

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	Pressure	159 psig
Location	Red Hills Processing Complex	Sample Temp	N/A
Site	Red Hills 2	Atm Temp	65 F
Site Type	Plant	Collection Date	05/16/2023
Sample Point	Cryo Residue Gas	Collection Time	7:39 AM
Spot/Comp	Spot	Collection By	Mike McKinney
Meter ID		Pressure Base	14.730 psi
Purchaser		Temperature Base	60 F
Fluid	Gas	Container(s)	PL2382

GPA 2261 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	2.273	3.797	0.250
CARBON DIOXIDE	CO2	0.065	0.171	0.011
HYDROGEN SULFIDE	H2S	0.000	0.000	0.000
METHANE	C1	94.726	90.624	16.089
ETHANE	C2	2.802	5.025	0.751
PROPANE	C3	0.117	0.308	0.032
I-BUTANE	iC4	0.007	0.024	0.002
N-BUTANE	nC4	0.004	0.014	0.001
I-PENTANE	iC5	0.000	0.000	0.000
N-PENTANE	nC5	0.000	0.000	0.000
HEXANES PLUS	C6+	0.006	0.037	0.003
TOTALS:		100.000	100.000	17.139

Value of "0.000" in fractional interpreted as below detectable limit.

If Onsite H2S testing is performed, its resulting value is used in fractional table

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.789	0.038	0.006	0.003	0.004	0.003

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	1,014.38	0.580	0.998	16.769	1,331.99
WATER SATURATED	997.92	0.581	0.998	16.478	

Onsite Testing by Stain Tube

METHOD	TYPE	MEAS VALUE	MOL%	GRAINS/100	PPMV
GPA2377	H2S	0.00 PPMV	0.0000	0.00	0.0

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.



Please submit this form by the 5th business day of the month following the month the vent/blowdown occurred. Please submit a separate form for each site. All sections should be filled out by field personnel. **All red fields per event must be entered to calculate volumes correctly!** **All yellow fields should be entered if known for increased accuracy.**

Balance/Lateral	FRAC CAT BALANCE VENT BD	Event Month	May
CS/Plant		Event Day	31
Employee Name	Aaron Smith	Event Year	2023

Calculated (Pipeline) Volumes							
Blowdown(s)				Purge/Vent			
Reference Meter Number		Blowdown (MCF)	9.69	Reference Meter Number		Volume Lost (MCF)	63.74
Pipe ID (in)	16in Sch. 30	Length (Feet)	100.00	Beginning Date & Time	05/31/2023 1200	Vent Duration (Hours)	0.33
Begin Press. (PSIG)	930.00	End Press. (PSIG)	0.00	Ending Date & Time	05/31/2023 1220	Gas Temp	
Gas Temp.		Specific Gravity		Pipe ID (in)	16in Sch. 30	Specific Gravity	
Elevation (ft)				Orifice Size (in)	2	Elevation (ft)	
				Avg Pressure	40.00		
Reference Meter Number		Blowdown (MCF)		Reference Meter Number		Volume Lost (MCF)	
Pipe ID (in)		Length (Feet)		Beginning Date & Time		Vent Duration (Hours)	
Begin Press. (PSIG)		End Press. (PSIG)		Ending Date & Time		Gas Temp	
Gas Temp.		Specific Gravity		Pipe ID (in)		Specific Gravity	
Elevation (ft)				Orifice Size (in)		Elevation (ft)	
				Avg Pressure			
Reference Meter Number		Blowdown (MCF)		Reference Meter Number		Volume Lost (MCF)	
Pipe ID (in)		Length (Feet)		Beginning Date & Time		Vent Duration (Hours)	
Begin Press. (PSIG)		End Press. (PSIG)		Ending Date & Time		Gas Temp	
Gas Temp.		Specific Gravity		Pipe ID (in)		Specific Gravity	
Elevation (ft)				Orifice Size (in)		Elevation (ft)	
				Avg Pressure			

Known (Station) Volumes					
Volumes must be known to calculate correctly!					
Type of Blowdown	Number of Occurrences		Known Volume (MCF) Blowdown		Volume (MCF)
		Multiplied by		Equals	
		Multiplied by		Equals	
		Multiplied by		Equals	

Total Volume (MCF): 73.43

Comments:

ne was isolated and de-pressured at 9am (5.31.2023) and ending at 9:15am (5.31.2023). On Wednesday 05.31.2023 at 12:00 pm, Pipeline

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State of New Mexico
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DEFINITIONS

Action 228325

DEFINITIONS

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 228325
	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 228325

QUESTIONS

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	Action Number: 228325
	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	Unavailable.
Incident Facility	[fAPP2123031392] TARGA NORTHERN DELAWARE, LLC.

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	No
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	Other (Specify)
Additional details for Equipment Involved. Please specify	Residue Fuel Gas Filter

Representative Compositional Analysis of Vented or Flared Natural Gas Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	95
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	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 Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 228325

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	05/31/2023
Time vent or flare was discovered or commenced	09:00 AM
Time vent or flare was terminated	12:20 PM
Cumulative hours during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Midstream Scheduled Maintenance Other (Specify) Natural Gas Vented Released: 73 Mcf Recovered: 0 Mcf Lost: 73 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	Gas was vented to protect personnel and equipment when the residue filter housing at Thistle Compressor Station was isolated and depressurized to perform filter replacements. These filters are changed semi-annually or when the differential pressure reaches 10 psi.
Steps taken to limit the duration and magnitude of vent or flare	The residue filter housing was isolated and depressurized. The filters were replaced with new and the vessel was purged of oxygen. Once the oxygen was cleared, the filter housing was put back into service.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The filters were replaced and the residue filter housing was put back into service. The total duration of the event was 35 minutes.

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ACKNOWLEDGMENTS

Action 228325

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	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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CONDITIONS

Created By	Condition	Condition Date
jfuentes	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.	6/15/2023