



Jessica Zemen  
Lead Environmental Specialist, Field Support

6301 Deauville Blvd.  
Midland, TX 79706  
432-530-9187  
jessicazemen@chevron.com

### 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 <sup>4</sup> Activity St	Date of start of event or Scheduled Activity	Time of Start of Event or Scheduled Activity St	Date of end of event or Scheduled Activity E	Time of est. or actual end of event or Scheduled Activity E	Duration of Event in Hours	Vent or Flare	Is Volume Metered, Estimated or Otherwise Known?	Daily Production (barrels of oil / day)	Site-specific GOR Available?	Site-specific GOR (scf gas / barrel oil)	Value	Units
6/22/2021	13:00:00	6/22/2021	13:00:00	6/22/2021	15:00:00	2.00	Vent					2022	mscf/event

### Gas Analysis for Emission Event:

I. Gas Sample Selection		Is a gas analysis for this release of gas available?
		Sample ID #
		20
II. Gas Sample Characteristics		Sample Date
		5/18/2021
		Sample Description
		Low Heating Value (BTU/SCF)
		194.2
		H <sub>2</sub> S (mol%) <sup>191</sup>
		0.300
		Nitrogen (mol%)
		1.934
		CO <sub>2</sub> (mol%)
		87.267
		Methane (mol%)
		4.887
		Ethane (mol%)
		2.958
		Propane (mol%)
		1.069
		Iso-Butane (mol%)
		0.149
		N-Butane (mol%)
		0.479
		iso-Pentane (mol%)
		0.172
		n-Pentane (mol%)
		0.198
		Hexanes (mol%)
		0.587
		Heptanes + (mol%)
		2,2,4-trimethylpentane (mol%)
		n-Hexane (mol%)
		Benzene (mol%)
		Ethyl-Benzene (mol%)
		Xylene (mol%)
		Toluene (mol%)

**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 34873

**QUESTIONS**

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 34873
	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.
<b>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.</b>	
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	Central Vacuum Unit
Facility Type	Not answered.

**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	5
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	3,000
Carbon Dioxide (CO2) percentage, if greater than one percent	87
Oxygen (O2) percentage, if greater than one percent	0
<b>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</b>	
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	06/22/2021
Time venting or flaring was discovered or commenced	01:00 PM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	06/22/2021
Time venting or flaring was terminated	03:00 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	2
Longest duration of cumulative hours within any 24-hour period during this event	2

**Measured or Estimated Volume of Vented or Flared Natural Gas**

Natural Gas Vented (Mcf) Details	Cause: Equipment Failure   Tank ( Any )   Natural Gas Vented   Spilled: 2,022 Mcf   Recovered: 0 Mcf   Lost: 2,022 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 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	The electrical company lost power to the area, which resulted in the gas plant and field losing power.
Steps taken to limit the duration and magnitude of venting or flaring	Chevron field personnel executed practicable measures to minimize emissions. The production team was notified to shut-in the wells.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Chevron field personnel executed practicable measures to minimize emissions.

**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**

CONDITIONS  
  
Action 34873

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 34873
	Action Type: [C-129] Venting and/or Flaring (C-129)

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.	7/5/2021