



Jessica Zemen  
Lead Environmental Specialist, Field Support

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

I. Gas Sample Selection	Is a gas analysis for this release of gas available?	
	Sample ID #	STA118920
II. Gas Sample Characteristics	Sample Date	4/28/2021
	Sample Description	Flash Gas Analysis
	Low Heating Value (BTU/SCF)	1277
	H <sub>2</sub> S (mol%) <sup>11</sup>	1.517
	Nitrogen (mol%)	2.358
	CO <sub>2</sub> (mol%)	0.985
	Methane (mol%)	73.127
	Ethane (mol%)	9.301
	Propane (mol%)	6.576
	Iso-Butane (mol%)	0.920
	N-Butane (mol%)	2.525
	iso-Pentane (mol%)	0.715
	n-Pentane (mol%)	0.801
	Hexanes (mol%)	
	Heptanes + (mol%)	1.178
	2,2,4-trimethylpentane (mol%)	
	n-Hexane (mol%)	
	Benzene (mol%)	
	Ethyl-Benzene (mol%)	



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3. Time of Event							1. Vented or	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 Scheduled Activity Start	Date of start of event or Scheduled Activity Start	Time of Start of Event or Scheduled Activity Start	Date of end of event or Scheduled Activity End	Time of end of event or Scheduled Activity End	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
5/13/2021	8:00:00	5/12/2021	8:00:00	5/13/2021	8:00:00	24.00	Vent					80	mscf/event

**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 29358

**QUESTIONS**

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 29358
	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	Yes
Is this considered a submission for a notification of a major venting or flaring	Yes, minor 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 19.13.29.7 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	Orcutt CTB
Facility Type	Tank Battery - (TB)

**Equipment Involved**

Primary Equipment Involved	Valve
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	73
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	2
Carbon Dioxide (CO2) percentage, if greater than one percent	1
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	05/12/2021
Time venting or flaring was discovered or commenced	08:00 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	05/13/2021
Time venting or flaring was terminated	08:00 AM
Total duration of venting or flaring in hours, if venting or flaring has terminated	24
Longest duration of cumulative hours within any 24-hour period during this event	24

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

Natural Gas Vented (Mcf) Details	Cause: Equipment Failure   Valve   Natural Gas Vented   Spilled: 80 Mcf   Recovered: 0 Mcf   Lost: 80 Mcf
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	The water dump valve on the heater malfunctioned and sent gas to the water tank. The tank vented through the enardo valve, thief hatch was still latched closed.
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	This type of equipment failure is extremely unpredictable.
Steps taken to limit the duration and magnitude of venting or flaring	Chevron field personnel shut in production and repaired the dump valve.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Chevron field personnel shut in production and repaired the dump valve.

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CONDITIONS  
  
Action 29358

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Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 29358
	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.	6/1/2021