



Jessica Zemen
Lead Environmental Specialist, Field Support

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

Volume for Emission Event:

Date of discovery	Time of Discovery or Schedule Activity St	Date of start of event or Schedule	Time of Start of Event or Schedule Activity St	Date of end of event or Schedule Activity E	Time of est. or actual end of event or Scheduled	Duration of Event in Hour	Vent or Flare	Value	Units
6/8/2022	13:40:00	6/8/2022	13:40:00	6/8/2022	15:35:00	1.92	Flare	1210	mscf/event
6/8/2022	14:00:00	6/8/2022	14:00:00	6/9/2022	8:00:00	4.50	Vent	12.67	mscf/event
6/8/2022	13:45:00	6/8/2022	13:45:00	6/8/2022	14:36:00	0.85	Vent	2.69	mscf/event
6/8/2022	13:45:00	6/8/2022	13:45:00	6/8/2022	15:35:00	0.11	Vent	228.7	mscf/event



Jessica Zemen
Lead Environmental Specialist, Field Support

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

Gas Analysis for Flare Emission Event:

I. Gas Sample Selection	Is a gas analysis for this release of gas available?	
	Sample ID #	83968.041
II. Gas Sample Characteristics	Sample Date	10/17/2018
	Sample Description	Inlet Gas Analysis
	Low Heating Value (BTU/SCF)	1353
	H ₂ S (mol%) ^[1]	0.001
	Nitrogen (mol%)	0.617
	CO ₂ (mol%)	0.155
	Methane (mol%)	75.440
	Ethane (mol%)	11.622
	Propane (mol%)	5.382
	Iso-Butane (mol%)	0.961
	N-Butane (mol%)	2.071
	iso-Pentane (mol%)	0.690
	n-Pentane (mol%)	0.794
	Hexanes (mol%)	0.915
	Heptanes + (mol%)	1.348
	2,2,4-trimethylpentane (mol%)	
	n-Hexane (mol%)	0.172
	Benzene (mol%)	0.018
	Ethyl-Benzene (mol%)	0.002
	Xylene (mol%)	0.016
	Toluene (mol%)	0.042



Jessica Zemen
Lead Environmental Specialist, Field Support

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

Gas Analysis for Vent Emission Event:

I. Gas Sample Selection	Is a gas analysis for this release of gas available?	Yes
	Sample ID #	83968.031
II. Gas Sample Characteristics	Sample Date	10/17/2018
	Sample Description	Flash Gas Analysis
	Low Heating Value (BTU/SCF)	2228
	H ₂ S (mol%) ¹⁰	0.001
	Nitrogen (mol%)	0.083
	CO ₂ (mol%)	0.145
	Methane (mol%)	23.738
	Ethane (mol%)	27.838
	Propane (mol%)	23.458
	Iso-Butane (mol%)	4.725
	N-Butane (mol%)	10.030
	iso-Pentane (mol%)	2.824
	n-Pentane (mol%)	2.952
	Hexanes (mol%)	2.141
	Heptanes + (mol%)	2.008
	2,2,4-trimethylpentane (mol%)	
	n-Hexane (mol%)	0.861
	Benzene (mol%)	0.035
	Ethyl-Benzene (mol%)	0.002
	Xylene (mol%)	0.015
	Toluene (mol%)	0.048

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

DEFINITIONS

Action 118514

DEFINITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 118514
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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: <ul style="list-style-type: none">• 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.
--

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 118514

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 118514
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 Operator	[4323] CHEVRON U S A INC
Incident Type	Flare
Incident Status	Closure Not Approved
Incident Well	Not answered.
Incident Facility	[fAPP2123739359] HY NM Section 10 CTB and Compressor Stations

Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.

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, major 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 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
Was the vent or flare within an incorporated municipal boundary or within 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	75
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.

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, Page 2

Action 118514

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 118514
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	06/08/2022
Time vent or flare was discovered or commenced	01:40 PM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	7

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: 244 Mcf Recovered: 0 Mcf Lost: 244 Mcf]
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure Gas Compressor Station Natural Gas Flared Released: 1,210 Mcf Recovered: 0 Mcf Lost: 1,210 Mcf]
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Start Date: 6/8/2022 Start Time: 13:40 End Date: 6/9/2022 End Time: 8:00
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	Compressor station underwent an equipment malfunction at the slug catcher that resulted the station to shutdown from a high discharge pressure. This shutdown resulted in both a flaring and venting events. The flaring duration was 1.92 hours and intermittent venting was 5.46 hours. The total duration for this emission event was 7.38 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.

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

ACKNOWLEDGMENTS

Action 118514

ACKNOWLEDGMENTS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 118514
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.
<input checked="" type="checkbox"/>	I hereby certify the statements in this amending 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.

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 118514

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 118514
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
jzemen	If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	6/19/2022