

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

06/22/21

EXTENDED GAS ANALYSIS

LAB 59978

TARGA: MIDDLE PLANT
NORTH PLANT INLET GAS: 161223508

	MOL %	GPM
HYDROGEN SULFIDE	1.0815	0.000
NITROGEN	1.3443	0.000
METHANE	70.6417	0.000
CARBON DIOXIDE	3.8509	0.000
ETHANE	10.5645	2.822
PROPANE	6.2645	1.724
ISO-BUTANE	0.8616	0.282
N-BUTANE	2.2820	0.719
ISO-PENTANE	0.6499	0.237
N-PENTANE	0.7419	0.269
NEOHEXANE	0.0091	0.004
CYCLOPENTANE	0.0771	0.023
2-METHYLPENTANE	0.1790	0.074
3-METHYLPENTANE	0.1164	0.047
N-HEXANE	0.2439	0.100
METHYLCYCLOPENTANE	0.1359	0.048
BENZENE	0.0558	0.016
CYCLOHEXANE	0.1236	0.042
2-METHYLHEXANE	0.0495	0.023
3-METHYLHEXANE	0.0670	0.031
DIMETHYLCYCLOPENTANES	0.1142	0.047
N-HEPTANE	0.1019	0.047
METHYLCYCLOHEXANE	0.1327	0.053
TRIMETHYLCYCLOPENTANES	0.0146	0.007
TOLUENE	0.0650	0.022
2-METHYLHEPTANE	0.0565	0.029
3-METHYLHEPTANE	0.0023	0.001
DIMETHYLCYCLOHEXANES	0.0292	0.013
N-OCTANE	0.0339	0.017
ETHYL BENZENE	0.0117	0.005
M&P-XYLENES	0.0173	0.007
O-XYLENE	0.0056	0.002
C9 NAPHTHENES	0.0136	0.007
C9 PARAFFINS	0.0459	0.027
N-NONANE	0.0051	0.003
N-DECANE	0.0006	0.000
UNDECANE PLUS	0.0098	0.007
TOTALS	100.0000	6.755

SPECIFIC GRAVITY 0.837
GROSS DRY BTU/CU.FT. 1311.4
GROSS WET BTU/CU.FT. 1289.1
TOTAL MOL. WT. 24.144
MOL. WT. C6+ 93.229
SP. GRAVITY C6+ 3.706
MOL. WT. C7+ 104.621
SP. GRAVITY C7+ 4.432
BASIS: 14.65 PSIA @ 60 °F

SAMPLED: 06/17/21
255 PSI @ 113 °F

RUN: 06/21/21
SPOT SR

CYLINDER: 721

DISTRIBUTION: MR ZAC MASON
10814.7 PPM H2S

Meter ID: 0223505	Location N. Cat Flare		VRSDO UIS			
	DP inH2O	SP psi	Temp F	Volume MCF	Energy MBTU	FlowTime sec
9/21/21 0:00	0.000	12.935	79.574	0.000	0.000	0.000
9/21/21 1:00	0.000	12.943	77.334	0.000	0.000	0.000
9/21/21 2:00	0.000	12.955	74.226	0.000	0.000	0.000
9/21/21 3:00	0.000	12.964	72.260	0.000	0.000	0.000
9/21/21 4:00	0.000	12.982	70.900	0.000	0.000	0.000
9/21/21 5:00	0.000	13.008	69.323	0.000	0.000	0.000
9/21/21 6:00	0.000	13.028	67.838	0.000	0.000	0.000
9/21/21 7:00	0.000	13.049	67.558	0.000	0.000	0.000
9/21/21 8:00	0.000	13.066	70.539	0.000	0.000	0.000
9/21/21 9:00	0.000	13.082	75.089	0.000	0.000	0.000
9/21/21 10:00	0.000	13.093	83.397	0.000	0.000	0.000
9/21/21 11:00	0.000	13.099	88.730	0.000	0.000	0.000
9/21/21 12:00	0.000	13.095	93.841	0.000	0.000	0.000
9/21/21 13:00	93.739	34.380	81.529	1433.557	1803414.000	2381.000
9/21/21 14:00	54.352	26.735	77.281	1481.959	1864305.000	3600.000
9/21/21 15:00	41.883	24.295	79.583	525.581	661181.000	1550.000
9/21/21 16:00	0.000	13.076	88.602	0.000	0.000	0.000
9/21/21 17:00	0.000	13.078	82.948	0.000	0.000	0.000
9/21/21 18:00	0.000	13.084	77.700	0.000	0.000	0.000
9/21/21 19:00	0.000	13.093	73.447	0.000	0.000	0.000
9/21/21 20:00	0.000	13.106	70.399	0.000	0.000	0.000
9/21/21 21:00	0.000	13.112	68.441	0.000	0.000	0.000
9/21/21 22:00	0.000	13.116	67.069	0.000	0.000	0.000
9/21/21 23:00	0.000	13.117	66.100	0.000	0.000	0.000
Avg/Total:	7.92	14.98	75.99	3441.0971	4328900.0000	7531.0000

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 51214

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 51214
	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	[fPAC0728449244] Targa Eunice North 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, 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 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	Gas Compressor Station
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	71
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	1
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 and/or flaring was discovered or commenced	09/21/2021
Time venting and/or flaring was discovered or commenced	01:51 PM
Time venting and/or flaring was terminated	03:50 PM
Cumulative hours during this event	2

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: Power Failure Gas Compressor Station Natural Gas Flared Released: 3,441 Mcf Recovered: 0 Mcf Lost: 3,441 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	No
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	Third party purchase power interruption not within Targa's control
Steps taken to limit the duration and magnitude of venting and/or flaring	No action required by Targa
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	No action required by Targa

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CONDITIONS

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	Action Number: 51214
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
rebeccaw	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.	9/22/2021