

# Monthly Meter Analysis

## May 2021

Targa Pipeline Company

Meter #: 0233151  
Name: Grobe Flare

**Sample**

Date: 05/26/2021

Type: Spot

Pressure: 13.0 H2O:

Temperature: 76.0 H2S: 6,229 ppm

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	0.0326		0.0826
Nitrogen, N2	4.4298		7.1477
Methane, C1	91.0894		84.1698
Ethane, C2	3.4934	0.9309	6.0504
Propane, C3	0.1418	0.0389	0.3602
Isobutane, iC4	0.0048	0.0016	0.0161
n-Butane, nC4	0.0231	0.0073	0.0773
Isopentane, iC5	0.0056	0.0020	0.0233
n-Pentane, nC5	0.0113	0.0041	0.0470
Hexanes Plus, C6+	0.1453	0.0646	0.8028
Argon, Ar			
Carbon Monoxide, CO			
Hydrogen, H2			
Oxygen, O2			
Helium, He			
Water, H2O			
Hydrogen Sulfide, H2S	0.6229		1.2228
Totals	100.0000	1.0494	100.0000

Property	Total Sample
Pressure Base	14.650
Temperature Base	60.00
Relative Density	0.6004
HV, Dry @ Base P,T	997.56
HV, Sat @ Base P, T	980.11
HV, Sat @ Sample P, T	
Cricondentherm	
HCDP @ Sample Pressure	
Full Wellstream	
Free Water	
Condensate	
26 # RVP Gasoline	0.119
Testcar Permian	0.278
Testcar Panhandle	0.403
Testcar Midcon	0.451

\*\*\* End of Report \*\*\*

Meter ID: 0233151	Location GROBE FLARE			VRSDO.UIS		
	DP inH2O	SP psi	Temp F	Volume MCF	Energy MBTU	FlowTime sec
7/8/21 0:00	0.000	14.792	68.687	0.000	0.000	0.000
7/8/21 1:00	0.000	14.998	68.175	0.000	0.000	0.000
7/8/21 2:00	0.000	14.718	67.361	0.000	0.000	0.000
7/8/21 3:00	0.000	14.491	66.462	0.000	0.000	0.000
7/8/21 4:00	0.000	14.362	65.689	0.000	0.000	0.000
7/8/21 5:00	0.000	14.748	65.003	0.000	0.000	0.000
7/8/21 6:00	0.000	14.922	64.947	0.000	0.000	0.000
7/8/21 7:00	0.000	14.792	69.393	0.000	0.000	0.000
7/8/21 8:00	0.000	16.140	80.207	0.000	0.000	0.000
7/8/21 9:00	1.532	33.728	94.046	0.267	325.013	29.000
7/8/21 10:00	1.474	33.637	90.046	15.752	19170.230	1742.000
7/8/21 11:00	1.399	34.007	97.671	4.093	4981.750	465.000
7/8/21 12:00	1.523	34.117	91.768	25.247	30725.160	2728.000
7/8/21 13:00	1.620	34.174	94.270	4.353	5297.021	458.000
7/8/21 14:00	1.741	34.144	92.708	24.212	29465.830	2477.000
7/8/21 15:00	2.291	34.247	89.695	16.801	20446.730	1493.000
7/8/21 16:00	0.000	18.436	98.303	0.000	0.000	0.000
7/8/21 17:00	0.000	21.825	101.675	0.000	0.000	0.000
7/8/21 18:00	1.651	34.185	87.237	20.149	24521.370	2106.000
7/8/21 19:00	1.612	34.378	84.023	16.247	19773.030	1700.000
7/8/21 20:00	1.105	34.169	80.654	3.916	4765.784	490.000
7/8/21 21:00	1.857	34.256	79.572	13.752	16735.830	1332.000
7/8/21 22:00	0.000	20.004	76.913	0.000	0.000	0.000
7/8/21 23:00	0.000	19.692	74.816	0.000	0.000	0.000
<b>Avg/Total:</b>	<b>0.74</b>	<b>24.54</b>	<b>81.22</b>	<b>144.7886</b>	<b>176207.7484</b>	<b>15020.0000</b>

**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 35850

**QUESTIONS**

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 35850
	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.
<b>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 19.13.29 NMAC.</b>	
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	Grobe CS
Facility Type	Compressor Station - (CS)

**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	91
Nitrogen (N2) percentage, if greater than one percent	4
Hydrogen Sulfide (H2S) PPM, rounded up	1
Carbon Dioxide (CO2) percentage, if greater than one percent	0
Oxygen (O2) percentage, if greater than one percent	0
<b>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</b>	
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	07/08/2021
Time venting or flaring was discovered or commenced	10:00 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	07/08/2021
Time venting or flaring was terminated	09:22 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	4
Longest duration of cumulative hours within any 24-hour period during this event	4

**Measured or Estimated Volume of Vented or Flared Natural Gas**

Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Other   Gas Compressor Station   Natural Gas Flared   Spilled: 145 Mcf   Recovered: 0 Mcf   Lost: 145 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**

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	Field pressure low - compressor shutdown
Steps taken to limit the duration and magnitude of venting or flaring	Flared inlet gas until unit could be put back online
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	No action required

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CONDITIONS  
  
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Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 35850
	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.	7/9/2021