

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

Location Buckeye Flare

VRSDO.UIS

	DP	SP	Temp	Volume	Energy	FlowTime
	inH2O	psi	F	MCF	MBTU	sec
6/2/21 0:00	0.000	21.991	63.320	0.000	0.000	0.000
6/2/21 1:00	0.000	22.048	61.182	0.000	0.000	0.000
6/2/21 2:00	0.000	22.017	60.652	0.000	0.000	0.000
6/2/21 3:00	0.000	21.960	59.377	0.000	0.000	0.000
6/2/21 4:00	0.000	21.892	59.593	0.000	0.000	0.000
6/2/21 5:00	0.000	21.848	58.536	0.000	0.000	0.000
6/2/21 6:00	0.000	21.882	56.751	0.000	0.000	0.000
6/2/21 7:00	0.000	21.926	59.407	0.000	0.000	0.000
6/2/21 8:00	0.000	21.937	67.812	0.000	0.000	0.000
6/2/21 9:00	0.000	21.913	75.819	0.000	0.000	0.000
6/2/21 10:00	0.000	21.902	81.756	0.000	0.000	0.000
6/2/21 11:00	0.000	21.943	87.098	0.000	0.000	0.000
6/2/21 12:00	0.000	22.171	90.622	0.000	0.000	0.000
6/2/21 13:00	0.000	22.352	92.988	0.000	0.000	0.000
6/2/21 14:00	0.000	22.483	92.901	0.000	0.000	0.000
6/2/21 15:00	0.000	22.521	94.852	0.000	0.000	0.000
6/2/21 16:00	0.000	22.216	95.698	0.000	0.000	0.000
6/2/21 17:00	0.000	22.115	79.827	0.000	0.000	0.000
6/2/21 18:00	15.297	41.917	63.835	39.175	46814.010	1534.000
6/2/21 19:00	6.084	41.630	62.851	17.271	20639.400	1104.000
6/2/21 20:00	14.772	29.945	63.234	1.069	1277.135	62.000
6/2/21 21:00	16.250	41.913	61.591	78.147	93385.750	2957.000
6/2/21 22:00	17.454	41.728	61.645	98.616	117846.200	3600.000
6/2/21 23:00	20.617	41.715	63.188	106.915	127763.100	3600.000
Avg/Total:	3.77	26.50	71.44	341.1930	407725.5950	12857.0000

Meter ID: 830009

Location Buckeye Flare

VRSDO.UIS

	DP	SP	Temp	Volume	Energy	FlowTime
	inH2O	psi	F	MCF	MBTU	sec
6/3/21 0:00	21.320	41.726	64.977	108.492	129647.800	3600.000
6/3/21 1:00	21.936	41.708	64.177	22.516	26906.160	737.000
6/3/21 2:00	0.000	29.544	57.289	0.000	0.000	0.000
6/3/21 3:00	0.000	27.348	55.972	0.000	0.000	0.000
6/3/21 4:00	0.000	24.109	55.102	0.000	0.000	0.000
6/3/21 5:00	0.000	22.229	55.085	0.000	0.000	0.000
6/3/21 6:00	0.000	22.110	54.914	0.000	0.000	0.000
6/3/21 7:00	0.000	22.046	56.488	0.000	0.000	0.000
6/3/21 8:00	0.000	22.074	62.803	0.000	0.000	0.000
6/3/21 9:00	0.000	22.202	70.956	0.000	0.000	0.000
6/3/21 10:00	0.000	22.200	76.855	0.000	0.000	0.000
6/3/21 11:00	0.000	22.084	81.726	0.000	0.000	0.000
6/3/21 12:00	0.000	22.162	84.554	0.000	0.000	0.000
6/3/21 13:00	0.000	22.148	84.970	0.000	0.000	0.000
6/3/21 14:00	0.000	22.117	87.745	0.000	0.000	0.000
6/3/21 15:00	0.000	22.142	87.827	0.000	0.000	0.000
6/3/21 16:00	0.000	22.029	86.654	0.000	0.000	0.000
6/3/21 17:00	0.000	21.866	84.307	0.000	0.000	0.000
6/3/21 18:00	0.000	21.879	79.103	0.000	0.000	0.000
6/3/21 19:00	0.000	21.812	73.899	0.000	0.000	0.000
6/3/21 20:00	0.000	21.775	68.920	0.000	0.000	0.000
6/3/21 21:00	0.000	21.808	66.056	0.000	0.000	0.000
6/3/21 22:00	0.000	21.827	63.869	0.000	0.000	0.000
6/3/21 23:00	0.000	21.784	62.051	0.000	0.000	0.000
Avg/Total:	1.80	24.28	70.26	131.0075	156553.9600	4337.0000

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

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 29693

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 29693
	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	Buckeye
Facility Type	Compressor Station - (CS)

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	06/02/2021
Time venting or flaring was discovered or commenced	06:34 PM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	06/03/2021
Time venting or flaring was terminated	01:12 AM
Total duration of venting or flaring in hours, if venting or flaring has terminated	5
Longest duration of cumulative hours within any 24-hour period 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: Power Failure Gas Compressor Station Natural Gas Flared Spilled: 341 Mcf Recovered: 0 Mcf Lost: 341 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

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 29693

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Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 29693
	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.	6/10/2021