SHIPPING ADDRESS:
2800 WESTOVER STREET
ODESSA, TEXAS 79764

MOBILE ANALYTICAL LABORATORIES, INC.

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

LABORATORIES IN ODESSA & GIDDINGS
PHONE (432) 337-4744 | FAX (432) 337-8781

08/19/20

EXTENDED GAS ANALYSIS

LAB # 56701

TARGA RESOURCES: BUCKEYE
INLET: 8380007

	MOL %	GPM
HYDROGEN SULFIDE	0.6700	0.000
NITROGEN	4.1033	0.000
METHANE	60.1712	0.000
CARBON DIOXIDE	2.2419	0.000
ETHANE	13.9638	3.736
PROPANE	9.5118	2.622
ISO-BUTANE	1.2178	0.399
N-BUTANE	3.3395	1.053
ISO-PENTANE	0.9794	0.358
N-PENTANE	1.0301	0.374
NEOHEXANE	0.0050	0.002
CYCLOPENTANE	0.1116	0.033
2-METHYLPENTANE	0.1971	0.082
3-METHYLPENTANE	0.1287	0.053
N-HEXANE	0.2445	0.101
METHYLCYCLOPENTANE	0.1952	0.069
BENZENE	0.1988	0.056
CYCLOHEXANE	0.2332	0.079
2-METHYLHEXANE	0.0426	0.020
3-METHYLHEXANE	0.0761	0.035
DIMETHYLCYCLOPENTANES	0.1306	0.054
N-HEPTANE	0.0994	0.046
METHYLCYCLOHEXANE	0.2080	0.084
TRIMETHYLCYCLOPENTANES	0.0189	0.009
TOLUENE	0.1830	0.061
2-METHYLHEPTANE	0.0748	0.039
3-METHYLHEPTANE	0.0220	0.011
DIMETHYLCYCLOHEXANES	0.0639	0.029
N-OCTANE	0.0622	0.032
ETHYL BENZENE	0.0516	0.020
M&P-XYLENES	0.0593	0.023
O-XYLENE	0.0169	0.007
C9 NAPHTHENES	0.0832	0.045
C9 PARAFFINS	0.0765	0.045
N-NONANE	0.0292	0.018
N-DECANE	0.0209	0.013
UNDECANE PLUS	0.1380	0.092
TOTALS	100.0000	9.700

SPECIFIC GRAVITY	0.946
GROSS DRY BTU/CU.FT.	1475.5
GROSS WET BTU/CU.FT.	1450.3
TOTAL MOL. WT.	27.223
MOL. WT. C6+	97.939
SP. GRAVITY C6+	3.981
MOL. WT. C7+	111.468
SP. GRAVITY C7+	4.893
BASIS: 14.65 PSIA @ 60 °F	

NOTES:
SAMPLED: 08/14/2020
7 PSIA @ 95 °F
DATE RUN 08/17/2020
SPOT BY: SR
CYLINDER NO. 696
DISTRIBUTION: MR ZACH MASON
6699.07 PPM H2S

Meter ID: 830009 **Location** Buckeye Flare VRSDO.UIS

	DP	SP	Temp	Volume	Energy	FlowTime
	inH2O	psi	F	MCF	MBTU	sec
6/9/21 0:00	0.000	27.670	78.240	0.000	0.000	0.000
6/9/21 1:00	0.000	27.248	75.623	0.000	0.000	0.000
6/9/21 2:00	0.000	26.653	73.550	0.000	0.000	0.000
6/9/21 3:00	0.000	26.562	70.860	0.000	0.000	0.000
6/9/21 4:00	0.000	27.418	68.266	0.000	0.000	0.000
6/9/21 5:00	0.000	27.760	67.035	0.000	0.000	0.000
6/9/21 6:00	0.000	27.244	66.544	0.000	0.000	0.000
6/9/21 7:00	0.000	27.087	70.342	0.000	0.000	0.000
6/9/21 8:00	0.000	27.144	79.713	0.000	0.000	0.000
6/9/21 9:00	0.000	27.405	88.662	0.000	0.000	0.000
6/9/21 10:00	0.000	27.723	95.064	0.000	0.000	0.000
6/9/21 11:00	0.000	28.451	101.893	0.000	0.000	0.000
6/9/21 12:00	0.000	28.389	105.920	0.000	0.000	0.000
6/9/21 13:00	25.072	30.546	107.958	0.151	180.567	6.000
6/9/21 14:00	13.294	41.836	94.982	71.126	84996.000	3061.000
6/9/21 15:00	14.040	41.706	92.829	16.368	19559.590	687.000
6/9/21 16:00	0.000	23.020	105.858	0.000	0.000	0.000
6/9/21 17:00	0.000	22.171	105.131	0.000	0.000	0.000
6/9/21 18:00	0.000	21.885	101.469	0.000	0.000	0.000
6/9/21 19:00	0.000	21.777	95.142	0.000	0.000	0.000
6/9/21 20:00	0.000	21.827	89.543	0.000	0.000	0.000
6/9/21 21:00	0.000	21.722	85.553	0.000	0.000	0.000
6/9/21 22:00	0.000	21.805	82.806	0.000	0.000	0.000
6/9/21 23:00	0.000	21.915	79.635	0.000	0.000	0.000

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Phone:(575) 393-6161 Fax:(575) 393-0720
District II
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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
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 33142

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 33142
	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 addional guidance.	
Was or is this venting and/or flaring caused by an emergency or malfunction	Yes
Did or will this venting and/or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a notification of a major venting and/or flaring	**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 or will there be **at least 50 MCF** of natural gas vented and/or flared during this event	Yes
Did this venting and/or flaring 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 venting and/or flaring within an incorporated municipal boundary or withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	*Not answered.*

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	60
Nitrogen (N2) percentage, if greater than one percent	4
Hydrogen Sulfide (H2S) PPM, rounded up	6,700
Carbon Dioxide (C02) percentage, if greater than one percent	2
Oxygen (02) 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 (02) percentage quality requirement	*Not answered.*

Date(s) and Time(s)	
Date venting and/or flaring was discovered or commenced	06/09/2021
Time venting and/or flaring was discovered or commenced	02:00 PM
Time venting and/or flaring was terminated	03:11 PM
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: Power Failure | Gas Compressor Station | Natural Gas Flared | Released: 88 Mcf | Recovered: 0 Mcf | Lost: 88 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 or is this venting and/or flaring a result of downstream activity	*Not answered.*
Date notified of downstream activity requiring this venting and/or flaring	*Not answered.*
Time notified of downstream activity requiring this venting and/or flaring	*Not answered.*

Steps and Actions to Prevent Waste	
For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	Inlet gas was flared when the facility lost third party purchase power. Inlet gas was flared to protect personnel and equipment. The facility was being properly operated when the facility lost third party purchase power. Inlet gas was flared until the third party purchase power could be restored.
Steps taken to limit the duration and magnitude of venting and/or flaring	There was no corrective action required by Targa; this was a third party event outside Targa's control.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	When third party purchase power was restored, normal operations resumed and flaring ceased.

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CONDITIONS

Action 33142

CONDITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 33142
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
system	If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event.	6/22/2021