



Certificate of Analysis

Number: 6030-24120222-001A

Artesia Laboratory

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

Lee Weatherford
Steward Energy
2600 Dallas Pkwy Suite 400
Frisco, TX 75034

Station Name: Roof Pizza Sales Check	Report Date: 12/23/2024
Station Number: 50536	Sampled By: CW
Station Location: Steward Energy	Sample Of: Gas
Sample Point: Meter Run	Sample Type: Spot
H2S: H2S Determined by Tutwiler	Sample Date: 12/10/2024
Heating Method:	Sample Conditions: 28.2 psig, @ 57.0 °F Ambient: 42.0 °F
Method: GPA 2286	Received Date: 12/11/2024
Cylinder No: 5030-04268	Login Date: 12/11/2024
Instrument: 6030_GC2 (Agilent GC-7890B)	Effective Date: 12/10/2024
Last Inst. Cal.: 10/29/2024 09:06:43	Flow Rate: 754.8
Analyzed: 12/23/2024 13:06:10 by EBH	Sampling Method:

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.0000	1.6350	2.2610		GPM TOTAL C2+	6.429
Nitrogen	3.5660	3.6230	4.1180		GPM TOTAL C3+	3.361
Methane	65.0460	66.0840	43.0150		GPM TOTAL iC5+	1.036
Carbon Dioxide	6.4500	6.5530	11.7010			
Ethane	11.2470	11.4270	13.9410	3.068		
Propane	5.3190	5.4040	9.6690	1.494		
Iso-butane	0.7620	0.7740	1.8250	0.255		
n-Butane	1.7910	1.8200	4.2920	0.576		
Iso-pentane	0.5760	0.5850	1.7130	0.214		
n-Pentane	0.5820	0.5910	1.7300	0.215		
Hexanes Plus	1.4800	1.5040	5.7350	0.607		
	96.8190	100.0000	100.0000	6.429		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8544	3.2471
Calculated Molecular Weight	24.65	94.04
Compressibility Factor	0.9957	

GPA 2172 Calculation:

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

Real Gas Dry BTU	1230.8	4995.6
Water Sat. Gas Base BTU	1209.4	4908.7
Ideal, Gross HV - Dry at 14.73 psia	1225.5	4995.6
Ideal, Gross HV - Wet	1204.2	0.000

Comments: H2S Field Content: 16,346 ppm

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Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



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Station Name: Roof Pizza Sales Check
Station Number: 50536
Station Location: Steward Energy
Sample Point: Meter Run
H2S: H2S Determined by Tutwiler
Instrument 1: 6030_GC1, HP7890 Signal 1
Instrument 2: 6030_GC2, HP7890 Signal 1
Analyzed: 12/23/2024 13:04:49 by EBH

Report Date: 12/23/2024
Sampled By: CW
Sample Of: Gas Spot
Sample Date: 12/10/2024
Sample Conditions: 28.2 psig, @ 57.0 °F
Received Date: 12/11/2024
Login Date: 12/11/2024
Method: GPA 2286
Cylinder No: 5030-04268

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia
Hydrogen Sulfide	1.635	2.261	
Nitrogen	3.623	4.118	
Methane	66.084	43.015	
Carbon Dioxide	6.553	11.701	
Ethane	11.427	13.941	3.068
Propane	5.404	9.669	1.494
Iso-Butane	0.774	1.825	0.255
n-Butane	1.820	4.292	0.576
Iso-Pentane	0.585	1.713	0.214
n-Pentane	0.591	1.730	0.215
i-Hexanes	0.304	1.031	0.121
n-Hexane	0.178	0.617	0.073
Benzene	0.188	0.581	0.052
Cyclohexane	0.082	0.282	0.028
i-Heptanes	0.237	0.901	0.096
n-Heptane	0.065	0.264	0.030
Toluene	0.097	0.360	0.032
i-Octanes	0.146	0.649	0.068
n-Octane	0.025	0.117	0.013
Ethylbenzene	0.041	0.176	0.016
Xylenes	0.028	0.121	0.011
i-Nonanes	0.051	0.257	0.026
n-Nonane	0.017	0.088	0.010
Decanes Plus	0.045	0.291	0.031
	<u>100.000</u>	<u>100.000</u>	<u>6.429</u>



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Station Name: Roof Pizza Sales Check
Station Number: 50536
Station Location: Steward Energy
Sample Point: Meter Run
H2S: H2S Determined by Tutwiler
Instrument 1: 6030_GC1, HP7890 Signal 1
Instrument 2: 6030_GC2, HP7890 Signal 1
Analyzed: 12/23/2024 13:04:49 by EBH

Report Date: 12/23/2024
Sampled By: CW
Sample Of: Gas Spot
Sample Date: 12/10/2024
Sample Conditions: 28.2 psig, @ 57.0 °F
Received Date: 12/11/2024
Login Date: 12/11/2024
Method: GPA 2286
Cylinder No: 5030-04268

Calculated Physical Properties	Total	C10+
Calculated Molecular Weight	24.65	153.12
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1230.8	8274.2
Water Sat. Gas Base BTU	1209.4	8094.8
Relative Density Real Gas	0.8544	5.2868
Compressibility Factor	0.9957	
Ideal, Gross HV - Wet	1204.2	
Ideal, Gross HV - Dry at 14.73 psia	1225.5	
Net BTU Dry Gas - real gas	1120	
Net BTU Wet Gas - real gas	1100	

Comments: H2S Field Content: 16,346 ppm

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

Calculations for the total Mcf flared
End Meter Volume – the Begin Meter Volume.

***Composition for the gas has been entered into the question portion of the C-129.
If further back up is needed please let us know and will provide requested data.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

DEFINITIONS

Action 581864

DEFINITIONS

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 581864
	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 581864

QUESTIONS

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 581864
	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	[fAPP2305750388] ROOF PIZZA TANK BATTERY

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	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.
<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	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

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	66
Nitrogen (N2) percentage, if greater than one percent	4
Hydrogen Sulfide (H2S) PPM, rounded up	16,346
Carbon Dioxide (CO2) percentage, if greater than one percent	7
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 581864

QUESTIONS (continued)

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 581864
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	05/03/2026
Time vent or flare was discovered or commenced	07:00 AM
Time vent or flare was terminated	10:00 AM
Cumulative hours during this event	3

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure Producing Well Natural Gas Flared Released: 116 Mcf Recovered: 0 Mcf Lost: 116 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	Yes
Was notification of downstream activity received by this operator	No
Downstream OGRID that should have notified this operator	[334178] Targa San Andres Gas Utility LLC
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	High line pressure at plant intake.
Steps taken to limit the duration and magnitude of vent or flare	Worked with midstream to get gas back in to plant as soon as possible.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	No way to avoid periodic downtime for maintenance / repairs to address unforeseen conditions.

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ACKNOWLEDGMENTS

Action 581864

ACKNOWLEDGMENTS

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 581864
	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 581864

CONDITIONS

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 581864
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
nwhite01	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.	5/4/2026