERO RIDGE 21 FEDERAL 1H9. API Well No.
30-025-45054-00-X13a. Address
600 N. MARIENFELD SUITE 600
MIDLAND, TX 797013b. Phone No. (include area code)
Ph: 918-585-110010. 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

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 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 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:

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 **ACCEPTED**JONATHON SHEPARD
Title PETROELUM ENGINEER

Date 05/17/2019

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 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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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 PBTD 15627'. Flowback well.