

SHIPPING ADDRESS:
2800 WESTOVER STREET
ODESSA, TEXAS 79764

MOBILE ANALYTICAL

LABORATORIES, INC.

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

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

08/29/23

EXTENDED GAS ANALYSIS**LAB 70740**

TARGA: BUCKEYE
INLET: 83830007

	MOL %	GPM
HYDROGEN SULFIDE	0.7480	0.000
NITROGEN	2.1696	0.000
METHANE	74.7338	0.000
CARBON DIOXIDE	6.4018	0.000
ETHANE	7.0399	1.879
PROPANE	4.4028	1.211
ISO-BUTANE	0.5836	0.191
N-BUTANE	1.6029	0.504
ISO-PENTANE	0.4953	0.181
N-PENTANE	0.5052	0.183
NEOHEXANE	0.0053	0.002
CYCLOPENTANE	0.0576	0.017
2-METHYLPENTANE	0.1051	0.044
3-METHYLPENTANE	0.0705	0.029
N-HEXANE	0.1285	0.053
METHYLCYCLOPENTANE	0.0863	0.030
BENZENE	0.0830	0.023
CYCLOHEXANE	0.1097	0.037
2-METHYLHEXANE	0.0244	0.011
3-METHYLHEXANE	0.0434	0.020
DIMETHYLCYCLOPENTANES	0.0476	0.020
N-HEPTANE	0.0502	0.023
METHYLCYCLOHEXANE	0.0917	0.037
TRIMETHYLCYCLOPENTANES	0.0057	0.003
TOLUENE	0.0847	0.028
2-METHYLHEPTANE	0.0363	0.019
3-METHYLHEPTANE	0.0112	0.006
DIMETHYLCYCLOHEXANES	0.0130	0.006
N-OCTANE	0.0222	0.011
ETHYL BENZENE	0.0257	0.010
M&P-XYLENES	0.0323	0.012
O-XYLENE	0.0109	0.004
C9 NAPHTHENES	0.0422	0.023
C9 PARAFFINS	0.0474	0.028
N-NONANE	0.0158	0.010
N-DECANE	0.0159	0.010
UNDECANE PLUS	0.0505	0.034

TOTALS

100.0000

4.699

SPECIFIC GRAVITY 0.797
GROSS DRY BTU/CU.FT. 1175.2
GROSS WET BTU/CU.FT. 1155.1
TOTAL MOL. WT. 23.003
MOL. WT. C6+ 97.378
SP. GRAVITY C6+ 3.949
MOL. WT. C7+ 111.122
SP. GRAVITY C7+ 4.875
BASIS: 14.65 PSIA @ 60 °F

SAMPLED: 08/16/23
25 PSI @ 85 °F
RUN: 08/24/23
SPOT SR
CYLINDER: 681
DISTRIBUTION: MR RAUL GIBSON
7479.6 PPM H2S

Meter ID: 830009

	Location Buckeye Flare			VRSDO.UIS		
	DP	SP	Temp	Volume	Energy	FlowTime
	inH2O	psi	F	MCF	MBTU	sec
11/9/23 0:00	37.307	43.864	58.227	46.056	55036.590	1153.000
11/9/23 1:00	19.969	42.585	59.082	26.780	32002.220	905.000
11/9/23 2:00	0.000	34.607	52.411	0.000	0.000	0.000
11/9/23 3:00	0.000	33.026	52.271	0.000	0.000	0.000
11/9/23 4:00	0.000	31.397	52.334	0.000	0.000	0.000
11/9/23 5:00	0.000	32.301	51.390	0.000	0.000	0.000
11/9/23 6:00	0.000	31.196	50.832	0.000	0.000	0.000
11/9/23 7:00	0.000	27.647	50.519	0.000	0.000	0.000
11/9/23 8:00	0.000	24.278	46.402	0.000	0.000	0.000
11/9/23 9:00	0.000	24.457	44.737	0.000	0.000	0.000
11/9/23 10:00	0.000	24.953	47.032	0.000	0.000	0.000
11/9/23 11:00	0.000	24.507	49.499	0.000	0.000	0.000
11/9/23 12:00	0.000	24.464	51.526	0.000	0.000	0.000
11/9/23 13:00	0.000	24.447	51.063	0.000	0.000	0.000
11/9/23 14:00	0.000	24.423	51.869	0.000	0.000	0.000
11/9/23 15:00	0.000	24.267	49.717	0.000	0.000	0.000
11/9/23 16:00	0.000	24.272	48.381	0.000	0.000	0.000
11/9/23 17:00	0.000	24.308	48.209	0.000	0.000	0.000
11/9/23 18:00	0.000	24.255	47.564	0.000	0.000	0.000
11/9/23 19:00	0.000	24.305	47.355	0.000	0.000	0.000
11/9/23 20:00	0.000	24.203	46.923	0.000	0.000	0.000
11/9/23 21:00	0.000	24.201	46.608	0.000	0.000	0.000
11/9/23 22:00	0.000	24.309	45.661	0.000	0.000	0.000
11/9/23 23:00	0.000	24.258	45.541	0.000	0.000	0.000

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District IV
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State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
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DEFINITIONS

Action 286373

DEFINITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 286373
	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 286373

QUESTIONS

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	Action Number: 286373
	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	Unavailable.
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 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

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	75
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	7,480
Carbon Dioxide (CO2) percentage, if greater than one percent	6
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 286373

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	11/09/2023
Time vent or flare was discovered or commenced	12:41 AM
Time vent or flare was terminated	01:15 AM
Cumulative hours during this event	1

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: 73 Mcf Recovered: 0 Mcf Lost: 73 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 when the lubricator block failed on the compressor. When the lubricator block failed, the compressor unexpectedly shut down, and the sudden loss of compression caused the emission event.
Steps taken to limit the duration and magnitude of vent or flare	Gas was flared until the failed lubricator block was replaced.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The failed lubricator block was replaced, normal operations resumed, and flaring ceased.

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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

Action 286373

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	Action Number: 286373
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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.	11/16/2023