

SHIPPING ADDRESS:
2800 WESTOVER STREET
ODESSA, TEXAS 79764



BILLING ADDRESS:
P.O. BOX 69210
ODESSA, TEXAS 79769-0210

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

08/20/21

EXTENDED GAS ANALYSIS

LAB 60791

TARGA: BUCKEYE
INLET: 83830007

	MOL %	GPM
HYDROGEN SULFIDE	0.2833	0.000
NITROGEN	2.2416	0.000
METHANE	80.0256	0.000
CARBON DIOXIDE	1.6413	0.000
ETHANE	7.6164	2.032
PROPANE	4.3616	1.199
ISO-BUTANE	0.5464	0.178
N-BUTANE	1.4838	0.467
ISO-PENTANE	0.4009	0.146
N-PENTANE	0.4148	0.150
NEOHEXANE	0.0050	0.002
CYCLOPENTANE	0.0478	0.014
2-METHYLPENTANE	0.0861	0.036
3-METHYLPENTANE	0.0551	0.022
N-HEXANE	0.1044	0.043
METHYLCYCLOPENTANE	0.0741	0.026
BENZENE	0.0685	0.019
CYCLOHEXANE	0.0926	0.031
2-METHYLHEXANE	0.0201	0.009
3-METHYLHEXANE	0.0249	0.011
DIMETHYLCYCLOPENTANES	0.0439	0.018
N-HEPTANE	0.0360	0.017
METHYLCYCLOHEXANE	0.0753	0.030
TRIMETHYLCYCLOPENTANES	0.0036	0.002
TOLUENE	0.0539	0.018
2-METHYLHEPTANE	0.0246	0.013
3-METHYLHEPTANE	0.0010	0.001
DIMETHYLCYCLOHEXANES	0.0146	0.007
N-OCTANE	0.0134	0.007
ETHYL BENZENE	0.0085	0.003
M&P-XYLENES	0.0153	0.006
O-XYLENE	0.0052	0.002
C9 NAPHTHENES	0.0154	0.008
C9 PARAFFINS	0.0288	0.017
N-NONANE	0.0062	0.004
N-DECANE	0.0038	0.002
UNDECANE PLUS	0.0562	0.037
TOTALS	100.0000	4.577

SPECIFIC GRAVITY 0.735
GROSS DRY BTU/CU.FT. 1204.2
GROSS WET BTU/CU.FT. 1183.6
TOTAL MOL. WT. 21.215
MOL. WT. C6+ 96.300
SP. GRAVITY C6+ 3.879
MOL. WT. C7+ 111.958
SP. GRAVITY C7+ 4.917
BASIS: 14.65 PSIA @ 60 °F

SAMPLED: 08/18/21
11 PSI @ 77 °F

RUN: 08/19/21

SPOT SR

CYLINDER: 1

DISTRIBUTION: MR JOSEPH AUSTIN
2833.24 PPM H2S

Meter ID: 830009

Location Buckeye Flare

VRSDO.UIS

	DP	SP	Temp	Volume	Energy	FlowTime
	inH2O	psi	F	MCF	MBTU	sec
5/13/22 0:00	8.694	42.635	65.365	69.914	83547.580	3600.000
5/13/22 1:00	13.695	42.605	63.387	88.033	105199.400	3600.000
5/13/22 2:00	11.763	42.626	63.010	81.942	97920.410	3600.000
5/13/22 3:00	12.024	42.726	63.715	6.597	7882.905	288.000
5/13/22 4:00	0.000	22.896	55.461	0.000	0.000	0.000
5/13/22 5:00	0.000	22.387	53.692	0.000	0.000	0.000
5/13/22 6:00	0.000	22.281	54.028	0.000	0.000	0.000
5/13/22 7:00	0.000	22.270	59.758	0.000	0.000	0.000
5/13/22 8:00	0.000	22.282	71.528	0.000	0.000	0.000
5/13/22 9:00	0.000	22.271	80.610	0.000	0.000	0.000
5/13/22 10:00	88.494	30.084	87.029	0.310	370.062	7.000
5/13/22 11:00	0.000	39.272	91.712	0.000	0.000	0.000
5/13/22 12:00	0.000	22.849	95.642	0.000	0.000	0.000
5/13/22 13:00	0.000	22.509	98.563	0.000	0.000	0.000
5/13/22 14:00	0.000	22.401	100.383	0.000	0.000	0.000
5/13/22 15:00	0.000	22.297	100.122	0.000	0.000	0.000
5/13/22 16:00	86.478	30.474	98.249	0.300	358.354	7.000
5/13/22 17:00	39.868	43.761	92.636	10.175	12159.700	252.000
5/13/22 18:00	0.000	23.501	89.844	0.000	0.000	0.000
5/13/22 19:00	87.023	29.926	81.917	0.307	366.600	7.000
5/13/22 20:00	35.504	43.264	72.802	43.699	52220.690	1147.000
5/13/22 21:00	10.415	42.562	71.675	27.312	32638.250	1292.000
5/13/22 22:00	58.364	34.419	69.100	0.242	288.915	6.000
5/13/22 23:00	0.000	22.329	63.303	0.000	0.000	0.000
Avg/Total:	18.85	30.61	76.81	328.8309	392952.8648	13806.0000

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State of New Mexico
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Oil Conservation Division
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DEFINITIONS

Action 109777

DEFINITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 109777
	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 109777

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 109777
	Action Type: [C-129] Venting and/or Flaring (C-129)

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	[fPAC0614251161] Targa Buckeye Booster Station

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	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.

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 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	80
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	2,833
Carbon Dioxide (CO2) percentage, if greater than one percent	2
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

Action 109777

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	05/13/2022
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	10:00 PM
Cumulative hours during this event	4

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure Gas Compressor Station Natural Gas Flared Released: 329 Mcf Recovered: 0 Mcf Lost: 329 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 to protect personnel and equipment when a high fan vibration shutdown caused the facility to lose compression. The high fan vibration was caused by a piece of sheet metal that was obstructing the fan. The bolts securing the sheet metal in place failed, which then caused the sheet metal to fall out of position. There is no recommended maintenance on these bolts and there is no way to predict their failure.
Steps taken to limit the duration and magnitude of vent or flare	Gas was flared until the sheet metal could be reattached and compression could be restarted.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The sheet metal was reattached and the fan was restarted. Compression was restarted, normal operations resumed, and flaring ceased.

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ACKNOWLEDGMENTS

Action 109777

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

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<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 109777

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	Action Number: 109777
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CONDITIONS

Created By	Condition	Condition Date
tillmana	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.	5/24/2022