



Jessica Zemen
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Volume for Emission Event:

3. Time of Event							1. Vented or Flared?	2. Calculating Volumetric Release Rate for VRU Releases Incapable of Estimation				3. Gaseous Volumetric Release Rate (scf/hr or scf/event)	
Date of discovery	TIME OF Discovery or Schedule-4-Activity	Date of start of event or Schedule	TIME OF Start of Event or Schedule	Date of end of event or Schedule-4-Activity	TIME OF end of event or Schedule	Duration of Event in Hrs	Vent or Flare	Is Volume Metered, Estimated or Otherwise Known?	Daily Production (barrels of / day)	Site-specific GOR Available?	Site-specific GOR (scf gas / barrel oil)	Value	Units
5/31/2021	14:05:00	5/31/2021	14:05:00	5/31/2021	15:08:00	1.05	Flare					596	mscf/event

Gas Analysis for Emission Event:

I. Gas Sample Selection		Is a gas analysis for this release of gas available?
		Sample ID #
		83967.001
II. Gas Sample Characteristics		Sample Date
		10/16/2018
		Sample Description
		Inlet Gas Analysis
		Low Heating Value (BTU/SCF)
		1138
		H₂S (mol%)^{1H}
		0.001
		Nitrogen (mol%)
		3.513
		CO₂ (mol%)
		7.394
		Methane (mol%)
		72.152
		Ethane (mol%)
		9.096
		Propane (mol%)
		4.569
		Iso-Butane (mol%)
		0.566
		N-Butane (mol%)
		1.322
		iso-Pentane (mol%)
		0.360
		n-Pentane (mol%)
		0.370
		Hexanes (mol%)
		0.333
		Heptanes + (mol%)
		0.325
		2,2,4-trimethylpentane (mol%)
		n-Hexane (mol%)
		0.127
		Benzene (mol%)
		0.031
		Ethyl-Benzene (mol%)
		0.002
		Xylene (mol%)
		0.005
		Toluene (mol%)
		0.025

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

District IV

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

QUESTIONS

Action 31685

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 31685
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS**Determination of Reporting Requirements**

Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.

Was or is this venting or flaring caused by an emergency or malfunction	Yes
Did or will this venting or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a notification of a major venting or flaring	Yes, major venting or flaring of natural gas.
The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.13.297 NMAC.	
Was there or will there be at least 50 MCF of natural gas vented or flared during this event	Yes
Did this venting or flaring result in the release of ANY liquids (not fully and/or completely 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

Unregistered Facility Site

Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (##) yet.

Facility or Site Name	Cotton Draw Section 3 Compressor Station
Facility Type	Compressor Station - (CS)

Equipment Involved

Primary Equipment Involved	Gas Compressor Station
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	72
Nitrogen (N2) percentage, if greater than one percent	4
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	7
Oxygen (O2) percentage, if greater than one percent	0
If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.	
Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

Date(s) and Time(s)

Date venting or flaring was discovered or commenced	05/31/2021
Time venting or flaring was discovered or commenced	02:05 PM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	05/31/2021
Time venting or flaring was terminated	03:08 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	1
Longest duration of cumulative hours within any 24-hour period during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas

Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure Gas Compressor Station Natural Gas Flared Spilled: 596 Mcf Recovered: 0 Mcf Lost: 596 Mcf]
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 Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

Venting or Flaring Resulting from Downstream Activity

Was or is this venting or flaring a result of downstream activity	Not answered.
Date notified of downstream activity requiring this venting or flaring	Not answered.
Time notified of downstream activity requiring this venting or flaring	Not answered.

Steps and Actions to Prevent Waste

For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	Compressor unit 801 shutdown on a faulty wire alarm and caused the station to emergency shutdown. This shutdown resulted in a flaring event.
Steps taken to limit the duration and magnitude of venting or flaring	All of the facilities and emissions control devices at this site are operating as designed and, where applicable, are authorized. Chevron field personnel will execute practicable measures to minimize emissions.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Corrective measures focused on reducing gas production as quickly and safely as possible to minimize the duration and volume of gas flared.

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CONDITIONS

Action 31685

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	Action Number: 31685
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CONDITIONS

Created By	Condition	Condition Date
system	If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event.	6/13/2021