

SHIPPING ADDRESS:  
2800 WESTOVER STREET  
ODESSA, TEXAS 79764



LABORATORIES, INC.

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

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

09/12/24

EXTENDED GAS ANALYSIS

LAB 76024

TARGA: VADA  
INLET: 139100005

	MOL %	GPM
HYDROGEN SULFIDE	0.4988	0.000
NITROGEN	3.1811	0.000
METHANE	71.2627	0.000
CARBON DIOXIDE	1.6249	0.000
ETHANE	10.5203	2.810
PROPANE	6.4666	1.779
ISO-BUTANE	0.9791	0.320
N-BUTANE	2.2666	0.714
ISO-PENTANE	0.6826	0.249
N-PENTANE	0.7443	0.269
NEOHEXANE	0.0156	0.007
CYCLOPENTANE	0.0802	0.024
2-METHYLPENTANE	0.1925	0.080
3-METHYLPENTANE	0.1102	0.045
N-HEXANE	0.2597	0.107
METHYLCYCLOPENTANE	0.1330	0.047
BENZENE	0.0781	0.022
CYCLOHEXANE	0.1412	0.048
2-METHYLHEXANE	0.0573	0.027
3-METHYLHEXANE	0.0748	0.034
DIMETHYLCYCLOPENTANES	0.0675	0.028
N-HEPTANE	0.0940	0.043
METHYLCYCLOHEXANE	0.1447	0.058
TRIMETHYLCYCLOPENTANES	0.0054	0.003
TOLUENE	0.0706	0.024
2-METHYLHEPTANE	0.0478	0.025
3-METHYLHEPTANE	0.0000	0.000
DIMETHYLCYCLOHEXANES	0.0295	0.013
N-OCTANE	0.0266	0.014
ETHYL BENZENE	0.0067	0.003
M&P-XYLENES	0.0238	0.009
O-XYLENE	0.0062	0.002
C9 NAPHTHENES	0.0247	0.013
C9 PARAFFINS	0.0441	0.026
N-NONANE	0.0085	0.005
N-DECANE	0.0066	0.004
UNDECANE PLUS	0.0237	0.016
TOTALS	100.0000	6.868

SPECIFIC GRAVITY 0.825  
GROSS DRY BTU/CU.FT. 1325.2  
GROSS WET BTU/CU.FT. 1302.6  
TOTAL MOL. WT. 23.795  
MOL. WT. C6+ 93.385  
SP. GRAVITY C6+ 3.712  
MOL. WT. C7+ 106.176  
SP. GRAVITY C7+ 4.532  
BASIS: 14.65 PSIA @ 60 °F

SAMPLED: 09/04/24  
13 PSI @ 84 °F  
RUN: 09/10/24  
SPOT SR  
CYLINDER: 169  
DISTRIBUTION: JOSEPH AUSTIN  
4988.06 PPM H2S

**Name:** 139100004  
**Desc:** Vada Low Pressure Flare  
**Facility ID:** LOWPRSRFL\_R1  
**Facility Desc:** Vada Low Pressure Flare  
**Associated Loc:** VADA

Hourly Time	Pulses	DP inH2O	SP psi	Temp F
8/11/25 0:00	-	0.00	12.63	63.51
8/11/25 1:00	-	0.00	12.63	62.72
8/11/25 2:00	-	0.00	12.62	64.18
8/11/25 3:00	-	0.00	12.63	64.57
8/11/25 4:00	-	0.00	12.63	63.51
8/11/25 5:00	-	0.00	12.63	62.45
8/11/25 6:00	-	0.00	12.64	61.66
8/11/25 7:00	-	0.00	12.63	64.80
8/11/25 8:00	-	0.00	12.65	68.88
8/11/25 9:00	-	0.00	12.64	77.92
8/11/25 10:00	-	0.00	12.64	79.62
8/11/25 11:00	-	0.00	12.64	84.00
8/11/25 12:00	-	0.00	12.63	88.21
8/11/25 13:00	-	0.00	12.62	92.85
8/11/25 14:00	-	0.00	12.62	96.29
8/11/25 15:00	-	0.00	12.61	95.42
8/11/25 16:00	-	0.00	12.60	85.00
8/11/25 17:00	-	0.00	12.60	73.22
8/11/25 18:00	-	0.00	12.60	69.48
8/11/25 19:00	-	130.07	20.90	64.88
8/11/25 20:00	-	128.39	17.50	71.84
8/11/25 21:00	-	4.72	12.82	59.11
8/11/25 22:00	-	0.00	12.65	61.27
8/11/25 23:00	-	0.00	12.64	63.92
<hr/>				
<b>Total:</b>	0.00	263.18	316.40	1,739.32
<b>Average:</b>	#DIV/0!	10.97	13.18	72.47
<b>Min:</b>	0.00	0.00	12.60	59.11
<b>Max:</b>	0.00	130.07	20.90	96.29
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**Type:** Meter (Gas)  
**Contract Hr:** 0  
**SiteService:** VRSDO.UIS  
**Time Zone:** (UTC-07:00) Mountain Time (US & Car  
**DST:** Yes

Volume MCF	Energy MBTU	FlowTime sec
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
9.47	11,482.22	524.00
45.26	54,856.31	2,810.00
0.21	255.19	84.00
0.00	0.00	0.00
0.00	0.00	0.00
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54.95	2,774.74	3,418.00
2.29	2,774.74	142.42
0.00	0.00	0.00
45.26	54,856.31	2,810.00
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Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

DEFINITIONS

Action 496343

DEFINITIONS

Operator:  TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID:  24650
	Action Number:  496343
	Action Type:  [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

<p>For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:</p> <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 496343

**QUESTIONS**

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 496343
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

<b>Prerequisites</b> <i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	Unavailable.
Incident Facility	[fPAC0608141749] Targa Vada Compressor Station

<b>Determination of Reporting Requirements</b> <i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
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	No
Is this considered a submission for a vent or flare event	Yes, minor venting and/or flaring of natural gas.
<i>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.</i>	
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 within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

<b>Equipment Involved</b>	
Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b> <i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	71
Nitrogen (N2) percentage, if greater than one percent	3
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	2
Oxygen (O2) percentage, if greater than one percent	0
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
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.

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QUESTIONS, Page 2

Action 496343

**QUESTIONS (continued)**

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 496343
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	08/11/2025
Time vent or flare was discovered or commenced	07:51 PM
Time vent or flare was terminated	10:01 PM
Cumulative hours 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: Lightning   Gas Compressor Station   Natural Gas Flared   Released: 55 Mcf   Recovered: 0 Mcf   Lost: 55 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	Not answered.
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 routed to flare as a result of a thunderstorm. Thunderstorms are outside of Targa's control.
Steps taken to limit the duration and magnitude of vent or flare	Operations personnel responded immediately to the unexpected shutdown and restarted units as soon as possible when the thunderstorm ended.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	There were no corrective actions required of Targa. Thunderstorms are outside of Targa's control.



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ACKNOWLEDGMENTS

Action 496343

**ACKNOWLEDGMENTS**

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 496343
	Action Type: [C-129] Venting and/or Flaring (C-129)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a <b>complete</b> C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
<input checked="" type="checkbox"/>	I hereby certify the statements in this 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 496343

CONDITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 496343
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
amberg	If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	8/15/2025