



## Analysis

Meter ID: 118110013 Lease Name: Brininstool Suction  
Effective Date: 05/01/2021 Producer:  
Line Pressure: 374 Line Flow Rate: 0  
Line Temperature: 118 Analysis Type:  
Analysis Use: Accounting Analysis Pressure Base: 14.65  
Analysis Date: 04/28/2021 Analyzed By:  
Sampled By: Sample Taken Date: 04/28/2021  
Sample Type: SPOT Cylinder Number:

[Back to Analysis List](#)  
Last Modified 5/31/2021 10:04:49 AM by

## Composition

	Mol %	GPM
Nitrogen:	2.1651	
Carbon Dioxide:	4.2928	
Oxygen:	0	
Water:	0	
Hydrogen Sulfide:	0.0201	
Helium:	0	
Methane:	71.8464	
Ethane:	11.3918	3.041
Propane:	6.1518	1.692
Isobutane:	0.8009	0.262
Normal Butane:	1.9348	0.609
Isopentane:	0.4559	0.166
Normal Pentane:	0.4648	0.168
Hexanes:	0.4756	0.212
Heptanes:	0	0
Octanes:	0	0
Total:	100	6.15

[Hide all composition fields](#)

## Sample Condition

Condition	Real BTU/SCF	Ideal BTU/SCF	Relative Density	Compressibility (Z)
Water Saturated:	1212.56	0	0.7926	0
Dry:	1234.157	0	0	0
As Delivered:	0	0	0	0
Water Content (lb/mmcf):				
0				
26# GPM:				
0.799				

[Hide all sample condition fields](#)

Comments:

Facility : Copperhead Discharge Valve 20 in.

Date : 7.8.21

Enter data in shaded fields to calculate gas volumes released due to leak and blowdown of system.

Hours of leak =		Is this a pipeline purge event?	Yes
Diameter of hole (inches) =		Example:	
Upstream Pressure =		Leak for 4 (est) hours out of a 1/4 inch hole with line pressure of 750 psig	
Volume of gas (mcf/hr) loss is equal to the hole diameter squared times the upstream pressure absolute. *			
Volume of Gas Leaked =	0.00 Mcf	Purge Volume:	
Footage of Pipe blowdown =	3028		
Initial line pressure =	1063	Calculated factor for line pack =	158.301
Diameter of Pipe (inches) =	20		
Volume of Gas BlownDown =	479.3358 Mcf	Example:	
		Loss of gas due to blowdown of 3028 ' of 20 inch at initial pressure 1063	
		psig	
Total Volume of Gas Loss =	479.34 Mcf		
Comments:			
Name :	Title :		
* Pipeline Rules of Thumb Handbook /2nd Edition			

**District I**

1625 N. French Dr., Hobbs, NM 88240  
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**District IV**

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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**

QUESTIONS

Action 35843

**QUESTIONS**

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 35843
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS****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 or is this venting or flaring caused by an emergency or malfunction	Yes
Did or will this venting or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a notification of a major venting or flaring	Yes, minor venting or flaring of natural gas.
<b>The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.13.297 NMAC.</b>	
Was there or will there be at least 50 MCF of natural gas vented or flared during this event	Yes
Did this venting or flaring 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

**Unregistered Facility Site**

Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (##) yet.

Facility or Site Name	Copperhead Valve Gasket Replacement
Facility Type	Natural Gas Gathering System - (GGS)

**Equipment Involved**

Primary Equipment Involved	Gasket
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	72
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	4
Oxygen (O2) percentage, if greater than one percent	0
<b>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</b>	
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.

**Date(s) and Time(s)**

Date venting or flaring was discovered or commenced	07/08/2021
Time venting or flaring was discovered or commenced	08:00 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	07/08/2021
Time venting or flaring was terminated	08:00 AM
Total duration of venting or flaring in hours, if venting or flaring has terminated	0
Longest duration of cumulative hours within any 24-hour period during this event	0

**Measured or Estimated Volume of Vented or Flared Natural Gas**

Natural Gas Vented (Mcf) Details	Cause: Equipment Failure   Gasket   Natural Gas Vented   Spilled: 479 Mcf   Recovered: 0 Mcf   Lost: 479 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 Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

**Venting or Flaring Resulting from Downstream Activity**

Was or is this venting or flaring a result of downstream activity	Not answered.
Date notified of downstream activity requiring this venting or flaring	Not answered.
Time notified of downstream activity requiring this venting or flaring	Not answered.

**Steps and Actions to Prevent Waste**

For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	Gasket failed - no OEM practices
Steps taken to limit the duration and magnitude of venting or flaring	Blowdown of pipeline to replace gasket.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	No corrective actions required.

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CONDITIONS  
  
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Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 35843
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
system	If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event.	7/9/2021