



# Certificate of Analysis

Number: 6030-24110322-004A

**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: Fring Battery	Report Date: 11/18/2024
Station Number: 40430	Sampled By: Chad Whitt
Station Location: Steward	Sample Of: Gas
Sample Point: Meter Run	Sample Type: Spot
H2S: H2S Determined by Tutwiler	Sample Date: 11/08/2024
Heating Method:	Sample Conditions: 36.4 psig, @ 51.4 °F Ambient: 43.0 °F
Method: GPA 2286	Received Date: 11/13/2024
Cylinder No: 5030-02569	Login Date: 11/13/2024
Instrument: 6030_GC2 (Agilent GC-7890B)	Effective Date: 11/08/2024
Last Inst. Cal.: 10/29/2024 09:06:43	Flow Rate: 1602.4 MSCFD
Analyzed: 11/18/2024 07:20:50 by EBH	Sampling Method:

## Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0000	0.6430	0.9440		GPM TOTAL C2+ 5.570
Nitrogen	5.0090	5.0400	6.0810		GPM TOTAL C3+ 2.513
Methane	68.2780	68.6970	47.4630		GPM TOTAL iC5+ 0.564
Carbon Dioxide	6.0170	6.0540	11.4750		
Ethane	11.3220	11.3920	14.7520	3.057	
Propane	4.8120	4.8420	9.1950	1.338	
Iso-butane	0.5750	0.5790	1.4490	0.190	
n-Butane	1.3220	1.3300	3.3290	0.421	
Iso-pentane	0.3220	0.3240	1.0070	0.119	
n-Pentane	0.3190	0.3210	0.9970	0.116	
Hexanes Plus	0.7730	0.7780	3.3080	0.329	
	98.7490	100.0000	100.0000	5.570	

<b>Calculated Physical Properties</b>	<b>Total</b>	<b>C6+</b>
Relative Density Real Gas	0.8043	3.4021
Calculated Molecular Weight	23.22	98.53
Compressibility Factor	0.9963	

**GPA 2172 Calculation:**

**Calculated Gross BTU per ft<sup>3</sup> @ 14.73 psia & 60°F**

Real Gas Dry BTU	1157.1	5253.8
Water Sat. Gas Base BTU	1137.0	5162.4
Ideal, Gross HV - Dry at 14.73 psia	1152.9	5253.8
Ideal, Gross HV - Wet	1132.8	0.000

**Comments:** H2S Field Content: 6426 ppm

*Mostaq Ahamed*

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: Fring Battery  
 Station Number: 40430  
 Station Location: Steward  
 Sample Point: Meter Run  
 H2S: H2S Determined by Tutwiler  
 Instrument 1: 6030\_GC1, HP7890 Signal 1  
 Instrument 2: 6030\_GC2, HP7890 Signal 1  
 Analyzed: 11/18/2024 07:19:05 by EBH

Report Date: 11/18/2024  
 Sampled By: Chad Whitt  
 Sample Of: Gas Spot  
 Sample Date: 11/08/2024  
 Sample Conditions: 36.4 psig, @ 51.4 °F  
 Received Date: 11/13/2024  
 Login Date: 11/13/2024  
 Method: GPA 2286  
 Cylinder No: 5030-02569

**Analytical Data**

Components	Mol. %	Wt. %	GPM at 14.73 psia
Hydrogen Sulfide	0.643	0.944	
Nitrogen	5.040	6.081	
Methane	68.697	47.463	
Carbon Dioxide	6.054	11.475	
Ethane	11.392	14.752	3.057
Propane	4.842	9.195	1.338
Iso-Butane	0.579	1.449	0.190
n-Butane	1.330	3.329	0.421
Iso-Pentane	0.324	1.007	0.119
n-Pentane	0.321	0.997	0.116
i-Hexanes	0.148	0.535	0.059
n-Hexane	0.084	0.330	0.036
Benzene	0.065	0.219	0.018
Cyclohexane	0.035	0.128	0.012
i-Heptanes	0.113	0.456	0.046
n-Heptane	0.035	0.148	0.016
Toluene	0.041	0.164	0.014
i-Octanes	0.082	0.382	0.038
n-Octane	0.017	0.082	0.009
Ethylbenzene	0.022	0.103	0.009
Xylenes	0.022	0.096	0.008
i-Nonanes	0.037	0.188	0.018
n-Nonane	0.016	0.088	0.009
Decanes Plus	0.061	0.389	0.037
	<u>100.000</u>	<u>100.000</u>	<u>5.570</u>



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Station Name: Fring Battery  
 Station Number: 40430  
 Station Location: Steward  
 Sample Point: Meter Run  
 H2S: H2S Determined by Tutwiler  
 Instrument 1: 6030\_GC1, HP7890 Signal 1  
 Instrument 2: 6030\_GC2, HP7890 Signal 1  
 Analyzed: 11/18/2024 07:19:05 by EBH

Report Date: 11/18/2024  
 Sampled By: Chad Whitt  
 Sample Of: Gas Spot  
 Sample Date: 11/08/2024  
 Sample Conditions: 36.4 psig, @ 51.4 °F  
 Received Date: 11/13/2024  
 Login Date: 11/13/2024  
 Method: GPA 2286  
 Cylinder No: 5030-02569

Calculated Physical Properties	Total	C10+
Calculated Molecular Weight	23.22	153.37
<b>GPA 2172 Calculation:</b>		
<b>Calculated Gross BTU per ft<sup>3</sup> @ 14.73 psia &amp; 60°F</b>		
Real Gas Dry BTU	1157.1	8272.8
Water Sat. Gas Base BTU	1137.0	8098.9
Relative Density Real Gas	0.8043	5.2956
Compressibility Factor	0.9963	
Ideal, Gross HV - Wet	1132.8	
Ideal, Gross HV - Dry at 14.73 psia	1152.9	
Net BTU Dry Gas - real gas	1051	
Net BTU Wet Gas - real gas	1032	

**Comments:** H2S Field Content: 6426 ppm

*Mostaq Ahamed*

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 566109

**DEFINITIONS**

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 566109
	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 566109

**QUESTIONS**

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 566109
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

<b>Prerequisites</b>	
<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	[fAPP2305752280] WEXLER FEE TANK BATTERY

<b>Determination of Reporting Requirements</b>	
<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

<b>Equipment Involved</b>	
Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	69
Nitrogen (N2) percentage, if greater than one percent	5
Hydrogen Sulfide (H2S) PPM, rounded up	6,426
Carbon Dioxide (CO2) percentage, if greater than one percent	6
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 566109

**QUESTIONS (continued)**

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 566109
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	03/11/2026
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	06:00 AM
Cumulative hours during this event	6

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	<i>Not answered.</i>
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure   Producing Well   Natural Gas Flared   Released: 110 Mcf   Recovered: 0 Mcf   Lost: 110 Mcf.
Other Released Details	<i>Not answered.</i>
Additional details for Measured or Estimated Volume(s). Please specify	<i>Not answered.</i>
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>Yes, according to supplied volumes this appears to be a "gas only" report.</b>

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	Yes
Downstream OGRID that should have notified this operator	[24650] TARGA MIDSTREAM SERVICES LLC
Date notified of downstream activity requiring this vent or flare	03/09/2026
Time notified of downstream activity requiring this vent or flare	11:00 AM

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	On March 9, 2026, Targa Resources Corp. notified us that they would be curtailing all gas intake to the Campo Viejo Gas Processing Plant due to an unplanned downstream interruption. As a result of this curtailment, gas takeaway capacity from our operations has been temporarily impacted. We are currently awaiting an official Force Majeure letter from Targa, as well as additional information regarding the anticipated duration of the interruption. We will provide further updates as they become available.
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 566109

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Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 566109
	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 <b>complete</b> 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 566109

**CONDITIONS**

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 566109
	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.	3/24/2026