

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
5/31/21 0:00	0.000	21.824	61.943	0.000	0.000	0.000
5/31/21 1:00	0.000	21.826	62.638	0.000	0.000	0.000
5/31/21 2:00	0.000	21.882	61.784	0.000	0.000	0.000
5/31/21 3:00	0.000	21.930	61.269	0.000	0.000	0.000
5/31/21 4:00	0.000	21.945	61.629	0.000	0.000	0.000
5/31/21 5:00	40.074	25.928	59.872	0.232	277.606	8.000
5/31/21 6:00	11.317	41.876	62.844	75.312	89997.460	3417.000
5/31/21 7:00	14.153	41.728	64.833	88.657	105945.500	3600.000
5/31/21 8:00	16.437	41.735	67.643	94.996	113520.100	3600.000
5/31/21 9:00	19.723	41.776	70.975	103.828	124074.800	3600.000
5/31/21 10:00	21.813	41.772	71.990	109.069	130337.000	3600.000
5/31/21 11:00	20.437	41.771	67.994	105.989	126656.300	3600.000
5/31/21 12:00	14.580	41.726	67.431	65.600	78391.720	2682.000
5/31/21 13:00	0.000	24.225	63.770	0.000	0.000	0.000
5/31/21 14:00	0.000	22.539	71.223	0.000	0.000	0.000
5/31/21 15:00	0.000	22.354	73.415	0.000	0.000	0.000
5/31/21 16:00	0.000	22.323	72.751	0.000	0.000	0.000
5/31/21 17:00	0.000	22.163	71.429	0.000	0.000	0.000
5/31/21 18:00	0.000	22.048	69.340	0.000	0.000	0.000
5/31/21 19:00	0.000	22.022	65.808	0.000	0.000	0.000
5/31/21 20:00	0.000	21.922	61.156	0.000	0.000	0.000
5/31/21 21:00	0.000	21.960	59.226	0.000	0.000	0.000
5/31/21 22:00	0.000	22.024	58.249	0.000	0.000	0.000
5/31/21 23:00	0.000	22.049	57.080	0.000	0.000	0.000
Avg/Total:	6.61	28.06	65.26	643.6823	769200.4857	24107.0000

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 29545

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 29545
	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, major 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	Gas Compressor Station
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	05/31/2021
Time venting or flaring was discovered or commenced	06:00 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	05/31/2021
Time venting or flaring was terminated	12:45 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	7
Longest duration of cumulative hours within any 24-hour period during this event	7

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: 644 Mcf Recovered: 0 Mcf Lost: 644 Mcf]
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Volume totals are metered with a flowmeter.
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

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Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 29545
	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