

SHIPPING ADDRESS:
2800 WESTOVER STREET
ODESSA, TEXAS 79764



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

LABORATORIES, INC.

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

Type: Meter (Gas)
Contract Hr: 0
SiteService: VRSDO.UIS
Time Zone: (UTC-07:00) Mountain Tir
DST: Yes

Hourly Time	Pulses	DP inH2O	SP psi	Temp F	Volume MCF	Energy MBTU	FlowTime sec
9/5/25 0:00	-	0.00	12.59	76.56	0.00	0.00	0.00
9/5/25 1:00	-	0.00	12.59	74.31	0.00	0.00	0.00
9/5/25 2:00	-	0.00	12.58	71.83	0.00	0.00	0.00
9/5/25 3:00	-	0.00	12.59	70.82	0.00	0.00	0.00
9/5/25 4:00	-	0.00	12.59	69.50	0.00	0.00	0.00
9/5/25 5:00	-	0.00	12.59	67.71	0.00	0.00	0.00
9/5/25 6:00	-	0.00	12.60	65.66	0.00	0.00	0.00
9/5/25 7:00	-	131.57	17.77	72.43	45.80	55,510.33	2,790.00
9/5/25 8:00	-	115.59	16.14	74.12	40.66	49,274.89	2,817.00
9/5/25 9:00	-	0.00	12.63	69.60	0.00	0.00	0.00
9/5/25 10:00	-	0.00	12.64	64.11	0.00	0.00	0.00
9/5/25 11:00	-	0.00	12.64	66.11	0.00	0.00	0.00
9/5/25 12:00	-	0.00	12.64	68.29	0.00	0.00	0.00
9/5/25 13:00	-	0.00	12.63	71.30	0.00	0.00	0.00
9/5/25 14:00	-	0.00	12.63	71.99	0.00	0.00	0.00
9/5/25 15:00	-	0.00	12.61	72.85	0.00	0.00	0.00
9/5/25 16:00	-	0.00	12.61	74.66	0.00	0.00	0.00
9/5/25 17:00	-	0.00	12.61	73.12	0.00	0.00	0.00
9/5/25 18:00	-	0.00	12.61	71.26	0.00	0.00	0.00
9/5/25 19:00	-	0.00	12.62	68.50	0.00	0.00	0.00
9/5/25 20:00	-	0.00	12.63	66.89	0.00	0.00	0.00
9/5/25 21:00	-	0.00	12.64	66.57	0.00	0.00	0.00
9/5/25 22:00	-	0.00	12.65	66.11	0.00	0.00	0.00
9/5/25 23:00	-	0.00	12.65	63.51	0.00	0.00	0.00
Total:	0.00	247.16	311.45	1,677.79	86.46	4,366.05	5,607.00
Average:	#DIV/0!	10.30	12.98	69.91	3.60	4,366.05	233.63
Min:	0.00	0.00	12.58	63.51	0.00	0.00	0.00
Max:	0.00	131.57	17.77	76.56	45.80	55,510.33	2,817.00

Sante Fe Main Office
Phone: (505) 476-3441

General Information
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Online Phone Directory
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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 504403

DEFINITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 504403
	Action Type: [C-129] Venting and/or Flaring (C-129)

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: • this application's operator, hereinafter "this operator"; • venting and/or flaring, hereinafter "vent or flare"; • any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms"; • the statements in (and/or attached to) this, hereinafter "the statements in this"; • and the past tense will be used in lieu of mixed past/present tense questions and statements.

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QUESTIONS

Action 504403

QUESTIONS

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	Action Number: 504403
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites <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

Determination of Reporting Requirements <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 at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare 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 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

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 <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	1
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 504403

QUESTIONS (continued)

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 504403
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	09/05/2025
Time vent or flare was discovered or commenced	07:14 AM
Time vent or flare was terminated	08:47 AM
Cumulative hours during this event	2

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure Gas Compressor Station Natural Gas Flared Released: 86 Mcf Recovered: 0 Mcf Lost: 86 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 false shutdown at Targa's Vada Compressor Station. Targa's compressor stations are equipped with systems to shutdown the compressor station to protect personnel and equipment and there was an erroneous reading that caused gas to be routed to flare.
Steps taken to limit the duration and magnitude of vent or flare	Operations personnel responded immediately to the unexpected shutdown. All parameters were checked and units restarted once deemed safe to operate.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Targa checked all parameters and determined that it was erroneous reading. Units were restarted and the emission event ended.

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ACKNOWLEDGMENTS

Action 504403

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	Action Number: 504403
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☒	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 complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
☒	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.
☒	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.
☒	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.
☒	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 504403

CONDITIONS

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	Action Number: 504403
	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.	9/9/2025