

SHIPPING ADDRESS:  
2800 WESTOVER STREET  
ODESSA, TEXAS 79764



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**  
**TARGA RESOURCES: BUCKEYE**  
**INLET: 8380007**

LAB # 56701

	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

6/9/21 0:00  
6/9/21 1:00  
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6/9/21 23:00

Location Buckeye Flare			VRSDO.UIS			
DP	SP	Temp	Volume	Energy	FlowTime	
inH2O	psi	F	MCF	MBTU	sec	
0.000	27.670	78.240	0.000	0.000	0.000	
0.000	27.248	75.623	0.000	0.000	0.000	
0.000	26.653	73.550	0.000	0.000	0.000	
0.000	26.562	70.860	0.000	0.000	0.000	
0.000	27.418	68.266	0.000	0.000	0.000	
0.000	27.760	67.035	0.000	0.000	0.000	
0.000	27.244	66.544	0.000	0.000	0.000	
0.000	27.087	70.342	0.000	0.000	0.000	
0.000	27.144	79.713	0.000	0.000	0.000	
0.000	27.405	88.662	0.000	0.000	0.000	
0.000	27.723	95.064	0.000	0.000	0.000	
0.000	28.451	101.893	0.000	0.000	0.000	
0.000	28.389	105.920	0.000	0.000	0.000	
25.072	30.546	107.958	0.151	180.567	6.000	
13.294	41.836	94.982	71.126	84996.000	3061.000	
14.040	41.706	92.829	16.368	19559.590	687.000	
0.000	23.020	105.858	0.000	0.000	0.000	
0.000	22.171	105.131	0.000	0.000	0.000	
0.000	21.885	101.469	0.000	0.000	0.000	
0.000	21.777	95.142	0.000	0.000	0.000	
0.000	21.827	89.543	0.000	0.000	0.000	
0.000	21.722	85.553	0.000	0.000	0.000	
0.000	21.805	82.806	0.000	0.000	0.000	
0.000	21.915	79.635	0.000	0.000	0.000	

**District I**

1625 N. French Dr., Hobbs, NM 88240  
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**District II**

811 S. First St., Artesia, NM 88210  
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****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 or is this venting or flaring caused by an emergency or malfunction	Yes
Did or will this venting 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 or flaring	Yes, minor venting or flaring of natural gas.
The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.13.29.7 NMAC	
Was there or will there be at least 50 MCF of natural gas vented or flared during this event	Yes
Did this venting 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

**Unregistered Facility Site**

Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (##) yet.

Facility or Site Name	Not answered.
Facility Type	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 (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.

**Date(s) and Time(s)**

Date venting or flaring was discovered or commenced	06/09/2021
Time venting or flaring was discovered or commenced	02:00 PM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	06/09/2021
Time venting or flaring was terminated	03:11 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	1
Longest duration of cumulative hours within any 24-hour period 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   Spilled: 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 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 or flaring a result of downstream activity	Not answered.
Date notified of downstream activity requiring this venting or flaring	Not answered.
Time notified of downstream activity requiring this venting or flaring	Not answered.

**Steps and Actions to Prevent Waste**

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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 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 or flaring	When third party purchase power was restored, normal operations resumed and flaring ceased.

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CONDITIONS  
  
Action 33142

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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