LAB-NAME	PLANT-NO	METER-NO	PRODUCER	LEASE-NAME	Effective-Date	SAMPLE-TAKEN	SAMPLED-BY	SAMPLE-Type	FIELD-GRAVITY	CYLINDER-NO	LINE-PRESSURE	LINE-FLOWRATE	LINE-TEMP	REPORT-NO	ANALYSIS-DATE	ANALYZED-BY	N2-MOL-PCT	CO2-MOL-PCT	O2-MOL-PCT	H2O-MOL-PCT	H2S-MOL-PCT	He-MOL-PCT	C1-MOL-PCT
Portable GC	146	100042	TARGA RESOURCES	TOWNSEND DISCHARGE	07012021	07202021	DJT	Spot	0.787		0062	0000000	000		07202021	DJT	02.1876	00.9967	00.0000	00.0000	00.0600	00.0000	74.7344

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

Hours of leak =	0.966667
Diameter of hole (inches) =	2
Upstream Pressure =	65

Example:
Leak for 4 (est) hours out of a 1/4 inch hole with line presure 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 = 308.17 Mcf

Footage of Pipe blowndown =	25344
Initial line pressure =	65
Diameter of Pipe (inches) =	16

Calculated factor for line pack =

Example:
Loss of gas due to blowdown of 7 miles of 12 inch at initial pressure 51 psig

Volume of Gas BlownDown = 191.86 Mcf

Reportable	50 Mcf
Immediate Notification	500 Mcf

Total Volume of Gas Loss = 500.03 Mcf

Comments:

Kerry Fortner notified on 7/13/21 about leak.

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
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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 38337

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 38337
	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 addional 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, major 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 19.15.29.7 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 occuring at a facility that does not have an Facility ID (f#) 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	75
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	600
Carbon Dioxide (C02) percentage, if greater than one percent	1
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.*

Date(s) and Time(s)	
Date venting or flaring was discovered or commenced	07/13/2021
Time venting or flaring was discovered or commenced	10:12 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	07/13/2021
Time venting or flaring was terminated	02:00 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	7
Longest duration of cumulative hours within any 24-hour period during this event	7

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Vehicular Accident | Pipeline (Any) | Natural Gas Vented | Spilled: 500 Mcf | Recovered: 0 Mcf | Lost: 500 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	Field gas was vented to atmosphere when a third party doing construction work in the area struck Targa's 16 inch poly gathering line.
Steps taken to limit the duration and magnitude of venting or flaring	Upon discovery, field personnel immediately began to isolate the damaged section of pipeline and depressurize the pipeline to atmospheric pressure. Kerry Fortner of the OCD was notified of the release on 07/13/2021.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	After the damaged section of line had been properly depressurized, field personnel removed the damaged section of pipe and installed new poly pipe. The new section of pipeline was pressurized and checked to verify that the new section of pipeline was working properly. When field personnel verified that the pipeline was safe to operate, the pipeline was returned to service.

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CONDITIONS

Action 38337

CONDITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 38337
	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.	7/28/2021