

Monthly Meter Analysis

August 2021

Targa Pipeline Company

Meter #: 1181267
Name: Cordoniz 28 Fed Com 4H

Sample

Date: 11/06/2020
Type: Spot
Pressure: 52.6 H2O:
Temperature: 80.7 H2S: 0 ppm

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	0.1411		0.2394
Nitrogen, N2	3.9804		4.2984
Methane, C1	61.1412		37.8118
Ethane, C2	15.5490	4.1572	18.0235
Propane, C3	11.3204	3.1179	19.2431
Isobutane, iC4	1.2264	0.4012	2.7479
n-Butane, nC4	3.7107	1.1695	8.3141
Isopentane, iC5	0.8016	0.2931	2.2295
n-Pentane, nC5	0.8521	0.3088	2.3699
Hexanes Plus, C6+	1.2771	0.5697	4.7224
Argon, Ar			
Carbon Monoxide, CO			
Hydrogen, H2			
Oxygen, O2			
Helium, He			
Water, H2O			
Hydrogen Sulfide, H2S	0.0000		0.0000
Totals	100.0000	10.0174	100.0000

Property	Total Sample
Pressure Base	14.650
Temperature Base	60.00
Relative Density	0.9002
HV, Dry @ Base P,T	1475.42
HV, Sat @ Base P, T	1449.60
HV, Sat @ Sample P, T	
Cricondentherm	
HCDP @ Sample Pressure	
Full Wellstream	
Free Water	
Condensate	
26 # RVP Gasoline	1.781
Testcar Permian	1.264
Testcar Panhandle	1.314
Testcar Midcon	1.116

*** End of Report ***

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

Hours of leak =	3.25	Example:
Diameter of hole (inches) =	0.798	Leak for 4 (est) hours out of a 1/4 inch hole with line pressure of 750 psig
Upstream Pressure =	57	
Volume of gas (mcf/hr) loss is equal to the hole diameter squared times the upstream pressure absolute. *		
Volume of Gas Leaked =	148.39 Mcf	

Footage of Pipe blowdown =	20592	
Initial line pressure =	57	Calculated factor for line pack = 2.660
Diameter of Pipe (inches) =	10	
Volume of Gas BlownDown =	54.78 Mcf	Example: Loss of gas due to blowdown of 7 miles of 12 inch at initial pressure 51 psig
Total Volume of Gas Loss =	203.17 Mcf	Reportable 50 Mcf
		Immediate Notification 500 Mcf

Comments:

Name : Joseph Tillman Austin Title : Environmental Specialist

* Pipeline Rules of Thumb Handbook /2nd Edition

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
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District III

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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 52413

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 52413
	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	Not answered.
Incident Facility	[fAPP2123021777] Targa NM Gathering System

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 and/or flaring caused by an emergency or malfunction	Yes
Did or will this venting and/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 venting and/or flaring 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 or will there be at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this venting and/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
Was the venting and/or flaring 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	61
Nitrogen (N2) percentage, if greater than one percent	4
Hydrogen Sulfide (H2S) PPM, rounded up	0
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.

Date(s) and Time(s)

Date venting and/or flaring was discovered or commenced	09/22/2021
Time venting and/or flaring was discovered or commenced	11:00 AM
Time venting and/or flaring was terminated	02:15 PM
Cumulative hours during this event	3

Measured or Estimated Volume of Vented or Flared Natural Gas

Natural Gas Vented (Mcf) Details	Cause: Equipment Failure Pipeline (Any) Natural Gas Vented Released: 203 Mcf Recovered: 0 Mcf Lost: 203 Mcf
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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 or is this venting and/or flaring a result of downstream activity	Not answered.
Was notification of downstream activity received by you or your operator	Not answered.
Downstream OGRID that should have notified you or your operator	Not answered.
Date notified of downstream activity requiring this venting and/or flaring	Not answered.
Time notified of downstream activity requiring this venting and/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	Field gas was vented to atmosphere when Targa's 10 inch poly pipeline became exposed above ground due to soil erosion. This exposure to sunlight caused the section of pipeline to fail prematurely.
Steps taken to limit the duration and magnitude of venting and/or flaring	Upon discovery, the section of pipeline was isolated and depressurized to safely make repairs.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	The damaged section of pipeline was replaced and was verified to be safe to operate. When the line was verified, the line was buried to the required depth to ensure that the problem does not reoccur.

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
tillmana	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.	9/28/2021