



Certificate of Analysis

Number: 6030-22110156-001A

Artesia Laboratory

200 E Main St.

Artesia, NM 88210

Phone 575-746-3481

Jeremy Aucoin
Crestwood Midstream Partners LP
811 Main St.
Houston, TX 77002

Nov. 17, 2022

Station Name: Plant 2 Fuel
Station Number: SD7-0009
Sample Point: upstream
Instrument: 6030_GC6 (Inficon GC-3000 Micro)
Last Inst. Cal.: 10/03/2022 0:00 AM
Analyzed: 11/16/2022 15:56:46 by EBH

Sampled By: Joey Ongaga
Sample Of: Gas Spot
Sample Date: 11/09/2022 14:58
Sample Conditions: 123.1 psia, @ 83.8 °F
Effective Date: 11/09/2022 14:58
Method: GPA-2261M
Cylinder No: 5030-04502

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia		
Nitrogen	1.4550	2.4724	0.160	GPM TOTAL C2+	0.302
Carbon Dioxide	0.0081	0.0216	0.001	GPM TOTAL C3+	0.106
Methane	97.5185	94.8950	16.562	GPM TOTAL iC4+	0.085
Ethane	0.7299	1.3313	0.196	GPM TOTAL iC5+	0.072
Propane	0.0767	0.2052	0.021		
Iso-butane	0.0098	0.0346	0.003		
n-Butane	0.0320	0.1128	0.010		
Iso-pentane	0.0120	0.0525	0.004		
n-Pentane	0.0145	0.0635	0.005		
Hexanes Plus	0.1435	0.8111	0.063		
	100.0000	100.0000	17.025		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.570	3.218
Calculated Molecular Weight	16.49	93.19
Compressibility Factor	0.9980	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1013.962	5141.087
Water Sat. Gas Base BTU	996.642	5051.612

Hydrocarbon Laboratory Manager

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

Carlsbad Plant Release

PCV-5610B		
Size	8	in
Type:	Globe	
Cv @ 50% Open	500	
Flow @ 50% Open	170	MMcfd
Cv @ 16% Open	180	
Flow @ 16% Open	61.2	MMcfd
Time Open	10	min
Time Open	0.00694444	days
Gas Released	425,000	SCF

PSV-6907		
Inlet:	3	in
Outlet:	4	in
Orifice:	K	
Max Flow Rate	22,633.5	SCFM
Time Open	10	min
Gas Released	226,335	SCF

Compressor Blowdowns		
Size	1.5	in
Number:	3	
Type:		
Average Pressure:	380	psig
Calculated Rate	12,568.6	SCFM
Time Open	15	min
Gas Released	565,586	SCF

Total Volume Released	1,216,921	SCF
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State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Action 208290

DEFINITIONS

Operator: Crestwood New Mexico Pipeline LLC 811 Main St. Suite 3400 Houston, TX 77002	OGRID: 330564
	Action Number: 208290
	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 208290

QUESTIONS

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	Action Number: 208290
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites	
<i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	Unavailable.
Incident Facility	[fAPP2123159624] Crestwood New Mexico Pipeline

Determination of Reporting Requirements	
<i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
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.
<i>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.</i>	
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 within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	Valve
Additional details for Equipment Involved. Please specify	Pressure relief valves and Blowdown valves actuated to relieve an overpressure of the pipeline

Representative Compositional Analysis of Vented or Flared Natural Gas	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	98
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	0
Oxygen (O2) percentage, if greater than one percent	0
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
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.

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QUESTIONS, Page 2

Action 208290

QUESTIONS (continued)

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	Action Number: 208290
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/05/2023
Time vent or flare was discovered or commenced	02:00 PM
Time vent or flare was terminated	03:00 PM
Cumulative hours during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: High Line Pressure Pipeline (Any) Natural Gas Vented Released: 1,217 Mcf Recovered: 0 Mcf Lost: 1,217 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	No
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.	False
Please explain reason for why this event was beyond this operator's control	Not answered.
Steps taken to limit the duration and magnitude of vent or flare	N/A
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The Operations and Engineering departments investigated the cause of the event and implemented additional process controls to prevent future occurrences.

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ACKNOWLEDGMENTS

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	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

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CONDITIONS

Created By	Condition	Condition Date
mmclean	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.	4/18/2023