

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

Name: 830009
Desc: Buckeye Flare
Facility ID: BUCKEYEFLLA_R1
Facility Desc: Buckeye Comp Flare
Associated Loc: BUCKEYE

Type: Meter (Gas)
Contract Hr: 0
SiteService: VRSDO.UIS
Time Zone: (UTC-07:00) Mountain Tin
DST: Yes

Hourly Time	Pulses	DP inH2O	SP psi	Temp F	Volume MCF	Energy MBTU	FlowTime sec
6/24/24 0:00	-	0.00	25.29	73.23	0.00	0.00	0.00
6/24/24 1:00	-	0.00	25.21	71.97	0.00	0.00	0.00
6/24/24 2:00	-	0.00	25.21	70.54	0.00	0.00	0.00
6/24/24 3:00	-	0.00	25.17	68.77	0.00	0.00	0.00
6/24/24 4:00	-	115.09	36.05	66.69	0.37	443.30	7.00
6/24/24 5:00	-	23.31	43.20	71.86	85.96	102,721.80	2,766.00
6/24/24 6:00	-	0.00	37.52	69.13	0.00	0.00	0.00
6/24/24 7:00	-	0.00	32.52	71.28	0.00	0.00	0.00
6/24/24 8:00	-	0.00	29.29	78.96	0.00	0.00	0.00
6/24/24 9:00	-	0.00	29.17	86.24	0.00	0.00	0.00
6/24/24 10:00	-	0.00	29.57	92.94	0.00	0.00	0.00
6/24/24 11:00	-	0.00	28.89	98.42	0.00	0.00	0.00
6/24/24 12:00	-	0.00	28.34	101.66	0.00	0.00	0.00
6/24/24 13:00	-	0.00	28.14	104.17	0.00	0.00	0.00
6/24/24 14:00	-	0.00	28.76	105.50	0.00	0.00	0.00
6/24/24 15:00	-	0.00	28.51	105.40	0.00	0.00	0.00
6/24/24 16:00	-	0.00	28.63	104.36	0.00	0.00	0.00
6/24/24 17:00	-	0.00	31.55	103.85	0.00	0.00	0.00
6/24/24 18:00	-	0.00	32.90	100.10	0.00	0.00	0.00
6/24/24 19:00	-	0.00	33.20	94.36	0.00	0.00	0.00
6/24/24 20:00	-	0.00	31.16	89.21	0.00	0.00	0.00
6/24/24 21:00	-	0.00	30.49	85.43	0.00	0.00	0.00
6/24/24 22:00	-	0.00	30.16	83.19	0.00	0.00	0.00
6/24/24 23:00	-	0.00	30.88	82.17	0.00	0.00	0.00

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

Action 362041

DEFINITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 362041
	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 362041

QUESTIONS

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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	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 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	75
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	7,480
Carbon Dioxide (C02) 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 Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 362041

QUESTIONS (continued)

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	Action Number: 362041
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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	06/24/2024
Time vent or flare was discovered or commenced	05:00 AM
Time vent or flare was terminated	05:46 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: 86 Mcf Recovered: 0 Mcf Lost: 86 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 compressor shut down on high discharge pressure. The shutdown was caused by high nitrogen issues at Targa's Monument plant. The Monument plant had to curtail gas due to the nitrogen, and this caused the discharge pressure at the Buckeye compressor station to increase.
Steps taken to limit the duration and magnitude of vent or flare	Gas was flared until the nitrogen levels at the Monument plant returned to normal, and the compressor at Buckeye was restarted.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The nitrogen levels at the Monument plant returned to normal. The compressor at Buckeye was then restarted, normal operations resumed, and flaring ceased.

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ACKNOWLEDGMENTS

Action 362041

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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 362041

CONDITIONS

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	Action Number: 362041
	Action Type: [C-129] Venting and/or Flaring (C-129)

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.	7/9/2024