



Jessica Zemen  
Lead Environmental Specialist, Field Support

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Volume for Emission Event:

Time of Discovery

05/20/2022 06:04 AM

Event Start Date

05/20/2022

Event Start Time

06:04 AM

Event End Time

05/20/2022 05:20 PM

Event Duration Actual (hours)

1.13

Gas Released (mscf)

163



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#### Gas Analysis for Emission Event:

Sample ID	83967.001
Sample Date	10/16/2018
Sample Description	Sales Gas
Low Heating Value (btu per scf)	1138
Hydrogen Sulfide (H <sub>2</sub> S) mol%	0.001
Nitrogen (N <sub>2</sub> ) mol%	3.513
Carbon Dioxide (CO <sub>2</sub> ) mol%	7.394
Methane (CH <sub>4</sub> ) mol%	72.152
Ethane (C <sub>2</sub> H <sub>6</sub> ) mol%	9.096
Propane (C <sub>3</sub> H <sub>8</sub> ) mol%	4.569
Iso-Butane (C <sub>4</sub> H <sub>10</sub> ) mol%	0.566
N-Butane (C <sub>4</sub> H <sub>10</sub> ) mol%	1.322
Iso-Pentane (C <sub>5</sub> H <sub>12</sub> ) mol%	0.36
n-Pentane (C <sub>5</sub> H <sub>12</sub> ) mol%	0.37
Hexanes (C <sub>6</sub> H <sub>14</sub> ) mol%	0.333
Heptanes + (C <sub>7</sub> H <sub>16</sub> ) mol%	0.325
2,2,4-Trimethylpentane (C <sub>8</sub> H <sub>18</sub> ) mol%	
n-Hexane (C <sub>6</sub> H <sub>14</sub> ) mol%	0.127
Benzene (C <sub>6</sub> H <sub>6</sub> ) mol%	0.031
Ethyl-Benzene (C <sub>8</sub> H <sub>10</sub> ) mol%	0.002
Xylene (C <sub>8</sub> H <sub>10</sub> ) mol%	0.005
Toluene (C <sub>7</sub> H <sub>8</sub> ) mol%	0.025



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Volume for Emission Event:

Time of Discovery

05/20/2022 06:29 AM

Event Start Date

05/20/2022

Event Start Time

06:29 AM

Event End Time

05/20/2022 07:28 AM

Event Duration Actual (hours)

0.9833

Gas Released (mscf)

7.283



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#### Gas Analysis for Emission Event:

Sample ID
83967.031
Sample Date
10/16/2018
Sample Description
Flash Gas
Low Heating Value (btu per scf)
2250
Hydrogen Sulfide (H <sub>2</sub> S) mol%
0.001
Nitrogen (N <sub>2</sub> ) mol%
0.24
Carbon Dioxide (CO <sub>2</sub> ) mol%
4.426
Methane (CH <sub>4</sub> ) mol%
26.421
Ethane (C <sub>2</sub> H <sub>6</sub> ) mol%
19.943
Propane (C <sub>3</sub> H <sub>8</sub> ) mol%
22.079
iso-Butane (C <sub>4</sub> H <sub>10</sub> ) mol%
3.759
N-Butane (C <sub>4</sub> H <sub>10</sub> ) mol%
9.781
iso-Pentane (C <sub>5</sub> H <sub>12</sub> ) mol%
3.408
n-Pentane (C <sub>5</sub> H <sub>12</sub> ) mol%
3.727
Hexanes (C <sub>6</sub> H <sub>14</sub> ) mol%
3.291
Heptanes + (C <sub>7</sub> H <sub>16</sub> ) mol%
2.897
2,2,4-Trimethylpentane (C <sub>8</sub> H <sub>18</sub> ) mol%
n-Hexane (C <sub>6</sub> H <sub>14</sub> ) mol%
1.293
Benzene (C <sub>6</sub> H <sub>6</sub> ) mol%
0.267
Ethyl-Benzene (C <sub>8</sub> H <sub>10</sub> ) mol%
0.01
Xylene (C <sub>8</sub> H <sub>10</sub> ) mol%
0.023
Toluene (C <sub>7</sub> H <sub>8</sub> ) mol%
0.192

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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 111629

DEFINITIONS

Operator:  CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:  4323
	Action Number:  111629
	Action Type:  [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

<p>For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:</p> <ul style="list-style-type: none"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul>
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QUESTIONS

Action 111629

**QUESTIONS**

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 111629
	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 with the rest of the questions.

Incident Well	Not answered.
Incident Facility	[fAPP2132254611] Culebra Bluff Section 26 Compressor Station

**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 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	No
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 venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.

Was there at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of <b>ANY</b> 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
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	26
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	10
Carbon Dioxide (CO2) percentage, if greater than one percent	0
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.

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QUESTIONS, Page 2  
  
Action 111629

QUESTIONS (continued)

Operator:  CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:  4323
	Action Number:  111629
	Action Type:  [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	05/20/2022
Time vent or flare was discovered or commenced	06:04 AM
Time vent or flare was terminated	05:20 PM
Cumulative hours during this event	2

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Equipment Failure   Gas Compressor Station   Natural Gas Vented   Released: 7 Mcf   Recovered: 0 Mcf   Lost: 7 Mcf ]
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure   Gas Compressor Station   Natural Gas Flared   Released: 163 Mcf   Recovered: 0 Mcf   Lost: 163 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 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	Intermittent flaring and venting events occurred throughout the day due to compressor units 801 and 803 shutdown on a high first stage discharge temperature. The total duration of these events are 2.11 hours.
Steps taken to limit the duration and magnitude of vent or flare	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 vent or flare	Corrective measures focused on reducing gas production as quickly and safely as possible to minimize the duration and volume of gas flared and vented.

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ACKNOWLEDGMENTS

Action 111629

**ACKNOWLEDGMENTS**

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**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	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 a <b>complete</b> C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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 111629

**CONDITIONS**

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 111629
	Action Type: [C-129] Venting and/or Flaring (C-129)

**CONDITIONS**

Created By	Condition	Condition Date
jzemen	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.	5/27/2022