

Monthly Meter Analysis

July 2021

Targa Pipeline Company

Meter #: 913
Name: J & J Services St. Dy #1

Sample
Date: 12/11/2019
Type: Spot
Pressure: 11.0 H2O:
Temperature: H2S: 174ppm

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	0.2971		0.5158
Nitrogen, N2	3.4008		3.7580
Methane, C1	65.5192		41.4616
Ethane, C2	12.4674	3.3326	14.7877
Propane, C3	9.6571	2.6592	16.7976
Isobutane, iC4	1.2784	0.4181	16.7976
n-Butane, nC4	3.6995	1.1658	8.4819
Isopentane, iC5	1.0501	0.3839	2.9886
n-Pentane, nC5	1.1347	0.4111	3.2294
Hexanes Plus, C6+	1.4783	0.6593	5.0252
Argon, Ar			
Carbon Monoxide, CO			
Hydrogen, H2			
Oxygen, O2			
Helium, He			
Water, H2O			
Hydrogen Sulfide, H2S	0.0174		0.0234
Totals	100.0000	9.0300	113.8668

Property	Total Sample
Pressure Base	14.650
Temperature Base	60.00
Relative Density	0.8845
HV, Dry @ Base P,T	1456.13
HV, Sat @ Base P, T	1430.65
HV, Sat @ Sample P, T	
Cricondentherm	
HCDP @ Sample Pressure	
Full Wellstream	
Free Water	
Condensate	
26 # RVP Gasoline	2.193
Testcar Permian	
Testcar Panhandle	
Testcar Midcon	

*** End of Report ***

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

Hours of leak =	0.5	Example: Leak for 4 (est) hours out of a 1/4 inch hole with line pressure of 750 psig
Diameter of hole (inches) =	3	
Upstream Pressure =	20	
Volume of gas (mcf/hr) loss is equal to the hole diameter squared times the upstream pressure absolute. *		
Volume of Gas Leaked =	156.15 Mcf	

Footage of Pipe blowdown =	1500	Calculated factor for line pack =
Initial line pressure =	20	
Diameter of Pipe (inches) =	3	

Volume of Gas BlownDown =	0.17 Mcf	Example: Loss of gas due to blowdown of 7 miles of 12 inch at initial pressure 51 psig
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Total Volume of Gas Loss =	156.32 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
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

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 38751

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650 Action Number: 38751 Action Type: [C-129] Venting and/or Flaring (C-129)
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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.
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.	
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	Not answered.
Facility Type	Not answered.

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	66
Nitrogen (N2) percentage, if greater than one percent	3
Hydrogen Sulfide (H2S) PPM, rounded up	174
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 or flaring was discovered or commenced	07/14/2021
Time venting or flaring was discovered or commenced	12:15 PM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	07/14/2021
Time venting or flaring was terminated	12:45 PM
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 Valve Natural Gas Vented Spilled: 156 Mcf Recovered: 0 Mcf Lost: 156 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

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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 released to atmosphere when a 3 inch valve failed on Targa's pipeline. Valves are mechanical components whose lifetime cannot be predetermined. The valve failed catastrophically and broke along a fault line in one of the metal components of the valve.
Steps taken to limit the duration and magnitude of venting or flaring	Upon discovery, field personnel immediately began to isolate the damaged valve and depressurize the pipeline.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Once the pipeline segment in the location of the failed valve was depressurized to atmospheric pressure, field personnel replaced the failed valve. The pipeline was then slowly pressurized and the valve was verified to be working properly. Once the valve was verified to be safe to operate, the pipeline section was returned to service and normal operations resumed.

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CONDITIONS

Action 38751

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Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 38751
	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.	7/29/2021