

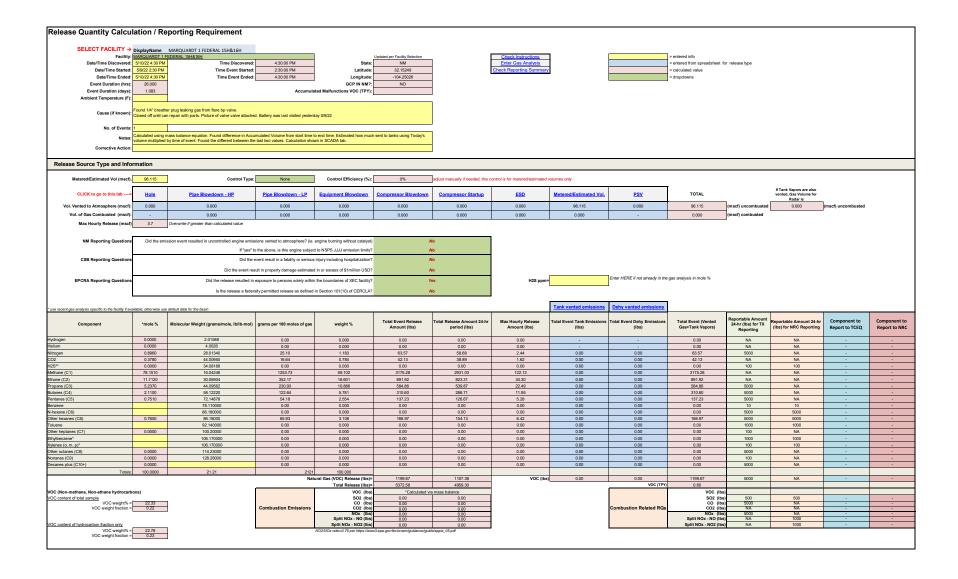


5827G		NCW0001010		Marg	Marguardt 1 Fed 15H WH Alloc.		
Sample Point Code			Sample Point Na	ame Sample Point Location		Location	
Laboratory Ser	vices	2021045	270	2214	I	Rangel - Spo	t
Source Laborato	ory	Lab File No		Container Identity		Sampler	
USA		USA		USA	1	New Mexico	
District		Area Name		Field Name		Facility Name	
Aug 25, 2021 09:	30	Aug 25,	2021 09:30	Aug 31, 202	21 10:34	Aug 3	31, 2021
Date Sampled		Date	e Effective	Date Rec	ceived	Date !	Reported
78.00		Luis		116 @ 85			
Ambient Temp (°F)	low Rate (Mcf)	Analysi	ī.	Press PSI @ Temp °F Source Conditions	_		
Cimarex Energ	у					NG	
Operator					Lab S	Source Description	on
Component	Normalized Mol %	Un-Normalized Mol %	GPM	Gross H 14.696 PSI @ 60.00	eating Values ( <sup>°F</sup>	Real, BTU/ft <sup>3</sup>	-
H2S (H2S)	0.0000	0		1 1	aturated	Dry	Saturated
Nitrogen (N2)	0.8960	0.89595				1,273.7	1,253.1
CO2 (CO2)	0.3780	0.37769			ated Total Samp 5-16 *Calculated at Co	•	•
Methane (C1)	78.1510	78.15088		Relative Density Re	eal	Relative Der	
Ethane (C2)	11.7120	11.71248	3.1310	0.7367 Molecular Weight	t	0.73	043
Propane (C3)	5.2370	5.2374	1.4420	21.2668			
I-Butane (IC4)	0.6070	0.60666	0.1990	1   '	C6+ Group Pro		
N-Butane (NC4)	1.5030	1.50265	0.4740	C6 - 60.000%	Assumed Compos C7 - 30.000		- 10.000%
I-Pentane (IC5)	0.3570	0.35654	0.1310		Field H2S		
N-Pentane (NC5)	0.3940	0.39441	0.1430	]	0 PPM		
Hexanes Plus (C6+)	0.7650	0.76533	0.3320	PROTREND STATUS:		DATA SOU	RCE:
TOTAL	100.0000	100.0000	5.8520	Passed By Validator on		Imported	
Method(s): Gas C6+ - GPA 2261, Extended	Gas - GPA 2286, Calculat	tions - GPA 2172		PASSED BY VALIDATOR R Close enough to be con		able.	
	Analyzer Informa	tion		VALIDATOR:			

Device Type: Gas Chromatograph Device Make: Shimadzu Device Model: GC-2014 Last Cal Date: Aug 22, 2021 **Dustin Armstrong** 

**VALIDATOR COMMENTS:** 

OK



Released

to

Imaging: 5/12/2022 3:55:44

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

DEFINITIONS

Action 106381

#### **DEFINITIONS**

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
600 N. Marienfeld Street	Action Number:
Midland, TX 79701	106381
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

#### **DEFINITIONS**

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:

- this application's operator, hereinafter "this operator";
- · venting and/or flaring, hereinafter "vent or flare";
- any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";
- the statements in (and/or attached to) this, hereinafter "the statements in this";
- and the past tense will be used in lieu of mixed past/present tense questions and statements.

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## **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 106381

Phone: (505) 476-3470 Fax: (505) 476-3462		
Q	UESTIONS	
Operator:		OGRID:
CIMAREX ENERGY CO.		215099
600 N. Marienfeld Street Midland, TX 79701		Action Number: 106381
		Action Type: [C-129] Venting and/or Flaring (C-129)
QUESTIONS		
Prerequisites		
Any messages presented in this section, will prevent submission of this application. Please resolve	these issues before continuing wi	th the rest of the questions.
Incident Well	Not answered.	
Incident Facility	[fAPP2202783215] MARQU	JARDT 1 FEDERAL 15H&16H
Determination of Reporting Requirements		
Answer all questions that apply. The Reason(s) statements are calculated based on your answers ar	nd may provide addional quidance	
Was this vent or flare caused by an emergency or malfunction	Yes	•
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	Yes	
Is this considered a submission for a vent or flare event	Yes, minor venting and/or	flaring of natural gas.
An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during v  Was there at least 50 MCF of natural gas vented and/or flared during this event	Yes	y be a major or minor release under 19.15.29.7 NMAC.
Did this vent or flare result in the release of <b>ANY</b> liquids (not fully and/or completely	165	
flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No	
Was the vent or flare within an incorporated municipal boundary or withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No	
Equipment Involved		
Primary Equipment Involved	Not answered.	
Additional details for Equipment Involved. Please specify	Not answered.	
Representative Compositional Analysis of Vented or Flared Natural Gas		
Please provide the mole percent for the percentage questions in this group.  Methane (CH4) percentage	70	
	78	
Nitrogen (N2) percentage, if greater than one percent	1	
Hydrogen Sulfide (H2S) PPM, rounded up	0	
Carbon Dioxide (C02) percentage, if greater than one percent	1	
Oxygen (02) percentage, if greater than one percent	0	
If you are venting and/or flaring because of Pipeline Specification, please provide the required spec	ifications for each gas.	
Methane (CH4) percentage quality requirement	Not answered.	
Nitrogen (N2) percentage quality requirement	Not answered.	
Hydrogen Sufide (H2S) PPM quality requirement	Not answered.	
Carbon Dioxide (C02) percentage quality requirement	Not answered.	
Oxygen (02) percentage quality requirement	Not answered.	

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Cumulative hours during this event

# **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 106381

QUESTIONS	(continued)	
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	QOEO HONO (Contantaca)
Operator: CIMAREX ENERGY CO.	OGRID: 215099
600 N. Marienfeld Street Midland, TX 79701	Action Number: 106381
	Action Type:  [C-129] Venting and/or Flaring (C-129)
QUESTIONS	
Date(s) and Time(s)	
Date vent or flare was discovered or commenced	05/10/2022
Time vent or flare was discovered or commenced	02:30 PM
Time vent or flare was terminated	04:30 PM

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Natural Gas Vented (Mcf) Details	Cause: Other   Valve   Natural Gas Vented   Released: 205 Mcf   Recovered: 0 Mcf   Lost: 205 Mcf   Mcf
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Not answered.
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

Venting or Flaring Resulting from Downstream Activity		
Was this vent or flare a result of downstream activity	No	
Was notification of downstream activity received by this operator	Not answered.	
Downstream OGRID that should have notified this operator	Not answered.	
Date notified of downstream activity requiring this vent or flare	Not answered.	
Time notified of downstream activity requiring this vent or flare	Not answered.	

Steps and Actions to Prevent Waste		
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control.	True	
Please explain reason for why this event was beyond this operator's control	Breather plug leaking from bp valve.	
Steps taken to limit the duration and magnitude of vent or flare	Closed off leak.	
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Routine maintenance.	

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## **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505**

ACKNOWLEDGMENTS

Action 106381

### **ACKNOWLEDGMENTS**

Operator:	OGRID:
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600 N. Marienfeld Street	Action Number:
Midland, TX 79701	106381
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

### **ACKNOWLEDGMENTS**

V	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be <b>a complete</b> C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
V	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
V	I hereby certify the statements in this report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
V	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
V	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.

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CONDITIONS

Action 106381

### **CONDITIONS**

Operator:	OGRID:
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#### CONDITIONS

Created By	Condition	Condition Date
bgordon01	If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	5/12/2022