

Analysis History

0233501 : SOUTH PLANT OUTLET

Effective Date	BTU/SCF Wet Re	BTU/SCF Dry Re	Ranarex SG	SG Wet	SG Dry
4/1/2023	1221.9	1243.2	0.000	0.769	0.774

Sample Analyzed	Sample Taken	Sample psi	Sample Temp	Nitrogen Mol%	Methane Mol%
BMS	4/17/2023	272	0	1.855	74.094

Carbon Dioxide Mol%	Hydrogen Sulfide Mol%	Ethane Mol%	Propane Mol%	Isobutane Mol%
2.587	0.507	10.872	5.852	0.731

Normal butane Mol%	Isopentane Mol%	Normal pentane Mol%	Hexane Mol%	Ethane GPM
1.923	0.466	0.507	0.606	2.8911

Propane GPM	Isobutane GPM	Normal butane GPM	Isopentane GPM	Normal pentane GPM
1.6031	0.238	0.6029	0.1695	0.1826

Hexane GPM
0.2477

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

Footage of Pipe blowdown =	23232
Initial line pressure =	225
Diameter of Pipe (inches) =	18

Calculated factor for line pack = 28.815

Example:

Volume of Gas BlownDown = 669.44 Mcf      Loss of gas due to blowdown of 7 miles of 12 inch at initial pressure 51 psig

Comments:

Name : Amber Groves      Title : Sr. Environmental Specialist

\* Pipeline Rules of Thumb Handbook /2nd Edition

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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**

DEFINITIONS  
  
Action 210128

DEFINITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 210128
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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:

- 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 210128

QUESTIONS

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	Action Number: 210128
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 Operator	[24650] TARGA MIDSTREAM SERVICES LLC
Incident Type	Flare
Incident Status	Closure Not Approved
Incident Well	Unavailable.
Incident Facility	[fAPP2123021777] Targa NM Gathering System

*Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.*

**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, major 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 <b>at least 50 MCF</b> of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of <b>ANY</b> 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	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	74
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	1
Carbon Dioxide (C02) percentage, if greater than one percent	3
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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Action 210128

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/19/2023
Time vent or flare was discovered or commenced	05:05 PM
Time vent or flare was terminated	08:00 PM
Cumulative hours during this event	3

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Midstream Scheduled Maintenance   Pipeline (Any)   Natural Gas Flared   Released: 669 Mcf   Recovered: 0 Mcf   Lost: 669 Mcf.
Other Released Details	Cause:     Other (Specify)   Released: 0 (Unknown Released Amount)   Recovered: 0   Lost: 0 .
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	
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	4.4 miles of Targa Pipeline was depressurized and sent to a portable flare for scheduled maintenance at the Eunice Plant.
Steps taken to limit the duration and magnitude of vent or flare	Line was blown down in as efficient and as safe a manner as possible.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Line blowdowns occur as a preventative measure for scheduled maintenanced and normal operations were resumed as soon as practicable.

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ACKNOWLEDGMENTS

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**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.
<input checked="" type="checkbox"/>	I hereby certify the statements in this amending 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  
  
Action 210128

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	Action Number: 210128
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CONDITIONS

Created By	Condition	Condition Date
amberg	If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	4/24/2023