

Gas Analysis Report

Eunice

Plant 161	Lab
Producer	Analysis Date 7/28/2023 12:00:00 AM
Meter : Lease 0223509 : N. Cat Flare	Analyzed By
Effective Date 7/1/2023 12:00:00 AM	Report No
Field Gravity 0.0000	Sampled By
Line Pressure	Sample Taken 7/28/23
Line Flow Rate	Sample Type Spot
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
Total	100.000	6.559

<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
8/17/23 0:00	0.000	12.911	84.771	0.000	0.000
8/17/23 1:00	0.000	12.911	83.953	0.000	0.000
8/17/23 2:00	0.000	12.910	83.153	0.000	0.000
8/17/23 3:00	0.000	12.909	82.150	0.000	0.000
8/17/23 4:00	0.000	12.909	81.841	0.000	0.000
8/17/23 5:00	0.000	12.907	81.263	0.000	0.000
8/17/23 6:00	0.000	12.913	80.172	0.000	0.000
8/17/23 7:00	0.000	12.919	83.839	0.000	0.000
8/17/23 8:00	0.000	12.925	90.340	0.000	0.000
8/17/23 9:00	0.000	12.929	98.093	0.000	0.000
8/17/23 10:00	0.000	12.929	111.750	0.000	0.000
8/17/23 11:00	0.000	12.925	120.747	0.000	0.000
8/17/23 12:00	0.000	12.919	125.885	0.000	0.000
8/17/23 13:00	0.000	12.913	129.840	0.000	0.000
8/17/23 14:00	0.000	12.903	131.898	0.000	0.000
8/17/23 15:00	0.000	12.894	128.963	0.000	0.000
8/17/23 16:00	59.194	25.827	115.587	51.024	67402.910
8/17/23 17:00	0.000	12.888	108.936	0.000	0.000
8/17/23 18:00	0.000	12.887	104.180	0.000	0.000
8/17/23 19:00	0.000	12.891	99.446	0.000	0.000
8/17/23 20:00	0.000	12.900	95.681	0.000	0.000
8/17/23 21:00	0.000	12.912	92.663	0.000	0.000
8/17/23 22:00	0.000	12.916	90.217	0.000	0.000
8/17/23 23:00	0.000	12.925	87.778	0.000	0.000
Avg/Total:	2.47	13.45	99.71	51.0242	67402.9100

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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
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Oil Conservation Division
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DEFINITIONS

Action 257476

DEFINITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 257476
	Action Type: [C-129] Venting and/or Flaring (C-129)

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 257476

QUESTIONS

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	Action Number: 257476
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites	
<i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	Unavailable.
Incident Facility	[fPAC0728449244] Targa Eunice North Compressor Station

Determination of Reporting Requirements	
<i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
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, minor venting and/or flaring of natural gas.
<i>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.</i>	
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

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	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
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
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
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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QUESTIONS, Page 2

Action 257476

QUESTIONS (continued)

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	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	08/17/2023
Time vent or flare was discovered or commenced	04:58 PM
Time vent or flare was terminated	05:00 PM
Cumulative hours during this event	0

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: 51 Mcf Recovered: 0 Mcf Lost: 51 Mcf.
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 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	Not answered.
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	Gas was routed to flare as a result of shutdown and startup to install a new battery on the uninterrupted power source at the compressor station.
Steps taken to limit the duration and magnitude of vent or flare	Targa I&E personnel replaced the battery as quickly as possible and the emission event lasted 2 minutes.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	This was a maintenance event that could prevent future emission events.

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ACKNOWLEDGMENTS

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	Action Number: 257476
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
☒	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
☒	I hereby certify the statements in this 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.
☒	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.
☒	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: 257476
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
amberg	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.	8/24/2023