

## Gas Analysis Report

### Eunice

Plant <b>161</b>	Lab
Producer	Analysis Date <b>7/28/2023 12:00:00 AM</b>
Meter : Lease <b>0223509 : N. Cat Flare</b>	Analyzed By
Effective Date <b>7/1/2023 12:00:00 AM</b>	Report No
Field Gravity <b>0.0000</b>	Sampled By
Line Pressure	Sample Taken <b>7/28/23</b>
Line Flow Rate	Sample Type <b>Spot</b>
Line Temperature	Cylinder No

Analysis Results Calculated at 14.65 psia and 60 degrees F

	<u>Mol %</u>	<u>GPM</u>
Nitrogen	1.685	
Carbon Dioxide	3.385	
Oxygen	0.000	
Water	0.000	
Hydrogen Sulfide	0.721	
Helium	0.000	
Methane	71.864	
Ethane	10.516	2.808
Propane	6.100	1.678
Isobutane	0.817	0.267
Normal Butane	2.145	0.675
IsoPentane	0.584	0.213
Normal Pentane	0.657	0.238
Hexane	1.525	0.679
Heptane	0.000	0.000
Octane	0.000	0.000
<b>Total</b>	<b>100.000</b>	<b>6.559</b>

<u>Condition</u>	<u>Real BTU/scf</u>	<u>Ideal BTU/scf</u>	<u>Relative Density</u>	<u>Compressibility (Z)</u>
Water Saturated	1,275.40	0.00	0.820	0.000
Dry	1,298.12	0.00		0.000
As Delivered	0.00	0.00	0.000	0.000
Water Content (lb/mmascfd)	0.00			
Calculated 26/70 Gasoline gpm	1.732			

Remarks:

Printed from Measurement Repository 8/17/23 3:40:33 PM GMT-05:00

Meter ID: 0223509

Location N. Cat Flare

VRSDO.UIS

	DP	SP	Temp	Volume	Energy
	inH2O	psi	F	MCF	MBTU
8/9/23 0:00	0.000	12.893	83.729	0.000	0.000
8/9/23 1:00	0.000	12.892	83.152	0.000	0.000
8/9/23 2:00	0.000	12.893	81.499	0.000	0.000
8/9/23 3:00	0.000	12.891	79.304	0.000	0.000
8/9/23 4:00	0.000	12.891	78.069	0.000	0.000
8/9/23 5:00	0.000	12.894	76.992	0.000	0.000
8/9/23 6:00	0.000	12.895	76.778	0.000	0.000
8/9/23 7:00	0.000	12.896	80.040	0.000	0.000
8/9/23 8:00	0.000	12.896	87.162	0.000	0.000
8/9/23 9:00	0.000	12.890	96.829	0.000	0.000
8/9/23 10:00	0.000	12.887	109.720	0.000	0.000
8/9/23 11:00	0.000	12.883	115.331	0.000	0.000
8/9/23 12:00	0.000	12.878	119.091	0.000	0.000
8/9/23 13:00	0.518	14.436	115.951	45.509	60117.410
8/9/23 14:00	0.536	14.236	114.608	106.189	140275.200
8/9/23 15:00	0.555	14.233	116.548	107.841	142457.200
8/9/23 16:00	0.552	14.218	117.201	107.460	141954.100
8/9/23 17:00	0.546	14.169	115.241	106.844	141140.900
8/9/23 18:00	0.543	14.156	111.844	106.797	141078.700
8/9/23 19:00	0.549	14.164	108.365	107.755	142344.000
8/9/23 20:00	0.650	14.102	102.095	69.690	92060.740
8/9/23 21:00	0.000	12.856	93.775	0.000	0.000
8/9/23 22:00	0.000	12.861	90.789	0.000	0.000
8/9/23 23:00	0.000	12.870	88.221	0.000	0.000
<b>Avg/Total:</b>	0.19	13.33	97.60	758.0835	1001428.2500

FlowTime
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3600.000
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0.000
0.000
25392.0000

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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
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**Santa Fe, NM 87505**

DEFINITIONS

Action 254012

DEFINITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 254012
	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: <ul style="list-style-type: none"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul>
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QUESTIONS

Action 254012

**QUESTIONS**

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 254012
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

**QUESTIONS**

<b>Prerequisites</b>	
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	[fPAC0728449244] Targa Eunice North Compressor Station
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.	

<b>Determination of Reporting Requirements</b>	
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	Yes
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 at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare 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 vent or flare within an incorporated municipal boundary or within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

<b>Equipment Involved</b>	
Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
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	1
Carbon Dioxide (CO2) 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 Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.



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Action 254012

**QUESTIONS (continued)**

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 254012
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	08/09/2023
Time vent or flare was discovered or commenced	01:34 PM
Time vent or flare was terminated	08:37 PM
Cumulative hours during this event	7

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Midstream Emergency Maintenance   Gas Compressor Station   Natural Gas Flared   Released: 758 Mcf   Recovered: 0 Mcf   Lost: 758 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	Inlet gas was routed to flare as a result of the flare valve sticking open while a pipeline pigging event was taking place. During the Pigging event, the pig was stuck in the pipeline.
Steps taken to limit the duration and magnitude of vent or flare	Operations responded immediately to troubleshoot the cause of the emission event and resolutions were done as expeditiously as possible.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Targa operations personnel removed the stuck pig from the pipeline and fixed the flare valve. Once all steps were taken with the stuck pig and the flare valve, operational parameters returned to normal and the emission event ended.



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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  
  
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	Action Number: 254012
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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.	8/18/2023