

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**Carlsbad Field Office**  
**OCD Artesia**

**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.*

Serial No.  
NMLC064200

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		6. If Indian, Allottee or Tribe Name
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA/Agreement, Name and/or No. RIVERBOAT 12/1 WOPA FED COM 1H
2. Name of Operator CIMAREX ENERGY COMPANY Contact: HOPE KNAULS E-Mail: hknauls@cimarex.com		8. Well Name and No. RIVERBOAT 12/1 WOPA FED COM 1H
3a. Address 600 N MARIENFELD STE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 918-585-1100	9. API Well No. 30-015-45305-00-X1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 12 T24S R26E SESE 285FSL 449FEL 32.225086 N Lat, 104.239204 W Lon		10. Field and Pool or Exploratory Area PURPLE SAGE-WOLFCAMP (GAS)
		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:

- 01/02/2019 - Spud well.
- 01/03/2019 - TD 17 1/2" Surface hole at 418'. RIH w/13 3/8" 48# J-55 ST&C csg & set @ 418'. Mixed and pumped 600 sx Class C, 14.8 ppg, 1.35 yield. Circ 250 sx to surface. WOC 8 hrs.
- 01/04/2019 - Test casing to 1500# for 30 min. OK
- 01/05/2019 - TD 12 1/4" hole @ 1973'. Ran 9 5/8" 36# J-55 LT&C csg set @ 1973'.
- 01/06/2018 - Mixed and pump: Léad: 500 sx Class C, 12.9 ppg, 1.894 yield. Tail w/300 sx Class C, 14.8 ppg, 1.333 yield. Circ 340 sx to surface. WOC cmt 12 hrs. Tested csg to 2454# for 30 mins. OK.
- 01/10/2019 - TD 8 3/4" curve @ 9257'.
- 01/18/2019 - TD 8 3/4" lateral @ 17637'.
- 01/23/2018 - Ran 5 1/2" 20# P-110 csg set @ 17596'.

GC 7/24/19  
Accepted for record - NMOCD

RECEIVED

JUL 23 2019

DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #465722 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 (19PP2145SE)	
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 <b>Accepted for Record</b>	Date <b>MAY 16 2019</b>
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 <b>Jonathon Shepard</b> <b>Carlsbad Field Office</b>	

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 #465722 that would not fit on the form**

**32. Additional remarks, continued**

12/24/2018 - Mixed and pump: Lead: 1100 sx Class C, 10.5 ppg, 3.43 yield. Tail w/2680 sx Class H, 14.5 ppg, 1.22 yield. Circ 362 sx to surface. WOC 4 hrs.  
01/25/2019 - Released rig.