

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.
NMNM881281a. 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: FATIMA VASQUEZ
E-Mail: fvasquez@cimarex.com8. Lease Name and Well No.
RIVERBEND 12-13 FEDERAL COM 29H3. Address 600 N MARIENFELD STE 600
MIDLAND, TX 797013a. Phone No. (include area code)
Ph: 432.620.19339. API Well No.
30-015-45021-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

Sec 1 T25S R28E Mer NMP

At surface NESW 1379FSL 1396FWL 32.155835 N Lat, 104.044939 W Lon

Sec 1 T25S R28E Mer NMP

At top prod interval reported below NESW 1703FSL 2249FWL 32.156719 N Lat, 104.042175 W Lon

Sec 13 T25S R28E Mer NMP

At total depth SESW 330FSL 2195FWL

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 NMP12. County or Parish
EDDY 13. State
NM14. Date Spudded
07/28/201815. Date T.D. Reached
10/11/201816. Date Completed
☐ D & A ☒ Ready to Prod.
12/29/201817. Elevations (DF, KB, RT, GL)*
2937 GL18. Total Depth: MD 21947
TVD 1085119. Plug Back T.D.: MD 21923
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NONE22. 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	461		1091		0	
12.250	9.625 J-55	36.0	0	2618		1125		0	
8.750	7.000 RYS-110	32.0	0	9338				0	
6.000	4.500 HCP-110	13.5	9209	21947		870		9209	
8.750	7.000 L-80	32.0	9338	10920		975		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)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9600	21878	11984 TO 21878	0.400	1382	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11984 TO 21878	587,140 BBLs TOTAL FLUID & 24,020,397# SAND

JUN 25 2019

DISTRICT II-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	01/27/2019	24	→	391.0	4146.0	1508.0	47.9		FLOW FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
30	SI	4268.0	→	391	4146	1508	10604	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
			→						
Choke Size	Tbg. Press. Flwg.	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 #454588 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 6/29/2019

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		
SALADO	1898	2461	BARREN		
CASTILE	2461	2645	BARREN		
DELAWARE SAND	2645	6362	WATER, OIL		
BONE SPRING	6362	9600	WATER, GAS, OIL		
WOLFCAMP	9600		WATER, GAS, OIL		

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 #454588 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by DINAH NEGRETE on 05/23/2019 (19DCN0195SE)

Name (please print) FATIMA VASQUEZTitle REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 02/13/2019

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.