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575.397.3713 2609 W MARLAND HOBBS, NEW MEXICO 88240

### EXTENDED GAS REPORT SUMMARY OF CHROMATOGRAPHIC ANALYSIS

<b>Sample Name:</b>	Rattlesnake Compressor Station	<b>For:</b>	22715G
<b>Sample Date:</b>	10/31/2024	<b>Cyl. Ident.:</b>	2024100574
<b>Sampled By:</b>	Alexis Vasquez	<b>Company:</b>	Targa
<b>Time Sampled:</b>	10:40	<b>Analysis Date:</b>	11/06/2024
<b>Sample Temp:</b>	77.0 F	<b>Analysis By:</b>	LC
<b>Sample Press:</b>	101.0	<b>Data File:</b>	LS2_1028.D

H<sub>2</sub>S (PPM) = 2.5

Component	Mole%	GPM REAL	GPM IDEAL
H <sub>2</sub> S	0.000		
Nitrogen	1.454		
Methane	72.978		
CO <sub>2</sub>	6.787		
Ethane	8.283	2.215	2.210
Propane	4.771	1.314	1.311
Isobutane	0.963	0.315	0.314
N-Butane	1.920	0.605	0.604
Isopentane	0.730	0.267	0.266
N-Pentane	0.652	0.236	0.236
Hexanes+	1.462	0.737	0.735
Total	100.000	5.689	5.676

### CALCULATED PARAMETERS

#### TOTAL ANALYSIS SUMMARY

MOLE WT: 24.105  
VAPOR PRESS PSIA: 3726.1  
SPECIFIC GRAVITY  
AIR = 1 (REAL): 0.8356  
AIR = 1 (IDEAL): 0.8323  
H<sub>2</sub>O = 1 (IDEAL): 0.394

REPORTED BASIS: 14.73  
Unnormalized Total: 101.070

#### HEATING VALUE

BTU/CUFT (DRY) 1254.7  
BTU/CUFT (WET) 1233.4

#### BTEX SUMMARY

WT% BENZENE 4.575  
WT% TOLUENE 1.791  
WT% E BENZENE 0.183  
WT% XYLENES 0.366

LAB MANAGER



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**Sample Name:** Rattlesnake Compressor Station  
**Company:** Targa

**Data File:** LS2\_1028.D

### \*ANALYSIS OF HEXANES PLUS

Component	MOLE%	WT%
2,2 DIMETHYL BUTANE	0.012	0.044
CYCLOPENTANE	0.010	0.031
2-METHYLPENTANE	0.007	0.024
3-METHYLPENTANE	0.007	0.024
HEXANE (C6)	0.006	0.023
DIMETHYLPENTANES	0.060	0.246
METHYLCYCLOPENTANE	0.006	0.022
2,2,3 TRIMETHYLBUTANE	0.000	0.000
BENZENE	0.018	0.058
CYCLOHEXANE	0.008	0.027
2-METHYLHEXANE	0.000	0.000
3-METHYLHEXANE	0.088	0.367
DIMETHYCYCLOPENTANES	0.000	0.000
HEPTANE (C7)	0.003	0.011
METHYLCYCLOHEXANE	0.008	0.033
2,5 DIMETHYLHEXANE	0.011	0.053
TOLUENE	0.010	0.038
2-METHYLHEPTANE	0.000	0.000
OTHER OCTANES	0.252	1.151
OCTANE (C8)	0.002	0.010
ETHYLCYCLOHEXANE	0.004	0.017
ETHYL BENZENE	0.003	0.012
M,P-XYLENE	0.003	0.015
O-XYLENE	0.003	0.013
OTHER NONANES	0.673	3.563
NONANE (C-9)	0.001	0.006
IC3 BENZENE	0.003	0.016
CYCLOOCTANE	0.000	0.000
NC3 BENZENE	0.000	0.000
TM BENZENE(S)	0.008	0.045
IC4 BENZENE	0.001	0.005
NC4 BENZENE	0.000	0.000
DECANES + (C10+)	0.202	1.120

### \*HEXANES PLUS SUMMARY

AVG MOLE WT	118.779
VAPOR PRESS PSIA	9.860
API GRAVITY @ 60F	58.7
SPECIFIC GRAVITY	
AIR = 1 (IDEAL):	2.975
H2O = 1 (IDEAL):	0.744

### COMPONENT RATIOS

HEXANES (C6) MOLE%	2.863
HEPTANES (C7) MOLE%	16.083
OCTANES (C8) MOLE%	19.389
NONANES (C9) MOLE%	46.988
DECANES+ (C10+) MOLE%	14.677
HEXANES (C6) WT%	2.032
HEPTANES (C7) WT%	13.350
OCTANES (C8) WT%	17.840
NONANES (C9) WT%	50.356
DECANES+ (C10+) WT%	16.422

Remarks: NR=NOT REPORTED ON FIELD TAG







## Monthly Vent / Blowdown Gas Report

LUC-XX-XX-XXX-XXX

VERSION 0.1: 22 February 2021

Please submit this form by the 5<sup>th</sup> business day of the month following the month the vent/blowdown occurred. Please submit a separate form for each site. All sections should be filled out by field personnel. **All red fields per event must be entered to calculate volumes correctly!** **All yellow fields should be entered if known for increased accuracy.**

Month Blowdown Occurred

December

Year

2024

Site

Red Hills

Employee Name

Willie Pierce

## Calculated (Pipeline) Volumes

Blowdown(s)				Purge/Vent			
Reference Meter Number		Blowdown (MCF)	58.47	Reference Meter Number		Volume Lost (MCF)	
Pipe ID (in)	12in Sch. 80	Length (Feet)	15,000.00	Beginning Date & Time		Vent Duration (Hours)	
Begin Press. (PSIG)	80.00	End Press. (PSIG)	0.00	Ending Date & Time		Gas Temp	
Gas Temp.		Specific Gravity		Pipe ID (in)		Specific Gravity	
Elevation (ft)				Orifice Size (in)		Elevation (ft)	
				Avg Pressure			
Reference Meter Number		Blowdown (MCF)		Reference Meter Number		Volume Lost (MCF)	
Pipe ID (in)		Length (Feet)		Beginning Date & Time		Vent Duration (Hours)	
Begin Press. (PSIG)		End Press. (PSIG)		Ending Date & Time		Gas Temp	
Gas Temp.		Specific Gravity		Pipe ID (in)		Specific Gravity	
Elevation (ft)				Orifice Size (in)		Elevation (ft)	
				Avg Pressure			
Reference Meter Number		Blowdown (MCF)		Reference Meter Number		Volume Lost (MCF)	
Pipe ID (in)		Length (Feet)		Beginning Date & Time		Vent Duration (Hours)	
Begin Press. (PSIG)		End Press. (PSIG)		Ending Date & Time		Gas Temp	
Gas Temp.		Specific Gravity		Pipe ID (in)		Specific Gravity	
Elevation (ft)				Orifice Size (in)		Elevation (ft)	
				Avg Pressure			

## Known (Station) Volumes

**Volumes must be known to calculate correctly!**

Type of Blowdown	Number of Occurrences	Known Volume (MCF) Blowdown	Volume (MCF)
		Multiplied by	
		Multiplied by	
		Multiplied by	

Total Volume (MCF):

58.47

## Comments:

32.0466, -103.4661 This is the location we blew down the line through a portable flare.

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
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State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

DEFINITIONS

Action 413835

DEFINITIONS

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 413835
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

<p>For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:</p> <ul style="list-style-type: none"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul>
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QUESTIONS

Action 413835

QUESTIONS

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 413835
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

<b>Prerequisites</b> 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	Unavailable.
Incident Facility	[fAPP2123031392] TARGA NORTHERN DELAWARE, LLC.

<b>Determination of Reporting Requirements</b> Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.	
Was this vent or flare caused by an emergency or malfunction	No
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a vent or flare 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 at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare 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 vent or flare within an incorporated municipal boundary or withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

<b>Equipment Involved</b>	
Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b> Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	73
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	7
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 Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 413835

QUESTIONS (continued)

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 413835
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	12/05/2024
Time vent or flare was discovered or commenced	09:20 AM
Time vent or flare was terminated	04:45 PM
Cumulative hours during this event	7

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Commissioning to Purge   Pipeline (Any)   Natural Gas Flared   Released: 58 Mcf   Recovered: 0 Mcf   Lost: 58 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 this vent or flare a result of downstream activity	No
Was notification of downstream activity received by this operator	Not answered.
Downstream OGRID that should have notified this operator	Not answered.
Date notified of downstream activity requiring this vent or flare	Not answered.
Time notified of downstream activity requiring this vent or flare	Not answered.

Steps and Actions to Prevent Waste	
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control.	True
Please explain reason for why this event was beyond this operator's control	Gas was routed to flare to perform a pipeline tie-in. It was necessary to depressurize the pipeline to flare to allow personnel to safely perform the pipeline tie-in.
Steps taken to limit the duration and magnitude of vent or flare	Gas was flared until the pipeline was depressurized and the pipeline tie-in was completed.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The pipeline tie-in was completed. Normal operations resumed, and flaring ceased.





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ACKNOWLEDGMENTS

Action 413835

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	Action Number:  413835
	Action Type:  [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a <b>complete</b> C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
<input checked="" type="checkbox"/>	I hereby certify the statements in this report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
<input checked="" type="checkbox"/>	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
<input checked="" type="checkbox"/>	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.

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CONDITIONS

Action 413835

CONDITIONS

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 413835
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
tillmana	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.	12/19/2024