

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC065421

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
RIVERBOAT 12/1 WOMB FED COM 1H

9. API Well No.
30-015-45304-00-S1

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

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**

10. Field and Pool, or Exploratory
PURPLE SAGE-WOLFCAMP (GAS)

11. Sec., T., R., M., or Block and Survey
or Area **Sec 13 T24S R26E Mer NMP**

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
12/12/2019

15. Date T.D. Reached
12/26/2019

16. Date Completed
 D & A 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? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No 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 Sk. & 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

26. Perforation Record

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

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	1948	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	
			▶						

ACCEPTED FOR RECORD

JUL 28 2020
Oil well

**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

(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 ****

Redemption due 9/4/2020

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