

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOCD-ARTESIA  
REC'D: 8/12/2020FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC065421

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator CIMAREX ENERGY COMPANY		Contact: FATIMA VASQUEZ E-Mail: fvasquez@cimarex.com	
3. Address 600 N MARIENFELD STREET STE 600 MIDLAND, TX 79701		3a. Phone No. (include area code) Ph: 432.620.1933	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 13 T24S R26E Mer NMP At surface NWNW 45FNL 310FWL 32.224500 N Lat, 104.254101 W Lon Sec 12 T24S R26E Mer NMP At top prod interval reported below SWSW 362FSL 534FWL 32.225619 N Lat, 104.253372 W Lon Sec 1 T24S R26E Mer NMP At total depth NWNW 330FNL 553FWL 32.252725 N Lat, 104.253353 W Lon		8. Lease Name and Well No. RIVERBOAT 12/1 W0MD FED COM 1H	
14. Date Spudded 12/12/2019		15. Date T.D. Reached 12/26/2019	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/04/2020		17. Elevations (DF, KB, RT, GL)* 3265 GL	
18. Total Depth: MD 18800 TVD 8811		19. Plug Back T.D.: MD 18770 TVD 8811	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)			

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Skis. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	48.0	0	447		600		0	
12.250	9.625 J-55	36.0	0	1863		750		0	
8.750	5.500 P-110	20.0	0	18797		3930		0	

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	8237	8237						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	8708		8896 TO 18745	0.410	1064	PRODUCING
B)						
C)						
D)						

## 26. Perforation Record

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8896 TO 18745	458,226 BBLS TOTAL FLUID & 23,740,633# SAND

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/04/2020	03/24/2020	24	→	1058.0	2449.0	3370.0	44.0		GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
42	SI	1450.0	→	1058	2449	3370	2315	POW	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #510205 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

Redaction due 9/4/2020  
8/26/2020 AB

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(*Sold, used for fuel, vented, etc.*)  
**SOLD**

30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	31. Formation (Log) Markers
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
DELAWARE BONE SPRING WOLFCAMP	2071 5394 8708	5394 8708		RUSTLER DELAWARE BONE SPRING WOLFCAMP	0 2071 5394 8708

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:			
1. Electrical/Mechanical Logs (1 full set req'd.)	2. Geologic Report	3. DST Report	4. Directional Survey
5. Sundry Notice for plugging and cement verification	6. Core Analysis	7 Other:	

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #510205 Verified by the BLM Well Information System.**  
**For CIMAREX ENERGY COMPANY, sent to the Carlsbad**  
**Committed to AFMSS for processing by DEBORAH HAM on 05/26/2020 (20DMH0154SE)**

Name(*please print*) FATIMA VASQUEZ Title REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 04/08/2020

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.

## Revisions to Operator-Submitted EC Data for Well Completion #510205

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMLC065421	NMLC065421
Agreement:		
Operator:	CIMAREX ENERGY COMPANY 600 N MARIENFELD ST SUITE 600 MIDLAND, TX 79701 Ph: 432-620-1936	CIMAREX ENERGY COMPANY 600 N MARIENFELD STREET STE 600 MIDLAND, TX 79701 Ph: 432.620.1936
Admin Contact:	FATIMA VASQUEZ REGULATORY ANALYST E-Mail: fvasquez@cimarex.com  Ph: 432.620.1933	FATIMA VASQUEZ REGULATORY ANALYST E-Mail: fvasquez@cimarex.com  Ph: 432.620.1933
Tech Contact:	FATIMA VASQUEZ REGULATORY ANALYST E-Mail: fvasquez@cimarex.com  Ph: 432.620.1933	FATIMA VASQUEZ REGULATORY ANALYST E-Mail: fvasquez@cimarex.com  Ph: 432.620.1933
Well Name: Number:	RIVERBOAT 12 1 W0MD FEDERAL CO 1H	RIVERBOAT 12/1 W0MD FED COM 1H
Location: State: County: S/T/R: Surf Loc:	NM EDDY Sec 13 T24S R26E Mer NMP NWNW 45FNL 310FWL 32.224500 N Lat, 104.254101 W Lon	NM EDDY Sec 13 T24S R26E Mer NMP NWNW 45FNL 310FWL 32.224500 N Lat, 104.254101 W Lon
Field/Pool:	PURPLE SAGE; WOLFCAMP	PURPLE SAGE-WOLFCAMP (GAS)
Logs Run:	NONE	NONE
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP
Porous Zones:	DELAWARE BONES SPRING WOLFCAMP	DELAWARE BONE SPRING WOLFCAMP
Markers:	RUSTLER DELAWARE BONE SPRING WOLFCAMP	RUSTLER DELAWARE BONE SPRING WOLFCAMP