

Certificate of Analysis

Number: 6030-22100036-001A

Artesia Laboratory 200 E Main St. Artesia, NM 88210 Phone 575-746-3481

Oct. 04, 2022

Station Name: Greyhound Discharge Sampled By: Cesar Ramirez 95769 Sample Of: Gas Station Number: Spot Sample Date: Station Location: Lucid 10/04/2022 07:36 Sample Point: Downstream Sample Conditions: 1193 psia, @ 102.41 °F Type of Sample: Spot-Cylinder Effective Date: 10/04/2022 07:36

Heat Trace Used: N/A PO/Ref. No: TAR257398
Sampling Method: Fill and Purge Method: GPA 2286

Sampling Company: Lucid Cylinder No: 5030-03572

Analyzed: 10/04/2022 13:18:07 by EBH Instrument: 6030_GC2 (Agilent GC-7890B)

Last Inst. Cal.: 09/12/2022 12:00 PM

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.000	0.00000	0.000		GPM TOTAL C2+	6.373
Nitrogen	1.897	1.92900	2.391		GPM TOTAL C3+	3.327
Methane	72.860	74.09800	52.605		GPM TOTAL iC5+	0.802
Carbon Dioxide	1.813	1.84400	3.591			
Ethane	11.156	11.34600	15.097	3.046		
Propane	5.843	5.94200	11.595	1.643		
Iso-butane	0.789	0.80200	2.063	0.264		
n-Butane	1.920	1.95300	5.023	0.618		
Iso-pentane	0.497	0.50500	1.612	0.185		
n-Pentane	0.516	0.52500	1.676	0.191		
Hexanes Plus	1.038	1.05600	4.347	0.426		
	98.329	100.00000	100.000	6.373		
Calculated Physical	Properties	Total		C6+		
Relative Density Real	Gas	0.7831		3.2141		
Calculated Molecular Weight		22.60		93.09		
Compressibility Facto	r	0.9960				
GPA 2172 Calculatio	n:					
Calculated Gross BT	TU per ft ³ @ 14.73 ps	sia & 60°F				
Real Gas Dry BTU		1290.300		4974.292		
Water Sat. Gas Base	BTU	1267.80		4887.72		
Ideal, Gross HV - Dry	at 14.73 psia	1285.10		4974.29		
Ideal, Gross HV - Wet		1262.70		0.00		
As Delivered BTU		0.000	4	4974.292		

July 3

Hydrocarbon Laboratory Manager

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

Quality Assurance:

Comments: H2S Field Content 0 ppm



Station Name:

Station Number:

Station Location:

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Oct. 04, 2022

Greyhound Discharge Sampled By: Cesar Ramirez
95769 Sample Of: Gas Spot
Lucid Sample Date: 10/04/2022 07:36
Downstream Sample Conditions: 1193 psia, @ 102.41 °F

Sample Point: Downstream Sample Conditions: 1193 psia, @ Type of Sample: Spot-Cylinder PO/Ref. No: TAR257398 Heat Trace Used: N/A Method: GPA 2286 Sampling Method: Fill and Purge Cylinder No: 5030-03572

Sampling Method: Fill and Purge Cylinder No: 5030-03572 Sampling Company: Lucid Analyzed: 10/04/2022 13:17:13 by EBH

Analytical Data

			7111413110	<u></u>		
Components	Mol. %	Wt. %	GPM at 14.73 psia			
Hydrogen Sulfide	0.000	0.000				
Nitrogen	1.929	2.391				
Methane	74.098	52.605				
Carbon Dioxide	1.844	3.591				
Ethane	11.346	15.097	3.046			
Propane	5.942	11.595	1.643			
Iso-Butane	0.802	2.063	0.264			
n-Butane	1.953	5.023	0.618			
Iso-Pentane	0.505	1.612	0.185			
n-Pentane	0.525	1.676	0.191			
i-Hexanes	0.237	0.882	0.095			
n-Hexane	0.129	0.502	0.055			
Benzene	0.084	0.288	0.023			
Cyclohexane	0.102	0.384	0.035			
i-Heptanes	0.176	0.721	0.033			
n-Heptane	0.041	0.721	0.019			
Toluene	0.041	0.101	0.019			
i-Octanes	0.000	0.567	0.023			
n-Octane	0.124	0.056	0.006			
Ethylbenzene	0.011	0.035	0.003			
Xylenes	0.016	0.035	0.003			
i-Nonanes	0.016	0.075	0.006			
n-Nonane	0.024	0.126	0.012			
Decanes Plus	0.003	0.030	0.003			
Decanes Plus						
	100.000	100.000	6.373			
Calculated Physical I			Total	C10+		
Calculated Molecular \	•		22.60	164.71		
GPA 2172 Calculation						
Calculated Gross BT	U per ft³ @ 1	4.73 psia 8				
Real Gas Dry BTU			1290.3	8936.6		
Water Sat. Gas Base I			1267.8	8745.9		
Relative Density Real Gas		0.7831	5.6870			
Compressibility Factor		0.9960				
Ideal, Gross HV - Wet		1262.7				
Ideal, Gross HV - Dry at 14.73 psia		1285.1				
Net BTU Dry Gas - rea			1172			
Net BTU Wet Gas - rea	al gas		1152			

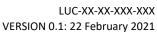
13 July 8

Hydrocarbon Laboratory Manager

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

Quality Assurance:

Comments: H2S Field Content 0 ppm





Please submit this form by the 5th 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. <u>All red fields per event must be entered to calculate volumes correctly!</u> <u>All yellow</u>

fields should be entered if known for increased accuracy.

fields should be entered if known for increased accuracy. 2023 Month Blowdown Occurred **February** Year SCE - Greyhound Kain Fierro/Kade Lucero Site **Employee Name Calculated (Pipeline) Volumes** Blowdown(s) Purge/Vent Reference Meter Blowdown Reference Meter Volume Lost 110.72 243.07 Number (MCF) Number (MCF) Length Vent Duration Beginning Date & 02/21/2023 1300 12in Sch. 80 32,525.20 Pipe ID (in) 0.67 (Feet) Time (Hours) End Press. Begin Press. 70.00 0.00 Ending Date & Time 02/21/2023 1340 Gas Temp (PSIG) (PSIG) Gas Temp. Specific Gravity 12in Sch. 80 Pipe ID (in) Specific Gravity 3.5 Elevation (ft) Orifice Size (in) Elevation (ft) Avg Pressure 20.00 Reference Meter Blowdown Reference Meter Volume Lost Number (MCF) Number (MCF) Length Beginning Date & Vent Duration Pipe ID (in) (Feet) Time (Hours) Begin Press. End Press. Ending Date & Time Gas Temp (PSIG) (PSIG) Gas Temp. Specific Gravity Pipe ID (in) Specific Gravity Elevation (ft) Orifice Size (in) Elevation (ft) Avg Pressure Reference Meter Reference Meter Volume Lost Number (MCF) Number (MCF) Beginning Date & Vent Duration Length Pipe ID (in) (Feet) Time (Hours) Begin Press. End Press Ending Date & Time Gas Temp (PSIG) (PSIG) Specific Gravity Gas Temp. Pipe ID (in) Specific Gravity Elevation (ft) Orifice Size (in) Elevation (ft) Avg Pressure **Known (Station) Volumes** Volumes must be known to calculate correctly! Number of Known Volume (MCF) Type of Blowdown Volume (MCF) Occurances Blowdown Multiplied by Equals Multiplied by Equals Multiplied by Equals Total Volume (MCF): 353.79 **Comments:** LOTO and blew down and purged the Gaucho 12" South Lateral for the Rio Blanco 4-33 CTB tie in.

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

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**

DEFINITIONS

Action 194954

DEFINITIONS

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	194954
	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.

District III

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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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

QUESTIONS

Action 194954

Operator Targa Nothern Delevace, LLC, 110W, 7h Street, State 2000 Tulsa, OK 74119 OUESTIONS Percequities And on Percent Perc	Phone:(505) 476-3470 Fax:(505) 476-3462	,	
Greaters Targa Northern Delevan, LLC. 10W. 7th Street, State 2000 2331548 Actor Number 159554 Actor Number 159	ο	LIESTIONS	
Tulsa, OK 74119 Action Number: 104064 Action Type: [C-129] Venting and/or Flaring (C-129) CPPrerequilities Asy massages presented in this section, will prevent submission of this application. Please resolve these Issues before continuing with the rest of the questions. Incident Facility [InAPP123031392] TARGA NORTHERN DELAWARE, LLC. Determination of Reporting Requirements Accessed a destion for Agoly. The Recognity automorals are calculated based on your ensures and may provide additional guitaneo. Was this vent or fine caused by an emergency or multimotion Did this vent or fine caused by an emergency or multimotion Is this considered a submission for a vent or first event Is the considered a submission for a vent or first event Vest there is the set of C-124 for a relater that, noticely level during this event Did this vent or fine result in the release of IAM Tiguids (not fully another completely finese) that is or may be a major or minor release ander 15.5.27 MMAC. Was there at least 50 MCP of natural gas vented and/or flated during this event Did this vent or fine result in the release of IAM Tiguids (not fully another completely finese) that is not a submission for a vented of reading the ground, a sufficie, a event of their event in the results of the accessor of reading the ground, a sufficie, a event of the results of the accessor of reading the ground, a sufficie, a event of the results of the accessor of reading the ground and the following the event Was there at the sets 50 MCP of natural gas vented and/or flated during this event Was there are the ass 50 MCP of natural gas. No Additional details for Equipment Involved. Primary Equipment Involved Primary Equipment Involved Primary Equipment Involved. Primary Equipment Invol		OLOTIONO	OGRID:
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	Carbon Dioxide (C02) percentage quality requirement	Not answered.	

Not answered.

Oxygen (02) percentage quality requirement

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, Page 2

Action 194954

QUESTIONS	(continued)
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Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300 Tulsa, OK 74119	Action Number: 194954
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)		
Date vent or flare was discovered or commenced	02/21/2023	
Time vent or flare was discovered or commenced	01:00 PM	
Time vent or flare was terminated	01:40 PM	
Cumulative hours during this event	1	

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Other Pipeline (Any) Natural Gas Vented Released: 354 Mcf Recovered: 0 Mcf Lost: 354 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 when a pipeline was depressurized to prepare for a pipeline tie in project and then purged to be put back into service.
Steps taken to limit the duration and magnitude of vent or flare	Gas was vented until the section of the pipeline could be depressurized for the pipeline tie in project.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The pipeline segment was depressurized, work was completed, and the line was purged to be put back into service. The emission event ended.

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ACKNOWLEDGMENTS

Action 194954

ACKNOWLEDGMENTS

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	194954
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

▽	I acknowledge that I am authorized to submit a Venting and/or Flaring (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.
V	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.
V	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 194954

CONDITIONS

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	194954
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

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.	3/8/2023