

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
6/6/21 0:00	0.000	21.667	71.462	0.000	0.000	0.000
6/6/21 1:00	0.000	21.592	69.917	0.000	0.000	0.000
6/6/21 2:00	0.000	21.615	67.332	0.000	0.000	0.000
6/6/21 3:00	0.000	21.634	65.225	0.000	0.000	0.000
6/6/21 4:00	0.000	21.629	63.043	0.000	0.000	0.000
6/6/21 5:00	0.000	21.666	61.400	0.000	0.000	0.000
6/6/21 6:00	0.000	21.655	61.536	0.000	0.000	0.000
6/6/21 7:00	0.000	21.653	65.640	0.000	0.000	0.000
6/6/21 8:00	0.000	21.678	72.432	0.000	0.000	0.000
6/6/21 9:00	0.000	21.734	79.722	0.000	0.000	0.000
6/6/21 10:00	0.000	21.773	86.367	0.000	0.000	0.000
6/6/21 11:00	0.000	21.812	92.714	0.000	0.000	0.000
6/6/21 12:00	0.000	21.866	97.545	0.000	0.000	0.000
6/6/21 13:00	0.000	21.876	100.765	0.000	0.000	0.000
6/6/21 14:00	0.000	21.814	100.525	0.000	0.000	0.000
6/6/21 15:00	0.000	21.804	98.572	0.000	0.000	0.000
6/6/21 16:00	0.000	21.698	99.729	0.000	0.000	0.000
6/6/21 17:00	0.000	21.622	98.272	0.000	0.000	0.000
6/6/21 18:00	0.000	21.619	94.835	0.000	0.000	0.000
6/6/21 19:00	0.000	21.675	88.984	0.000	0.000	0.000
6/6/21 20:00	0.000	21.697	85.767	0.000	0.000	0.000
6/6/21 21:00	13.736	41.639	78.479	36.677	43829.230	1605.000
6/6/21 22:00	11.142	41.663	76.551	77.823	92998.540	3600.000
6/6/21 23:00	13.850	41.624	74.897	77.192	92244.810	3206.000
<b>Avg/Total:</b>	1.61	24.20	81.32	191.6925	229072.5800	8411.0000

Meter ID: 830009

6/7/21 0:00  
6/7/21 1:00  
6/7/21 2:00  
6/7/21 3:00  
6/7/21 4:00  
6/7/21 5:00  
6/7/21 6:00  
6/7/21 7:00  
6/7/21 8:00  
6/7/21 9:00  
6/7/21 10:00  
6/7/21 11:00  
6/7/21 12:00  
6/7/21 13:00  
6/7/21 14:00  
6/7/21 15:00  
6/7/21 16:00  
6/7/21 17:00  
6/7/21 18:00  
6/7/21 19:00  
6/7/21 20:00  
6/7/21 21:00  
6/7/21 22:00  
6/7/21 23:00

Location Buckeye Flare			VRSDO.UIS			
DP	SP	Temp	Volume	Energy	FlowTime	
inH2O	psi	F	MCF	MBTU	sec	
12.146	40.281	75.522	7.785	9302.682	363.000	
0.000	22.844	74.212	0.000	0.000	0.000	
0.000	22.019	71.330	0.000	0.000	0.000	
0.000	21.949	69.224	0.000	0.000	0.000	
0.000	21.885	67.175	0.000	0.000	0.000	
0.000	21.843	66.132	0.000	0.000	0.000	
0.000	21.803	65.415	0.000	0.000	0.000	
0.000	21.834	68.884	0.000	0.000	0.000	
0.000	21.839	75.807	0.000	0.000	0.000	
0.000	21.827	85.884	0.000	0.000	0.000	
0.000	21.885	93.089	0.000	0.000	0.000	
0.000	21.900	97.885	0.000	0.000	0.000	
0.000	21.949	101.488	0.000	0.000	0.000	
0.000	21.947	104.364	0.000	0.000	0.000	
0.000	21.979	104.746	0.000	0.000	0.000	
0.000	22.363	104.709	0.000	0.000	0.000	
0.000	24.203	103.210	0.000	0.000	0.000	
17.928	41.301	87.885	78.293	93559.720	2951.000	
14.077	41.622	85.414	78.875	94255.610	3280.000	
0.000	32.711	86.917	0.000	0.000	0.000	
0.000	29.212	82.696	0.000	0.000	0.000	
0.000	28.656	78.439	0.000	0.000	0.000	
0.000	30.323	74.850	0.000	0.000	0.000	
0.000	30.563	72.558	0.000	0.000	0.000	

**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 32733

**QUESTIONS**

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 32733
	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 additional 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 (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 and/or flaring was discovered or commenced	06/06/2021
Time venting and/or flaring was discovered or commenced	09:33 PM
Time venting and/or flaring was terminated	12:06 AM
Cumulative hours during this event	2

**Measured or Estimated Volume of Vented or Flared Natural Gas**

Natural Gas Vented (Mcf) Details	Not answered.
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Natural Gas Flared (Mcf) Details	Cause: Power Failure   Gas Compressor Station   Natural Gas Flared   Released: 199 Mcf   Recovered: 0 Mcf   Lost: 199 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 intermittently flared when C-3 automatically shut down. The cause of the shutdown was determined to be incoming power issues. Inlet gas was rerouted to flare to protect personnel and equipment. Inlet gas was flared until C-3 could be restarted.
Steps taken to limit the duration and magnitude of venting and/or flaring	The unit was checked to ensure that it was safe to operate before restarting the unit.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	When the unit was verified safe to operate the unit was restarted and normal operation resumed. 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: 32733
	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.	6/21/2021