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EXTENDED GAS REPORT SUMMARY OF CHROMATOGRAPHIC ANALYSIS

Sample Name:	Big Lizard Dehy	For:	20675G
Sample Date:	04/10/2024	Cyl. Ident.:	20254088297
Sampled By:	OD	Company:	Targa Midstream
Time Sampled:	09:40	Analysis Date:	04/12/2024
Sample Temp:	F	Analysis By:	BH
Sample Press:	0.0	Data File:	LS1_0499.D

H₂S (PPM) = 1.0

Component	Mole%	GPM REAL	GPM IDEAL
H ₂ S	0.000		
Nitrogen	2.219		
Methane	74.893		
CO ₂	1.745		
Ethane	11.206	2.996	2.989
Propane	5.828	1.605	1.601
Isobutane	0.753	0.246	0.246
N-Butane	1.772	0.559	0.557
Isopentane	0.441	0.161	0.161
N-Pentane	0.453	0.164	0.164
Hexanes+	0.690	0.279	0.277
Total	100.000	6.010	5.995

CALCULATED PARAMETERS

TOTAL ANALYSIS SUMMARY

MOLE WT: 22.088
VAPOR PRESS PSIA: 3846.9
SPECIFIC GRAVITY
AIR = 1 (REAL): 0.7650
AIR = 1 (IDEAL): 0.7625
H₂O = 1 (IDEAL): 0.364

REPORTED BASIS: 14.73
Unnormalized Total: 100.143

HEATING VALUE

BTU/CUFT (DRY) 1261.2
BTU/CUFT (WET) 1239.8

BTEX SUMMARY

WT% BENZENE 6.524
WT% TOLUENE 5.113
WT% E BENZENE 0.505
WT% XYLENES 1.684

LAB MANAGER

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Sample Name: Big Lizard Dehy
Company: Targa Midstream

Data File: LS1_0499.D***ANALYSIS OF HEXANES PLUS**

Component	MOLE%	WT%
2,2 DIMETHYL BUTANE	0.004	0.014
CYCLOPENTANE	0.031	0.111
2-METHYLPENTANE	0.090	0.350
3-METHYLPENTANE	0.050	0.194
HEXANE (C6)	0.112	0.430
DIMETHYLPENTANES	0.002	0.009
METHYLCYCLOPENTANE	0.049	0.187
2,2,3 TRIMETHYLBUTANE	0.000	0.000
BENZENE	0.042	0.149
CYCLOHEXANE	0.070	0.268
2-METHYLHEXANE	0.014	0.064
3-METHYLHEXANE	0.021	0.093
DIMETHYLCYCLOPENTANES	0.000	0.000
HEPTANE (C7)	0.032	0.145
METHYLCYCLOHEXANE	0.051	0.229
2,5 DIMETHYLHEXANE	0.001	0.005
TOLUENE	0.035	0.147
2-METHYLHEPTANE	0.009	0.045
OTHER OCTANES	0.016	0.082
OCTANE (C8)	0.010	0.049
ETHYLCYCLOHEXANE	0.003	0.016
ETHYL BENZENE	0.003	0.013
M,P-XYLENE	0.008	0.041
O-XYLENE	0.002	0.010
OTHER NONANES	0.005	0.035
NONANE (C-9)	0.003	0.020
IC3 BENZENE	0.000	0.000
CYCLOOCTANE	0.001	0.005
NC3 BENZENE	0.000	0.002
TM BENZENE(S)	0.000	0.000
IC4 BENZENE	0.001	0.004
NC4 BENZENE	0.000	0.001
DECANES + (C10+)	0.010	0.069

***HEXANES PLUS SUMMARY**

AVG MOLE WT	91.517
VAPOR PRESS PSIA	9.860
API GRAVITY @ 60F	64.8
SPECIFIC GRAVITY	
AIR = 1 (IDEAL):	2.975
H2O = 1 (IDEAL):	0.721

COMPONENT RATIOS

HEXANES (C6) MOLE%	41.244
HEPTANES (C7) MOLE%	35.492
OCTANES (C8) MOLE%	17.584
NONANES (C9) MOLE%	3.771
DECANES+ (C10+) MOLE%	1.909
HEXANES (C6) WT%	38.440
HEPTANES (C7) WT%	34.543
OCTANES (C8) WT%	19.439
NONANES (C9) WT%	4.719
DECANES+ (C10+) WT%	2.859

Remarks: spot

* Hexane+ portion calculated by Allocation Process

Big Lizard CS Event 4/22:

Gas was routed to atmosphere when multiple compressors were depressurized to atmosphere when the station unexpectedly shut down due to high O2 from upstream third-party producers. Gas was vented until the units were restarted. There was no corrective action required by Targa; this event was caused by the actions of a third party and was outside Targa's control.

Provider	Unit Number	Location	Engine Type	All to Atm (Scf)	Number of Blowdowns	Volume Released During Event (MSCF)
Kodiak	1148	Big Lizard	3606	5,159	2	10.32
Kodiak	2113	Big Lizard	3606	5,159	1	5.16
Kodiak	3155	Big Lizard	3606	5,159	3	15.48
Kodiak	3171	Big Lizard	3606	5,159	2	10.32
Kodiak	3319	Big Lizard	3606	5,159	1	5.16
Kodiak	3338	Big Lizard	3608	6,185	2	12.37
Kodiak	3339	Big Lizard	3608	6,185	2	12.37
Kodiak	3346	Big Lizard	3516	3,804	2	7.61
Kodiak	3347	Big Lizard	3516	3,804	2	7.61
Kodiak	3450	Big Lizard	3606	5,159	2	10.32
TOTAL	N/A	N/A	N/A	N/A	19	96.72

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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 341041

DEFINITIONS

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 341041
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

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

Action 341041

QUESTIONS

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 341041
	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	Unavailable.
Incident Facility	[fAPP2123031392] TARGA NORTHERN DELAWARE, LLC.

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 this vent or flare caused by an emergency or malfunction	Yes
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

Equipment Involved	
Primary Equipment Involved	Not answered.
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	75
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) 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 Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	0

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QUESTIONS, Page 2

Action 341041

QUESTIONS (continued)

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 341041
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/22/2024
Time vent or flare was discovered or commenced	10:35 AM
Time vent or flare was terminated	12:00 PM
Cumulative hours during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Pipeline Quality Specifications Gas Compressor Station Natural Gas Vented Released: 97 Mcf Recovered: 0 Mcf Lost: 97 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
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 atmosphere when multiple compressors were depressurized to atmosphere when the station unexpectedly shut down due to high O2 from upstream third-party producers.
Steps taken to limit the duration and magnitude of vent or flare	Gas was vented until the units were restarted.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	There was no corrective action required by Targa; this event was caused by the actions of a third party and was outside Targa's control.

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ACKNOWLEDGMENTS

Action 341041

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	Action Number: 341041
	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 complete 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 341041

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	Action Number: 341041
	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.	5/6/2024