

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM88128

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator **CIMAREX ENERGY COMPANY** Contact: **AMITHY E CRAWFORD**
E-Mail: **acrawford@cimarex.com**

8. Lease Name and Well No.
RIVERBEND 12-13 FEDERAL COM 30H

3. Address **600 N MARIENFELD STE 600
MIDLAND, TX 79701**

3a. Phone No. (include area code)
Ph: **432-620-1909**

9. API Well No.
30-015-45022-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 1 T25S R28E Mer NMP
At surface **NESW 1379FSL 1376FWL 32.155834 N Lat, 104.045006 W Lon**
Sec 12 T25S R28E Mer NMP
At top prod interval reported below **NENW 340FNL 2255FWL**
Sec 13 T25S R28E Mer NMP
At total depth **SESW 330FSL 2254FWL**

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

11. Sec., T., R., M., or Block and Survey
or Area **Sec 1 T25S R28E Mer NMP**

12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded
08/17/2018

15. Date T.D. Reached
09/13/2018

16. Date Completed
 D & A Ready to Prod.
12/29/2018

17. Elevations (DF, KB, RT, GL)*
2937 GL

18. Total Depth: MD **20738** TVD **9735**

19. Plug Back T.D.: MD **20650** TVD **9735**

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 J55	48.0	0	458		810		0	457
12.250	9.625 J55	36.0	0	2635		1125		0	487
8.750	7.000 L80	32.0	0	10011		890		0	225
6.000	4.500 HCP110	13.5	8227	20738		850		8227	(X)

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
3.500	8205	8205						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9600	20641	10778 TO 20641	0.430	1392	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10778 TO 20641	19461886 GAL SLICKWATER & 24084523 LBS SAND

JUN 25 2019

DISTRICT/ARTESIA/O.C.D.

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
12/29/2018	01/04/2019	24	→	430.0	2333.0	1850.0	47.9		ACCEPTED FOR RECORD
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
34	2237	226.0	→	430	2333	1850	5425	FGW	

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
			→						BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
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 #455082 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

Reclamation Due: 6/29/19

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

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
RUSTLER	431	1898	BARREN	RUSTLER	431
SALADO	1898	2461	BARREN	SALADO	1898
CASTILE	2461	2645	BARREN	CASTILE	2461
DELAWARE SAND	2645	6362	WATER OIL	DELAWARE	2645
BONE SPRING	6362	9600	WATER GAS OIL	BONE SPRING	6362
WOLFCAMP	9600		WATER GAS OIL	WOLFCAMP	9600

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 #455082 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by DINAH NEGRETE on 05/27/2019 (19DCN0196SE)**

Name (please print) AMITHY E CRAWFORD

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 02/19/2019

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.