

SHIPPING ADDRESS:
2800 WESTOVER STREET
ODESSA, TEXAS 79764



BILLING ADDRESS:
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ODESSA, TEXAS 79769-0210

LABORATORY IN ODESSA
PHONE (432) 337-4744 | FAX (432) 337-8781

06/22/21

EXTENDED GAS ANALYSIS

LAB 59978

TARGA: MIDDLE PLANT
NORTH PLANT INLET GAS: 161223508

	MOL %	GPM
HYDROGEN SULFIDE	1.0815	0.000
NITROGEN	1.3443	0.000
METHANE	70.6417	0.000
CARBON DIOXIDE	3.8509	0.000
ETHANE	10.5645	2.822
PROPANE	6.2645	1.724
ISO-BUTANE	0.8616	0.282
N-BUTANE	2.2820	0.719
ISO-PENTANE	0.6499	0.237
N-PENTANE	0.7419	0.269
NEOHEXANE	0.0091	0.004
CYCLOPENTANE	0.0771	0.023
2-METHYLPENTANE	0.1790	0.074
3-METHYLPENTANE	0.1164	0.047
N-HEXANE	0.2439	0.100
METHYLCYCLOPENTANE	0.1359	0.048
BENZENE	0.0558	0.016
CYCLOHEXANE	0.1236	0.042
2-METHYLHEXANE	0.0495	0.023
3-METHYLHEXANE	0.0670	0.031
DIMETHYLCYCLOPENTANES	0.1142	0.047
N-HEPTANE	0.1019	0.047
METHYLCYCLOHEXANE	0.1327	0.053
TRIMETHYLCYCLOPENTANES	0.0146	0.007
TOLUENE	0.0650	0.022
2-METHYLHEPTANE	0.0565	0.029
3-METHYLHEPTANE	0.0023	0.001
DIMETHYLCYCLOHEXANES	0.0292	0.013
N-OCTANE	0.0339	0.017
ETHYL BENZENE	0.0117	0.005
M&P-XYLENES	0.0173	0.007
O-XYLENE	0.0056	0.002
C9 NAPHTHENES	0.0136	0.007
C9 PARAFFINS	0.0459	0.027
N-NONANE	0.0051	0.003
N-DECANE	0.0006	0.000
UNDECANE PLUS	0.0098	0.007
TOTALS	100.0000	6.755

SPECIFIC GRAVITY 0.837
GROSS DRY BTU/CU.FT. 1311.4
GROSS WET BTU/CU.FT. 1289.1
TOTAL MOL. WT. 24.144
MOL. WT. C6+ 93.229
SP. GRAVITY C6+ 3.706
MOL. WT. C7+ 104.621
SP. GRAVITY C7+ 4.432
BASIS: 14.65 PSIA @ 60 °F

SAMPLED: 06/17/21
255 PSI @ 113 °F
RUN: 06/21/21
SPOT SR
CYLINDER: 721
DISTRIBUTION: MR ZAC MASON
10814.7 PPM H2S

Targui Resources 4.19.22 Event

Justification of Volumes:

Blowdown Calcs:

11.3 mi @ 300 psig	16" pipe =	1106.5 MCF
2.3 mi @ 300 psig	20" pipe =	542.5 MCF
1.6 mi @ 300 psig	18" pipe =	305.71 MCF
4.51 mi @ 300 psig	18" pipe =	861.72 MCF
1.6 mi @ 250 psig	16" pipe =	201.29 MCF
2.3 mi @ 250 psig	18" pipe =	<u>366.16 MCF</u>

Total Calculated Blowdown

MCF = 3984.

Actual Metered Volumes Flared:

(N.Cat)	Meter 0223509 Vol	1123.16 MCF
(NB Res)	Meter 0222639 Vol	249.09 MCF
(HP Res)	Meter 161100045 Vol	1309.59 MCF

Total Metered Vol = 2681.84 MCF

Portable Flare Volume (not metered)

* 1302 MCF

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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DEFINITIONS

Action 100394

DEFINITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 100394
	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 100394

QUESTIONS

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	Action Number: 100394
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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 Well	Not answered.
Incident Facility	[fPAC0600530795] Targa Eunice Gathering System

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	Yes
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

Equipment Involved

Primary Equipment Involved	Pipeline (Any)
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	71
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	1
Carbon Dioxide (CO2) percentage, if greater than one percent	4
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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QUESTIONS, Page 2

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QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/19/2022
Time vent or flare was discovered or commenced	08:40 AM
Time vent or flare was terminated	06:54 PM
Cumulative hours during this event	9

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: 1,302 Mcf Recovered: 0 Mcf Lost: 1,302 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	This event was anticipated and scheduled Targa notified all upstream producers to stop gas deliveries. Targa had a portable flare on site to control the combustion of the volume of pipeline blowdown volume to insure complete combustion.
Steps taken to limit the duration and magnitude of vent or flare	This event was anticipated and scheduled Targa notified all upstream producers to stop gas deliveries. Targa had a portable flare on site to control the combustion of the volume of pipeline blowdown volume to insure complete combustion.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	There were no corrective actions required by Targa.

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ACKNOWLEDGMENTS

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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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CONDITIONS

Created By	Condition	Condition Date
rebeccaw	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.	4/21/2022