

Gas Composition and Properties

Effective August 1, 2023 00:00 - January 18, 2038 21:14

Source #: 0233152

Name: Grobe Inlet

Component	Mole %	Liquid Content	Mass %	Property	Total Sample
Carbon Dioxide (CO2)	1.7085		3.1922	Pressure Base	14.65
Nitrogen (N2)	1.7437		2.0738	Temperature Base	60
Methane (C1)	72.6365		49.4709	HCDP @ Sample Pressure	
Ethane (C2)	10.4098	2.7802	13.2888	Cricondentherm	
Propane (C3)	6.7996	1.8707	12.7293	HV, Dry @ Base P, T	1337.53
Isobutane (IC4)	0.7196	0.2352	1.7757	HV, Sat @ Base P, T	1314.12
n-Butane (NC4)	2.6705	0.8408	6.5896	HV, Sat @ Sample P, T	1295.79
Isopentane (IC5)	0.6110	0.2231	1.8715	Relative Density	0.8165
n-Pentane (NC5)	0.9120	0.3301	2.7935		
Hexanes Plus (C6+)	1.3812	0.6155	5.6249		
Argon (Ar)					
Carbon Monoxide (CO)					
Hydrogen (H2)					
Oxygen (O2)					
Helium (He)					
Water (H2O)					
Hydrogen Sulfide (H2S)	0.4076		0.5898	C6+: 48 - 36 - 17	
Totals	100.0000	6.8950	100.0000		

Sample

Date: 08/10/2023

Type:

Tech: John Britt

Pressure:

22.8 psi

Temp.:

91 °F

Gauge:

H2O:

Atm. Pressure:

H2S:

4,076 ppm

Remarks:

Analysis

Date:

Instrument:

Tech:

Cylinder:

Remarks:

*** End of Report ***

Meter ID: 0233151

Location GROBE FLARE

VRSDO.UIS

	DP	SP	Temp	Volume	Energy
	inH2O	psi	F	MCF	MBTU
1/8/24 0:00	0.000	28.030	48.965	0.000	0.000
1/8/24 1:00	0.000	28.158	48.265	0.000	0.000
1/8/24 2:00	0.000	28.051	46.792	0.000	0.000
1/8/24 3:00	0.000	28.150	43.882	0.000	0.000
1/8/24 4:00	0.000	28.290	42.285	0.000	0.000
1/8/24 5:00	0.000	28.296	41.392	0.000	0.000
1/8/24 6:00	0.000	28.313	39.716	0.000	0.000
1/8/24 7:00	0.000	28.452	38.082	0.000	0.000
1/8/24 8:00	18.459	34.282	47.298	16.415	20889.870
1/8/24 9:00	18.402	34.147	52.544	51.506	65546.930
1/8/24 10:00	35.736	33.491	52.888	16.194	20608.150
1/8/24 11:00	0.000	32.878	48.801	0.000	0.000
1/8/24 12:00	0.000	29.491	49.367	0.000	0.000
1/8/24 13:00	0.000	23.813	50.969	0.000	0.000
1/8/24 14:00	0.000	22.162	50.055	0.000	0.000
1/8/24 15:00	0.000	20.981	47.862	0.000	0.000
1/8/24 16:00	0.000	20.328	43.569	0.000	0.000
1/8/24 17:00	0.000	19.762	39.932	0.000	0.000
1/8/24 18:00	0.000	19.520	37.887	0.000	0.000
1/8/24 19:00	0.000	19.286	35.212	0.000	0.000
1/8/24 20:00	0.000	19.080	31.631	0.000	0.000
1/8/24 21:00	0.000	18.876	29.104	0.000	0.000
1/8/24 22:00	0.000	18.794	28.028	0.000	0.000
1/8/24 23:00	0.000	18.567	27.526	0.000	0.000

Avg/Total:

3.02

25.47

42.59

84.1152

107044.9500

[illegible]

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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 302160

DEFINITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 302160
	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: <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.
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QUESTIONS

Action 302160

QUESTIONS

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	Action Number: 302160
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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	Unavailable.
Incident Facility	[fAPP2122936830] Grobe CS

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 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	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	73
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	2
Oxygen (02) 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 Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (02) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 302160

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	01/08/2024
Time vent or flare was discovered or commenced	08:51 AM
Time vent or flare was terminated	10:06 AM
Cumulative hours during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure Gas Compressor Station Natural Gas Flared Released: 84 Mcf Recovered: 0 Mcf Lost: 84 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	A compressor unit at Grobe compressor station experienced a governor malfunction. This caused gas to be routed to flare.
Steps taken to limit the duration and magnitude of vent or flare	Targa maintenance personnel troubleshot the unit and replaced the governor. This was done as expeditiously as possible.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The governor on the compressor unit was replaced and the emission event ended.

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ACKNOWLEDGMENTS

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	Action Number: 302160
	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

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	Action Number: 302160
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
amberg	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.	1/10/2024