

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	
9/21/21 0:00		0.000	22.467	74.754	0.000	0.000	0.000	
9/21/21 1:00		0.000	22.626	72.859	0.000	0.000	0.000	
9/21/21 2:00		0.000	22.416	69.446	0.000	0.000	0.000	
9/21/21 3:00		0.000	22.268	68.188	0.000	0.000	0.000	
9/21/21 4:00		0.000	21.931	67.301	0.000	0.000	0.000	
9/21/21 5:00		0.000	21.875	65.169	0.000	0.000	0.000	
9/21/21 6:00		0.000	21.788	63.667	0.000	0.000	0.000	
9/21/21 7:00		0.000	21.790	64.447	0.000	0.000	0.000	
9/21/21 8:00		0.000	26.567	68.008	0.000	0.000	0.000	
9/21/21 9:00		0.000	27.727	70.812	0.000	0.000	0.000	
9/21/21 10:00		0.000	28.797	74.421	0.000	0.000	0.000	
9/21/21 11:00		0.000	26.213	77.157	0.000	0.000	0.000	
9/21/21 12:00		0.000	23.312	78.584	0.000	0.000	0.000	
9/21/21 13:00		9.862	36.301	79.423	68.909	83035.400	699.000	
9/21/21 14:00		27.760	36.594	79.862	605.793	729980.500	3600.000	
9/21/21 15:00		28.041	36.598	80.197	605.655	729814.700	3600.000	
9/21/21 16:00		2.284	36.167	80.868	159.280	191932.400	3578.000	
9/21/21 17:00		0.404	36.145	80.214	0.428	516.064	21.000	
9/21/21 18:00		0.000	25.945	74.001	0.000	0.000	0.000	
9/21/21 19:00		0.000	23.525	67.064	0.000	0.000	0.000	
9/21/21 20:00		0.000	22.379	61.853	0.000	0.000	0.000	
9/21/21 21:00		0.000	22.009	58.650	0.000	0.000	0.000	
9/21/21 22:00		0.000	21.686	56.517	0.000	0.000	0.000	
9/21/21 23:00		0.000	21.581	55.172	0.000	0.000	0.000	
Avg/Total:		2.85	26.20	70.36	1440.0654	1735279.0644	11498.0000	

Meter ID: 0233275	Location S/B DISCHARGE FLARE			VRSDO UIS		
	DP inH2O	SP psi	Temp F	Volume MCF	Energy MBTU	FlowTime sec
9/21/21 0:00	0.000	13.463	74.496	0.000	0.000	0.000
9/21/21 1:00	0.000	13.476	72.997	0.000	0.000	0.000
9/21/21 2:00	0.000	13.501	71.012	0.000	0.000	0.000
9/21/21 3:00	0.000	13.519	68.533	0.000	0.000	0.000
9/21/21 4:00	0.000	13.539	67.293	0.000	0.000	0.000
9/21/21 5:00	0.000	13.565	66.260	0.000	0.000	0.000
9/21/21 6:00	0.000	13.611	64.261	0.000	0.000	0.000
9/21/21 7:00	0.000	13.643	63.304	0.000	0.000	0.000
9/21/21 8:00	28.367	16.767	63.870	2.367	2852.453	90.000
9/21/21 9:00	0.000	13.774	69.232	0.000	0.000	0.000
9/21/21 10:00	0.000	13.841	72.934	0.000	0.000	0.000
9/21/21 11:00	20.906	16.082	78.899	5.525	6657.125	221.000
9/21/21 12:00	0.000	13.785	81.485	0.000	0.000	0.000
9/21/21 13:00	196.995	41.644	79.420	152.882	184223.400	1188.000
9/21/21 14:00	0.339	17.852	85.599	1.266	1525.566	307.000
9/21/21 15:00	0.347	18.121	87.766	1.502	1809.682	362.000
9/21/21 16:00	7.306	15.796	82.029	3.596	4333.749	268.000
9/21/21 17:00	2.179	14.798	80.707	1.590	1916.044	197.000
9/21/21 18:00	0.000	13.712	75.894	0.000	0.000	0.000
9/21/21 19:00	0.000	13.686	70.699	0.000	0.000	0.000
9/21/21 20:00	0.000	13.699	65.084	0.000	0.000	0.000
9/21/21 21:00	0.000	13.667	60.577	0.000	0.000	0.000
9/21/21 22:00	0.000	13.686	57.304	0.000	0.000	0.000
9/21/21 23:00	0.000	13.698	54.953	0.000	0.000	0.000
Avg/Total:	10.69	15.54	71.44	168.7286	203318.0190	2633.0000

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 51219

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 51219
	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, 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	74
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	09/21/2021
Time venting and/or flaring was discovered or commenced	01:35 PM
Time venting and/or flaring was terminated	05:08 PM
Cumulative hours during this event	4

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: 1,609 Mcf Recovered: 0 Mcf Lost: 1,609 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 out of 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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Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 51219
	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