

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 59979

TARGA: MIDDLE PLANT
SOUTH PLANT INLET GAS: 161233501

	MOL %	GPM
HYDROGEN SULFIDE	0.4220	0.000
NITROGEN	1.8741	0.000
METHANE	74.4394	0.000
CARBON DIOXIDE	1.8332	0.000
ETHANE	10.9606	2.927
PROPANE	5.6590	1.557
ISO-BUTANE	0.6901	0.225
N-BUTANE	1.9209	0.605
ISO-PENTANE	0.4740	0.173
N-PENTANE	0.5666	0.205
NEOHEXANE	0.0048	0.002
CYCLOPENTANE	0.0447	0.013
2-METHYLPENTANE	0.0998	0.041
3-METHYLPENTANE	0.0624	0.025
N-HEXANE	0.1476	0.061
METHYLCYCLOPENTANE	0.0765	0.027
BENZENE	0.0375	0.010
CYCLOHEXANE	0.0739	0.025
2-METHYLHEXANE	0.0279	0.013
3-METHYLHEXANE	0.0376	0.017
DIMETHYLCYCLOPENTANES	0.0638	0.026
N-HEPTANE	0.0670	0.031
METHYLCYCLOHEXANE	0.0821	0.033
TRIMETHYLCYCLOPENTANES	0.0099	0.005
TOLUENE	0.0460	0.015
2-METHYLHEPTANE	0.0411	0.021
3-METHYLHEPTANE	0.0018	0.001
DIMETHYLCYCLOHEXANES	0.0239	0.011
N-OCTANE	0.0353	0.018
ETHYL BENZENE	0.0127	0.005
M&P-XYLENES	0.0243	0.009
O-XYLENE	0.0091	0.004
C9 NAPHTHENES	0.0224	0.012
C9 PARAFFINS	0.0462	0.027
N-NONANE	0.0154	0.009
N-DECANE	0.0055	0.004
UNDECANE PLUS	0.0409	0.027
TOTALS	100.0000	6.184

SPECIFIC GRAVITY 0.784
GROSS DRY BTU/CU.FT. 1279.6
GROSS WET BTU/CU.FT. 1257.7
TOTAL MOL. WT. 22.612
MOL. WT. C6+ 97.788
SP. GRAVITY C6+ 3.958
MOL. WT. C7+ 110.314
SP. GRAVITY C7+ 4.792
BASIS: 14.65 PSIA @ 60 °F

SAMPLED: 06/17/21
269 PSI @ 99 °F
RUN: 06/21/21
SPOT SR
CYLINDER: 365
DISTRIBUTION: MR ZAC MASON
4220.19 PPM H2S

Meter ID: 0232624	Location South Booster Field Flar				VRSDO.UIS	
	DP inH2O	SP psi	Temp F	Volume MCF	Energy MBTU	FlowTime sec
10/10/21 0:00	0.000	31.758	68.275	0.000	0.000	0.000
10/10/21 1:00	0.000	31.309	66.453	0.000	0.000	0.000
10/10/21 2:00	0.000	30.724	63.378	0.000	0.000	0.000
10/10/21 3:00	0.000	30.453	62.256	0.000	0.000	0.000
10/10/21 4:00	0.000	30.317	59.027	0.000	0.000	0.000
10/10/21 5:00	0.000	30.261	59.385	0.000	0.000	0.000
10/10/21 6:00	0.000	30.045	57.414	0.000	0.000	0.000
10/10/21 7:00	0.000	30.121	64.711	0.000	0.000	0.000
10/10/21 8:00	0.000	30.073	78.405	0.000	0.000	0.000
10/10/21 9:00	0.000	30.187	85.027	0.000	0.000	0.000
10/10/21 10:00	0.000	30.397	85.562	0.000	0.000	0.000
10/10/21 11:00	0.000	33.087	85.641	0.000	0.000	0.000
10/10/21 12:00	1.719	36.363	84.551	147.398	177614.500	3542.000
10/10/21 13:00	1.928	36.371	80.775	160.137	192965.200	3600.000
10/10/21 14:00	1.648	36.374	80.871	38.283	46130.480	937.000
10/10/21 15:00	0.000	34.212	76.431	0.000	0.000	0.000
10/10/21 16:00	0.000	33.316	75.852	0.000	0.000	0.000
10/10/21 17:00	0.000	32.657	72.156	0.000	0.000	0.000
10/10/21 18:00	0.000	32.044	63.971	0.000	0.000	0.000
10/10/21 19:00	0.000	31.392	59.449	0.000	0.000	0.000
10/10/21 20:00	0.000	30.654	55.566	0.000	0.000	0.000
10/10/21 21:00	0.000	30.003	53.093	0.000	0.000	0.000
10/10/21 22:00	0.000	29.460	49.871	0.000	0.000	0.000
10/10/21 23:00	0.000	29.070	47.672	0.000	0.000	0.000
Avg/Total:	0.22	31.69	68.16	345.8176	416710.1800	8079.0000

02:15 ^ 2.25

02:15 ^ 2.25

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 55170

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 55170
	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	[fLWP0113437861] EUNICE SOUTH 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	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	2
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

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	10/10/2021
Time venting and/or flaring was discovered or commenced	12:00 PM
Time venting and/or flaring was terminated	02:16 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: 346 Mcf Recovered: 0 Mcf Lost: 346 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	Loss of third party purchase power - extreme winds
Steps taken to limit the duration and magnitude of venting and/or flaring	No actions required by Targa
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	No actions required by Targa

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CONDITIONS

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Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 55170
	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.	10/11/2021