

SHIPPING ADDRESS:  
2800 WESTOVER STREET  
ODESSA, TEXAS 79764



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

LABORATORY IN ODESSA  
PHONE (432) 337-4744 | FAX (432) 337-8781

08/16/22

## EXTENDED GAS ANALYSIS

LAB 65605

TARGA: VADA  
LOW PRESSURE INLET: 139100005

	MOL %	GPM
HYDROGEN SULFIDE	0.7838	0.000
NITROGEN	2.9428	0.000
METHANE	71.8771	0.000
CARBON DIOXIDE	3.6521	0.000
ETHANE	9.9048	2.645
PROPANE	5.6752	1.561
ISO-BUTANE	0.8463	0.277
N-BUTANE	1.8038	0.568
ISO-PENTANE	0.5626	0.205
N-PENTANE	0.5407	0.196
NEOHXANE	0.0136	0.006
CYCLOPENTANE	0.0496	0.015
2-METHYLPENTANE	0.1134	0.047
3-METHYLPENTANE	0.0665	0.027
N-HEXANE	0.1463	0.060
METHYLCYCLOPENTANE	0.0852	0.030
BENZENE	0.0428	0.012
CYCLOHEXANE	0.1011	0.034
2-METHYLHEXANE	0.0402	0.019
3-METHYLHEXANE	0.0422	0.019
DIMETHYLCYCLOPENTANES	0.0545	0.022
N-HEPTANE	0.0684	0.032
METHYLCYCLOHEXANE	0.1263	0.051
TRIMETHYLCYCLOPENTANES	0.0093	0.004
TOLUENE	0.0577	0.019
2-METHYLHEPTANE	0.0447	0.023
3-METHYLHEPTANE	0.0017	0.001
DIMETHYLCYCLOHEXANES	0.0298	0.013
N-OCTANE	0.0417	0.021
ETHYL BENZENE	0.0113	0.004
M&P-XYLENES	0.0403	0.016
O-XYLENE	0.0121	0.005
C9 NAPHTHENES	0.0341	0.018
C9 PARAFFINS	0.0602	0.035
N-NONANE	0.0196	0.012
N-DECANE	0.0098	0.006
UNDECANE PLUS	0.0884	0.059
TOTALS	100.0000	6.062

SPECIFIC GRAVITY 0.813  
GROSS DRY BTU/CU.FT. 1256.2  
GROSS WET BTU/CU.FT. 1234.8  
TOTAL MOL. WT. 23.461  
MOL. WT. C6+ 100.270  
SP. GRAVITY C6+ 4.102  
MOL. WT. C7+ 113.186  
SP. GRAVITY C7+ 4.988  
BASIS: 14.65 PSIA @ 60 °F

SAMPLED: 08/10/22  
19 PSI @ 80 °F  
RUN: 08/11/22  
SPOT SR  
CYLINDER: 65  
DISTRIBUTION: MR JOSEPH AUSTIN  
7837.94 PPM H2S

Meter ID: 139100004		Location Vada Low Pressure Flare			VRSDO.UIS	
	DP	SP	Temp	Volume	Energy	FlowTime
	inH2O	psi	F	MCF	MBTU	sec
2/27/23 0:00	129.230	35.563	46.102	89.951	109020.500	3600.000
2/27/23 1:00	129.149	35.330	46.128	89.597	108592.000	3600.000
2/27/23 2:00	129.160	35.260	46.003	89.515	108491.800	3600.000
2/27/23 3:00	128.918	35.088	45.793	89.216	108129.800	3600.000
2/27/23 4:00	128.868	34.934	45.766	88.987	107851.600	3600.000
2/27/23 5:00	128.861	35.769	45.544	90.172	109288.100	3600.000
2/27/23 6:00	128.727	35.943	45.368	90.385	109546.600	3600.000
2/27/23 7:00	129.736	36.494	46.061	91.408	110786.000	3600.000
2/27/23 8:00	130.565	37.666	46.512	93.239	113006.000	3600.000
2/27/23 9:00	131.347	36.825	47.242	92.268	111829.100	3600.000
2/27/23 10:00	132.163	35.912	47.812	91.192	110524.900	3600.000
2/27/23 11:00	104.440	21.380	48.722	47.845	57988.160	2970.000
2/27/23 12:00	0.000	12.541	63.550	0.000	0.000	0.000
2/27/23 13:00	0.000	12.531	71.032	0.000	0.000	0.000
2/27/23 14:00	0.000	12.522	73.239	0.000	0.000	0.000
2/27/23 15:00	0.000	12.517	73.497	0.000	0.000	0.000
2/27/23 16:00	0.000	12.518	71.886	0.000	0.000	0.000
2/27/23 17:00	0.000	12.524	64.180	0.000	0.000	0.000
2/27/23 18:00	0.000	12.529	51.234	0.000	0.000	0.000
2/27/23 19:00	0.000	12.536	45.116	0.000	0.000	0.000
2/27/23 20:00	0.000	12.546	41.540	0.000	0.000	0.000
2/27/23 21:00	0.000	12.544	39.463	0.000	0.000	0.000
2/27/23 22:00	0.000	12.542	39.273	0.000	0.000	0.000
2/27/23 23:00	0.000	12.538	39.527	0.000	0.000	0.000
<b>Avg/Total:</b>	63.80	23.61	51.27	1043.7742	1265054.5600	42570.0000

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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

DEFINITIONS

Action 196131

DEFINITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 196131
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application: <ul style="list-style-type: none"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul>
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QUESTIONS

Action 196131

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 196131
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 Operator	[24650] TARGA MIDSTREAM SERVICES LLC
Incident Type	Flare
Incident Status	Closure Not Approved
Incident Well	Unavailable.
Incident Facility	[fPAC0608141749] Targa Vada Compressor Station

*Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.*

**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 this vent or flare caused by an emergency or malfunction	Yes
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a vent or flare event	Yes, major 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 <b>at least 50 MCF</b> of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of <b>ANY</b> 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 vent or flare within an incorporated municipal boundary or withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

**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	72
Nitrogen (N2) percentage, if greater than one percent	3
Hydrogen Sulfide (H2S) PPM, rounded up	7,838
Carbon Dioxide (C02) percentage, if greater than one percent	4
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 Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 196131

QUESTIONS (continued)

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 196131
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/27/2023
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	11:49 AM
Cumulative hours during this event	12

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: 1,044 Mcf   Recovered: 0 Mcf   Lost: 1,044 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 this vent or flare a result of downstream activity	No
Was notification of downstream activity received by this operator	Not answered.
Downstream OGRID that should have notified this operator	Not answered.
Date notified of downstream activity requiring this vent or flare	
Time notified of downstream activity requiring this vent or flare	Not answered.

Steps and Actions to Prevent Waste	
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control	True
Please explain reason for why this event was beyond this operator's control	Gas was flared when the facility lost third party purchase power. This event was caused by the actions of a third party and was outside Targa's control.
Steps taken to limit the duration and magnitude of vent or flare	Gas was flared until third-party purchase power was restored.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	There was no corrective action required by Targa; this event was caused by the actions of a third party and was outside Targa's control.

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ACKNOWLEDGMENTS  
  
Action 196131

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ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.
<input checked="" type="checkbox"/>	I hereby certify the statements in this amending report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
<input checked="" type="checkbox"/>	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
<input checked="" type="checkbox"/>	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.

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CONDITIONS

Action 196131

CONDITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 196131
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
tillmana	If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	3/13/2023