

Low Heating Value (btu per scf)

1461

Hydrogen Sulfide (H₂S) mol%

0.001

Nitrogen (N₂) mol%

2.2

Carbon Dioxide (CO₂) mol%

15.067

Methane (CH₄) mol%

49.681

Ethane (C₂H₆) mol%

10.621

Propane (C₃H₈) mol%

8.501

Iso-Butane (C₄H₁₀) mol%

1.572

N-Butane (C₄H₁₀) mol%

4.796

Iso-Pentane (C₅H₁₂) mol%

1.919

n-Pentane (C₅H₁₂) mol%

2.07

Hexanes (C₆H₁₄) mol%

0.954

Heptanes + (C₇H₁₆) mol%

0.639

2,2,4-Trimethylpentane (C₈H₁₈) mol%

0.04

n-Hexane (C₆H₁₄) mol%

0.562

Benzene (C₆H₆) mol%

0.377

Ethyl-Benzene (C₈H₁₀) mol%

0.015

Xylene (C₈H₁₀) mol%

0.031

Toluene (C₇H₈) mol%

0.249

GS_Gas Sample Total

99.295

Received by OCD: 9/25/2025 9:23:37 AM							
			Start Time	End Time		Methane Rate [kg/hr]	Event Duration [hr]
			8/10/2025 10:02	9/12/2025 13:07		63.00	238.2833333
Gas Analysis:							
Component		mol%	MW	CALC	Emissions [lbs/hr]	[Kg/hr]	
Water			18.02	0	0.00	0.00	
Hydrogen Sulfide (H2S) mol%		0.001	34.08	8.98024E-07	0.00	0.00	
Nitrogen (N2) mol%		3.3265	28.01	0.002455211	12.14	5.50	
Carbon Dioxide (CO2) mol%		11.2439	44.01	0.013039369	64.45	29.23	
Methane (CH4) mol%		66.3837	16.04	0.028057827	138.92	63.00	
Ethane (C2H6) mol%		9.5614	30.07	0.007576055	37.45	16.98	
Propane (C3H8) mol%		5.2851	44.09	0.006140186	30.35	13.76	
iso-Butane (C4H10) mol%		0.6995	58.12	0.001071276	5.30	2.40	
N-Butane (C4H10) mol%		1.7084	58.12	0.002616395	12.93	5.87	
iso-Pentane (C5H12) mol%		0.4728	72.15	0.000898881	4.443036581	2.014982577	
n-Pentane (C5H12) mol%		0.4691	72.15	0.000891846	4.408266625	1.999213889	
Hexanes (C6H14) mol%		0.319	86.17	0.000724328	3.58	1.623694307	
cyclohexane			86.17	0	0	0	
methylcyclohexane			86.17	0	-	0	
Heptanes + (C7H16) mol%		0.249	100.2	0.000657439	3.249624305	1.473752519	
(Octanes under Heptanes+)			100.2	0	0	0	
2,2,4-Trimethylpentane (C8H18) mol%		0.0106	114.22	3.19033E-05	0.157693614	0.071516378	
n-Hexane (C6H14) mol%		0.1484	86.17	0.00033696	1.665543882	0.755348699	
Benzene (C6H6) mol%		0.0577	78.11	0.00011876	0.587014105	0.266219549	
Ethyl-Benzene (C8H10) mol%		0.0036	106.16	1.00705E-05	0.05	0.02	
Xylene (C8H10) mol%		0.008	106.16	2.23789E-05	0.11	0.05	
Toluene (C7H8) mol%		0.0506	92.13	0.00012284	0.61	0.28	
Gas Sample Total mol%							

Total Gas Rates			Flammable Gas
[scf/hr]	[mscf/hr]	[Kg/hr]	[Kg/hr]
4,942.85	4.94	145.30	110.57
Emission Rates			
VOC	67.44	lbs/hr	1618.48 lbs/day
H2S	0.004	lbs/hr	0.11 lbs/day
Benzene	0.587	lbs/hr	14.09 lbs/day
Total Gas Released			Flammable Gas
[scf]	[mscf]	[Kg]	[Kg]
1,177,799.95	1,177.80	34,623.05	26,346.14
Emissions Released			
VOC	16,069.04	lbs	1,618.48 lbs/24 hrs
H2S	1.06	lbs	0.11 lbs/24 hrs
Benzene	139.88	lbs	14.09 lbs/24 hrs

Sante Fe Main Office
Phone: (505) 476-3441

General Information
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Online Phone Directory
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Action 509331

DEFINITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 509331
	Action Type: [C-129] Venting and/or Flaring (C-129)

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:

- 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.

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QUESTIONS

Action 509331

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 509331
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites <i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	Unavailable.
Incident Facility	[fAPP2213779829] Dagger Lake Section 4 Compressor Station

Determination of Reporting Requirements <i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
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	Yes
Is this considered a submission for a vent or flare event	Yes, major venting and/or flaring of natural gas.
<i>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.</i>	
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 withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	Gas Compressor Station
Additional details for Equipment Involved. Please specify	Malfunction of pilot light and fuel gas regulator on flare.

Representative Compositional Analysis of Vented or Flared Natural Gas <i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	66
Nitrogen (N2) percentage, if greater than one percent	3
Hydrogen Sulfide (H2S) PPM, rounded up	10
Carbon Dioxide (CO2) percentage, if greater than one percent	11
Oxygen (O2) percentage, if greater than one percent	0
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
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 509331

QUESTIONS (continued)

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	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	08/10/2025
Time vent or flare was discovered or commenced	09:02 AM
Time vent or flare was terminated	10:00 PM
Cumulative hours during this event	805

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: 1,178 Mcf Recovered: 0 Mcf Lost: 1,178 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 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	Release was detected due to voluntary methane monitoring and root cause was determined to be a malfunction of the pilot gas regulator valve.
Steps taken to limit the duration and magnitude of vent or flare	Malfunctioning component was repaired upon discovery to minimize venting.
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 vented.

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ACKNOWLEDGMENTS

Action 509331

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	Action Number: 509331
	Action Type: [C-129] Venting and/or Flaring (C-129)

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 complete 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 509331

CONDITIONS

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	Action Number: 509331
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
bbauman	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.	9/25/2025