

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

08/20/20

EXTENDED GAS ANALYSIS

LAB # 56744

TARGA RESOURCES: VADA
INLET: 139100005

	MOL %	GPM
HYDROGEN SULFIDE	0.6130	0.000
NITROGEN	4.5927	0.000
METHANE	66.3796	0.000
CARBON DIOXIDE	4.2110	0.000
ETHANE	10.0798	2.694
PROPANE	6.5327	1.799
ISO-BUTANE	0.9819	0.321
N-BUTANE	2.4370	0.768
ISO-PENTANE	0.7066	0.258
N-PENTANE	0.8150	0.295
NEOHEXANE	0.0153	0.006
CYCLOPENTANE	0.0990	0.029
2-METHYLPENTANE	0.2357	0.098
3-METHYLPENTANE	0.1395	0.057
N-HEXANE	0.3253	0.134
METHYLCYCLOPENTANE	0.1663	0.059
BENZENE	0.1187	0.033
CYCLOHEXANE	0.1550	0.053
2-METHYLHEXANE	0.0792	0.037
3-METHYLHEXANE	0.1162	0.053
DIMETHYLCYCLOPENTANES	0.1097	0.045
N-HEPTANE	0.1639	0.076
METHYLCYCLOHEXANE	0.2082	0.084
TRIMETHYLCYCLOPENTANES	0.0219	0.010
TOLUENE	0.1193	0.040
2-METHYLHEPTANE	0.1066	0.055
3-METHYLHEPTANE	0.0386	0.020
DIMETHYLCYCLOHEXANES	0.0820	0.037
N-OCTANE	0.0880	0.045
ETHYL BENZENE	0.0278	0.011
M&P-XYLENES	0.0568	0.022
O-XYLENE	0.0182	0.007
C9 NAPHTHENES	0.0406	0.022
C9 PARAFFINS	0.0623	0.036
N-NONANE	0.0183	0.011
N-DECANE	0.0029	0.002
UNDECANE PLUS	0.0354	0.024
TOTALS	100.0000	7.241

SPECIFIC GRAVITY 0.886
GROSS DRY BTU/CU.FT. 1327.6
GROSS WET BTU/CU.FT. 1304.9
TOTAL MOL. WT. 25.534
MOL. WT. C6+ 95.818
SP. GRAVITY C6+ 3.852
MOL. WT. C7+ 106.772
SP. GRAVITY C7+ 4.565
BASIS: 14.65 PSIA @ 60 °F

NOTES:

SAMPLED: 08/18/2020

10 PSIA @ 84 °F

DATE RUN 08/19/2020

SPOT BY: SR

CYLINDER NO. 823

DISTRIBUTION: MR ZACH MASON

6130.09 PPM H2S

Meter ID: 139100004

Location Vada Low Pressure Flare

VRSDO.UIS

	DP	SP	Temp	Volume	Energy	FlowTime
	inH2O	psi	F	MCF	MBTU	sec
6/20/21 0:00	0.000	12.553	72.351	0.000	0.000	0.000
6/20/21 1:00	0.000	12.552	71.859	0.000	0.000	0.000
6/20/21 2:00	0.000	12.548	70.937	0.000	0.000	0.000
6/20/21 3:00	0.000	12.542	69.787	0.000	0.000	0.000
6/20/21 4:00	0.000	12.539	68.468	0.000	0.000	0.000
6/20/21 5:00	0.000	12.537	67.309	0.000	0.000	0.000
6/20/21 6:00	0.000	12.543	68.176	0.000	0.000	0.000
6/20/21 7:00	0.000	12.545	74.046	0.000	0.000	0.000
6/20/21 8:00	0.000	12.545	79.909	0.000	0.000	0.000
6/20/21 9:00	0.000	12.539	86.082	0.000	0.000	0.000
6/20/21 10:00	0.000	12.535	94.157	0.000	0.000	0.000
6/20/21 11:00	0.000	12.532	102.767	0.000	0.000	0.000
6/20/21 12:00	0.000	12.528	105.723	0.000	0.000	0.000
6/20/21 13:00	0.000	12.518	109.080	0.000	0.000	0.000
6/20/21 14:00	0.000	12.508	111.860	0.000	0.000	0.000
6/20/21 15:00	0.000	12.496	112.998	0.000	0.000	0.000
6/20/21 16:00	0.000	12.489	111.146	0.000	0.000	0.000
6/20/21 17:00	0.000	12.486	102.647	0.000	0.000	0.000
6/20/21 18:00	125.386	25.106	81.718	65.303	79147.120	3356.000
6/20/21 19:00	0.000	12.508	88.277	0.000	0.000	0.000
6/20/21 20:00	0.000	12.517	80.552	0.000	0.000	0.000
6/20/21 21:00	0.000	12.513	79.122	0.000	0.000	0.000
6/20/21 22:00	0.000	12.525	75.701	0.000	0.000	0.000
6/20/21 23:00	0.000	12.536	75.821	0.000	0.000	0.000
Avg/Total:	5.22	13.05	85.85	65.3029	79147.1200	3356.0000

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 34891

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 34891
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS**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 or flaring caused by an emergency or malfunction	Yes
Did or will this venting 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 or flaring	Yes, minor venting or flaring of natural gas.
The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.15.297 NMAC.	
Was there or will there be at least 50 MCF of natural gas vented or flared during this event	Yes
Did this venting 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

Unregistered Facility Site

Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (##) yet.

Facility or Site Name	Not answered.
Facility Type	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	66
Nitrogen (N2) percentage, if greater than one percent	5
Hydrogen Sulfide (H2S) PPM, rounded up	6,130
Carbon Dioxide (CO2) 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 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 or flaring was discovered or commenced	06/20/2021
Time venting or flaring was discovered or commenced	06:00 PM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	06/20/2021
Time venting or flaring was terminated	06:56 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	1
Longest duration of cumulative hours within any 24-hour period 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: Power Failure Gas Compressor Station Natural Gas Flared Spilled: 65 Mcf Recovered: 0 Mcf Lost: 65 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 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 or flaring a result of downstream activity	Not answered.
Date notified of downstream activity requiring this venting or flaring	Not answered.
Time notified of downstream activity requiring this venting or flaring	Not answered.

Steps and Actions to Prevent Waste

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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 flared when the facility lost third party purchase power. Inlet gas was flared to protect personnel and equipment. The facility was being properly operated when the facility lost third party purchase power. Inlet gas was flared until the third party purchase power could be restored.
Steps taken to limit the duration and magnitude of venting or flaring	There was no corrective action required by Targa; this was a third party event outside Targa's control.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	When third party purchase power was restored, normal operations resumed and flaring ceased.

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CONDITIONS

Action 34891

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Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 34891
	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.	7/6/2021