

**PANTECHS**
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ANALYTICALreport

6/8/2026

Customer:	Burk Royalty Co., LTD.
Location:	Roof Pizza Battery
Order:	7717-12287
Received:	6/2/2026
Primary Contact:	Clayton Scott
Description:	Sample(s) of Gas From Production Separator For Hydrocarbon , Onsite Test Analyses

REPORT DISTRIBUTION:

Clayton Scott

VERSION 1

All data reported in this Report is in compliance with the test method(s) performed as of the date noted above. The validity and integrity of this report will remain intact as long as it is accompanied by this page and reproduced in full. Any datafile (e.g. txt, csv, etc.) produced which is associated with the results in this report shall be considered for convenience only and does not supersede this report as the official test results. We reserve the right to return to you any unused samples received if we consider so necessary (e.g. samples identified as hazardous waste).

We appreciate you choosing Pantechs Laboratories. If you have any questions concerning this report, please feel free to contact us at any time.

Pantechs Laboratories, Inc. - Order: 7717-12287 - 6/2/2026 - Roof Pizza Battery - Sample(s) of Gas From Production Separator For Hydrocarbon ,
OnsiteTest Analyses

COLLECTION LIST- 1

FLUID	OPERATOR	LOCATION	SITE	SAMPLE POINT	DATE	TIME
Gas	Burk Royalty Co., LTD.	Roof Pizza Battery	Production Separator	Gas Leg of Production Separator	6/2/2026	1:21 PM

Pantechs Laboratories, Inc. - Order: 7717-12287 - 6/2/2026 - Roof Pizza Battery - Sample(s) of Gas From Production Separator For Hydrocarbon ,
OnsiteTest Analyses



ANALYSIScertificate

OPERATOR	Burk Royalty Co., LTD.	PRESS/TEMP	30 psig/89 F
LOCATION	Roof Pizza Battery	ATM TEMP	87 F
SITE	Production Separator	DATE/TIME	06/02/2026 1:21 PM
SAMPLE POINT	Gas Leg of Production Separator	COLLECTION BY	Jose Garcia
METER ID		SPOT/COMP	Spot
CONTAINER(S)	PL3282	BASE	14.650 psi/60 F

FRACTIONAL:GPA 2261-25(M)				FORMULA	MOL%	WT%	GPM	
NITROGEN				N2	4.9807	5.6670		
CARBON DIOXIDE				CO2	6.6604	11.9053	1.125	
HYDROGEN SULFIDE				H2S	0.4062	0.5623	0.054	
METHANE				C1	64.9480	42.3187	10.994	
ETHANE				C2	12.1411	14.8276	3.242	
PROPANE				C3	5.8149	10.4144	1.600	
I-BUTANE				iC4	0.8061	1.9029	0.263	
N-BUTANE				nC4	1.8859	4.4520	0.591	
I-PENTANE				iC5	0.5781	1.6941	0.211	
N-PENTANE				nC5	0.5874	1.7213	0.213	
HEXANES PLUS				C6+	1.1912	4.5344	0.496	
TOTALS:					100.0000	100.0000	18.7890	
GAL/MSCF	ETHANE+	6.616	PROPANE+	3.374	BUTANES+	1.774	PENTANES+	0.920

PROPERTY	MOL WT	SP GRAVITY	BTU/CF GR	BTU/CF NET	Z FACTOR	WOBBE INDX
DRY	24.621	0.8534	1215.345	1105.331	0.9958	1315.598
H2O SAT	24.191	0.8364	1195.559	1086.531	0.9953	1307.266

ONSITE TESTING - STAIN TUBE

METHOD	COMPOUND	MOL%	GRAINS/100 SCF	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	0.4062	257.92	4,100.9	193.4

ANALYSIS METHODS AND DESCRIPTION

ITEM	METHOD	FLUID	DESCRIPTION
NGC6+	GPA 2261-25(M)	Gas	Analysis for Natural Gas and Similar Gaseous Mixtures by Gas Chromatography through C6+ Modified with Dual Channel GC
OSST	GPA 2377-24	Gas	Test for Hydrogen Sulfide and Carbon Dioxide in Natural Gas Using Length of Stain Tubes

SAMPLING METHODS AND DESCRIPTION

FLUID	METHOD	DESCRIPTION
GAS	GPA 2166-22	Obtaining Natural Gas Samples for Analysis by Gas Chromatography
LIQUID	GPA 2174-20	Obtaining Liquid Hydrocarbons Samples For Analysis by Gas Chromatography

CALCULATION METHODS AND DESCRIPTION

METHOD	DESCRIPTION
GPA 2145-16	Table of Physical Properties for Hydrocarbons and Other Compounds of Interest to the Natural Gas and Natural Gas Liquids Industries
GPA 2172-25	Calculation of Gross Heating Value, Relative Density, Compressibility and Theoretical Hydrocarbon Liquid Content for Natural Gas Mixtures for Custody Transfer
ASTM 3588	Standard Practice for Calculating Heat Value, Compressibility Factor, and Relative Density of Gaseous Fuels

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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 604151

DEFINITIONS

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 604151
	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 604151

QUESTIONS

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	Action Number: 604151
	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	65
Nitrogen (N2) percentage, if greater than one percent	5
Hydrogen Sulfide (H2S) PPM, rounded up	4,100
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 604151

QUESTIONS (continued)

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	Action Number: 604151
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	07/09/2026
Time vent or flare was discovered or commenced	06:00 AM
Time vent or flare was terminated	10:00 AM
Cumulative hours during this event	4

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: 147 Mcf Recovered: 0 Mcf Lost: 147 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	Yes
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	07/06/2026
Time notified of downstream activity requiring this vent or flare	06:00 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	Gathering system disrupted from 3rd party residue outage. *Note from gas plant
Steps taken to limit the duration and magnitude of vent or flare	Worked to get all gas back into 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 604151

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	Action Number: 604151
	Action Type: [C-129] Venting and/or Flaring (C-129)

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

Action 604151

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	Action Number: 604151
	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.	7/13/2026