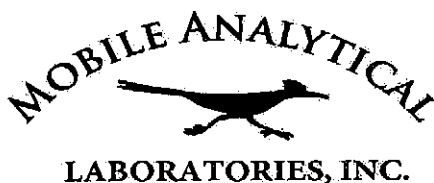


SHIPPING ADDRESS:
2800 WESTOVER STREET
ODESSA, TEXAS 79764



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

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

08/20/21

EXTENDED GAS ANALYSIS

LAB 60793

TARGA: VADA
INLET: 139100009

	MOL %	GPM
HYDROGEN SULFIDE	0.3669	0.000
NITROGEN	3.6197	0.000
METHANE	75.0794	0.000
CARBON DIOXIDE	2.1242	0.000
ETHANE	8.6900	2.320
PROPANE	4.7834	1.316
ISO-BUTANE	0.7911	0.258
N-BUTANE	1.6131	0.508
ISO-PENTANE	0.5141	0.188
N-PENTANE	0.4882	0.177
NEOHEXANE	0.0114	0.005
CYCLOPENTANE	0.0559	0.017
2-METHYLPENTANE	0.1323	0.055
3-METHYLPENTANE	0.0805	0.033
N-HEXANE	0.1909	0.078
METHYLCYCLOPENTANE	0.1158	0.041
BENZENE	0.0654	0.018
CYCLOHEXANE	0.1384	0.047
2-METHYLHEXANE	0.0095	0.004
3-METHYLHEXANE	0.1193	0.055
DIMETHYLCYCLOPENTANES	0.0885	0.036
N-HEPTANE	0.1168	0.054
METHYLCYCLOHEXANE	0.1987	0.080
TRIMETHYLCYCLOPENTANES	0.0144	0.007
TOLUENE	0.1048	0.035
2-METHYLHEPTANE	0.0766	0.039
3-METHYLHEPTANE	0.0027	0.001
DIMETHYLCYCLOHEXANES	0.0477	0.022
N-OCTANE	0.0614	0.031
ETHYL BENZENE	0.0175	0.007
M&P-XYLENES	0.0551	0.021
O-XYLENE	0.0152	0.006
C9 NAPHTHENES	0.0315	0.017
C9 PARAFFINS	0.0854	0.050
N-NONANE	0.0176	0.011
N-DECANE	0.0061	0.004
UNDECANE PLUS	0.0705	0.047
TOTALS	100.0000	5.588

SPECIFIC GRAVITY 0.793
GROSS DRY BTU/CU.FT. 1255.8
GROSS WET BTU/CU.FT. 1234.4
TOTAL MOL. WT. 22.867
MOL. WT. C6+ 98.721
SP. GRAVITY C6+ 4.020
MOL. WT. C7+ 109.126
SP. GRAVITY C7+ 4.721
BASIS: 14.65 PSIA @ 60 °F

SAMPLED: 08/18/21
30 PSI @ 84 °F
RUN: 08/19/21

SPOT SR
CYLINDER: 376

DISTRIBUTION: MR JOSEPH AUSTIN
3669.4 PPM H2S

Meter ID: 139100004		Location Vada Low Pressure Flare			VRSDO.UIS	
	DP	SP	Temp	Volume	Energy	FlowTime
	inH2O	psi	F	MCF	MBTU	sec
10/26/21 0:00	0.000	12.553	61.013	0.000	0.000	0.000
10/26/21 1:00	0.000	12.546	59.199	0.000	0.000	0.000
10/26/21 2:00	0.000	12.539	56.739	0.000	0.000	0.000
10/26/21 3:00	0.000	12.531	55.386	0.000	0.000	0.000
10/26/21 4:00	0.000	12.522	53.630	0.000	0.000	0.000
10/26/21 5:00	0.000	12.515	52.256	0.000	0.000	0.000
10/26/21 6:00	0.000	12.524	53.399	0.000	0.000	0.000
10/26/21 7:00	0.000	12.512	54.454	0.000	0.000	0.000
10/26/21 8:00	0.000	12.510	60.548	0.000	0.000	0.000
10/26/21 9:00	0.000	12.505	70.745	0.000	0.000	0.000
10/26/21 10:00	0.000	12.489	79.569	0.000	0.000	0.000
10/26/21 11:00	0.000	12.472	81.810	0.000	0.000	0.000
10/26/21 12:00	0.000	12.451	84.004	0.000	0.000	0.000
10/26/21 13:00	0.000	12.439	85.488	0.000	0.000	0.000
10/26/21 14:00	0.000	12.427	85.043	0.000	0.000	0.000
10/26/21 15:00	0.000	12.427	82.939	0.000	0.000	0.000
10/26/21 16:00	0.000	12.427	80.619	0.000	0.000	0.000
10/26/21 17:00	0.000	12.433	74.937	0.000	0.000	0.000
10/26/21 18:00	0.000	12.451	69.460	0.000	0.000	0.000
10/26/21 19:00	0.000	12.461	65.739	0.000	0.000	0.000
10/26/21 20:00	54.447	15.204	59.778	14.275	17301.270	1542.000
10/26/21 21:00	79.363	16.768	60.200	43.270	52443.120	3506.000
10/26/21 22:00	88.274	17.534	59.706	48.359	58610.860	3589.000
10/26/21 23:00	80.000	16.808	58.909	43.232	52397.260	3490.000
Avg/Total:	12.59	13.17	66.90	149.1357	180752.5100	12127.0000

District I

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District II

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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 60405

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 60405
	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	[fPAC0608141749] Targa Vada Compressor 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 venting and/or flaring event	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	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	75
Nitrogen (N2) percentage, if greater than one percent	4
Hydrogen Sulfide (H2S) PPM, rounded up	3,669
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	10/26/2021
Time venting and/or flaring was discovered or commenced	08:34 PM
Time venting and/or flaring was terminated	11:58 PM
Cumulative hours during this event	3

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: High Line Pressure Gas Compressor Station Natural Gas Flared Released: 149 Mcf Recovered: 0 Mcf Lost: 149 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.
Was notification of downstream activity received by you or your operator	Not answered.
Downstream OGRID that should have notified you or your operator	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	Gas was intermittently routed to flare as a result of high line pressure. The high line pressure was the result of upstream maintenance being done on Targa's gathering system. Gas was routed to flare to protect personnel and equipment.
Steps taken to limit the duration and magnitude of venting and/or flaring	Gas was flared until the field maintenance could be completed and normal operations could be resumed.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	Once maintenance was complete, normal operations resumed and flaring ceased.

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CONDITIONS

Action 60405

CONDITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 60405
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
tillmana	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.	11/5/2021