



Certificate of Analysis

Number: 6030-23050401-010A

Artesia Laboratory

200 E Main St.

Artesia, NM 88210

Phone 575-746-3481

Ray Glidewell
Targa Resources
1 Mile North NM Hwy 248
Eunice, NM 88231

June 01, 2023

Station Name: Rojo Lean Fuel
Station Number: 83741
Station Location: Lucid
Sample Point: Sales
Instrument: 70104251 (Inficon GC-MicroFusion)
Last Inst. Cal.: 05/30/2023 0:00 AM
Analyzed: 06/01/2023 12:16:01 by EBH

Sampled By: Cesar Ramirez
Sample Of: Gas Spot
Sample Date: 05/19/2023 09:14
Sample Conditions: 944.25 psia, @ 83.86 °F
Effective Date: 05/19/2023 09:14
PO/Ref. No: TAR271547
Method: GPA-2261M
Cylinder No: 9999-002363

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.0000	0.0000	0.0000		GPM TOTAL C2+	1.308
Nitrogen	1.6616	1.6475	2.7040		GPM TOTAL C3+	0.077
Methane	93.9658	93.1678	87.5693		GPM TOTAL iC5+	0.015
Carbon Dioxide	0.3350	0.3322	0.8566			
Ethane	4.6317	4.5924	8.0904	1.231		
Propane	0.2100	0.2082	0.5379	0.057		
Iso-butane	0.0057	0.0057	0.0194	0.002		
n-Butane	0.0105	0.0104	0.0354	0.003		
Iso-pentane	0.0032	0.0032	0.0135	0.001		
n-Pentane	0.0036	0.0036	0.0152	0.001		
Hexanes Plus	0.0292	0.0290	0.1583	0.013		
	100.8563	100.0000	100.0000	1.308		

Calculated Physical Properties

	Total	C6+
Relative Density Real Gas	0.5904	3.2176
Calculated Molecular Weight	17.07	93.19
Compressibility Factor	0.9978	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.73 psia & 60°F

Real Gas Dry BTU	1034	5141
Water Sat. Gas Base BTU	1017	5052
Ideal, Gross HV - Dry at 14.73 psia	1032.2	5141.1
Ideal, Gross HV - Wet	1014.2	5051.6

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

**TARGA****NDL Blowdown/Vent Estimate**

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.

Date of Occurrence (m/d/yyyy)	1/14/2024	Reported By (First and Last Name)	Pedro Lima
Site (Select)	FIELD - RESIDUE PIPE BALANCE	If "FIELD" for Site, Pipe Name	Rojo Banco - TW Delivery

Calculated Volumes							
Blowdown(s)				Purge/Vent			
Reference Meter Number		Blowdown (MCF)		Reference Meter Number		Volume Lost (MCF)	7,527.55
Pipe ID (in)		Length (Feet)		Beginning Date & Time	01/14/2024 0445	Vent Duration (Hours)	2.17
Begin Press. (PSIG)		End Press. (PSIG)		Ending Date & Time	01/14/2024 0655	Gas Temp	
Gas Temp.		Specific Gravity		Pipe ID (in)	16in Sch. 30	Specific Gravity	
Elevation (ft)				Orifice Size (in)	2	Elevation (ft)	
				Avg Pressure	950.00		
Reference Meter Number		Blowdown (MCF)		Reference Meter Number		Volume Lost (MCF)	5,500.90
Pipe ID (in)		Length (Feet)		Beginning Date & Time	01/14/2024 0930	Vent Duration (Hours)	1.58
Begin Press. (PSIG)		End Press. (PSIG)		Ending Date & Time	01/14/2024 1105	Gas Temp	
Gas Temp.		Specific Gravity		Pipe ID (in)	16in Sch. 30	Specific Gravity	
Elevation (ft)				Orifice Size (in)	2	Elevation (ft)	
				Avg Pressure	950.00		
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					
<u>Volumes must be known to calculate correctly!</u>					
Type of Blowdown	Number of Occurances		Known Volume (MCF) Blowdown		Volume (MCF)
		Multiplied by		Equals	
		Multiplied by		Equals	
		Multiplied by		Equals	

Total Volume (MCF): 13,028.45

Comments:
Residue blowdown due to off-spec, 32.211696,-103.594646

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District IV
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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 304644

DEFINITIONS

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 304644
	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: • 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 304644

QUESTIONS

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	Action Number: 304644
	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, 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 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	Pipeline (Any)
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	93
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	0
Oxygen (02) 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	4
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (02) percentage quality requirement	0

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QUESTIONS, Page 2

Action 304644

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	01/14/2024
Time vent or flare was discovered or commenced	04:45 AM
Time vent or flare was terminated	11:05 AM
Cumulative hours during this event	4

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Pipeline Quality Specifications Pipeline (Any) Natural Gas Vented Released: 13,028 Mcf Recovered: 0 Mcf Lost: 13,028 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 vented to atmosphere to purge the pipeline of off-spec residue gas. It was necessary to purge the line to bring the residue gas line back within specification. Third party gas producers sent off spec gas to the inlet of the processing facilities which resulted in off spec gas in the residue line.
Steps taken to limit the duration and magnitude of vent or flare	Gas was vented until the pipeline was purged of off-spec residue gas. Once the residue gas was back within spec, the emission event ended.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The pipeline was purged and the emission event ended. Once the emission event ended, the line was put back in service.

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ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

☒	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.
☒	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.
☒	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.
☒	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.
☒	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

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CONDITIONS

Created By	Condition	Condition Date
jfuentes	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.	1/17/2024