



16472G	Ironhorse 24 State Com 1H, 2H, 3H, 4H		Ironhorse 24 State Com 1H, 2H, 3H, 4H
Sample Point Code	Sample Point Name		Sample Point Location
Laboratory Services	2023066288	2103	Hunter Pinson - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
Mar 28, 2023 10:30	Mar 28, 2023 10:30	Mar 29, 2023 11:21	Mar 30, 2023
Date Sampled	Date Effective	Date Received	Date Reported
50.00	Torrance	61 @ 57	
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Franklin Mountain Energy			NG
Operator			Lab Source Description

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0010	0.001	
Nitrogen (N2)	5.3620	5.36246	
CO2 (CO2)	0.6280	0.62785	
Methane (C1)	67.5270	67.52786	
Ethane (C2)	12.9460	12.94651	3.4430
Propane (C3)	7.4330	7.43295	2.0360
I-Butane (IC4)	0.8500	0.84958	0.2770
N-Butane (NC4)	2.3330	2.33302	0.7310
I-Pentane (IC5)	0.6300	0.62952	0.2290
N-Pentane (NC5)	0.6220	0.62248	0.2240
Hexanes Plus (C6+)	1.6680	1.66777	0.7200
TOTAL	100.0000	100.0010	7.6600

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.65 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,342.3	1,320.8	1,338.1	1,316.7

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.8352	0.8318
Molecular Weight	
24.0899	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S
10 PPM

**PROTREND STATUS:** Passed By Validator on Mar 31, 2023  
**DATA SOURCE:** Imported

**PASSED BY VALIDATOR REASON:** First sample taken @ this point, composition looks reasonable

**VALIDATOR:** Brooke Rush

**VALIDATOR COMMENTS:** Nitrogen at 5%

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Feb 13, 2023

Facility ID  
fAPP2410951351 - IRONHOUSE 24 CTB  
Date/Time Flaring/Venting Began:  
2024-04-24 00:01:00  
Date/Time Flaring/Venting Ended:  
2024-04-24 23:59:00  
Cumulative Hours Of Event:  
24.0  
Total (MCF)  
241.0  
Index  
3193

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DEFINITIONS

Action 339588

**DEFINITIONS**

Operator: Franklin Mountain Energy 3, LLC 44 Cook Street Denver, CO 80206	OGRID: 331595
	Action Number: 339588
	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 339588

**QUESTIONS**

Operator: Franklin Mountain Energy 3, LLC 44 Cook Street Denver, CO 80206	OGRID: 331595
	Action Number: 339588
	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	[fAPP2410951351] IRONHOUSE 24 CTB

<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	Yes
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	Yes
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	67
Nitrogen (N2) percentage, if greater than one percent	5
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 339588

**QUESTIONS (continued)**

Operator: Franklin Mountain Energy 3, LLC 44 Cook Street Denver, CO 80206	OGRID: 331595
	Action Number: 339588
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

<b>Date(s) and Time(s)</b>	
Date vent or flare was discovered or commenced	04/24/2024
Time vent or flare was discovered or commenced	12:01 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	24

<b>Measured or Estimated Volume of Vented or Flared Natural Gas</b>	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure   Gas Compressor Station   Natural Gas Flared   Released: 241 Mcf   Recovered: 0 Mcf   Lost: 241 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.

<b>Venting or Flaring Resulting from Downstream Activity</b>	
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	[331548] Targa Northern Delaware, 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.

<b>Steps and Actions to Prevent Waste</b>	
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	Targa high line pressure stack out
Steps taken to limit the duration and magnitude of vent or flare	Continued to monitor line pressure
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Regular group chat with Targa area representatives to monitor, discuss, and alert



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ACKNOWLEDGMENTS

Action 339588

**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 <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 339588

**CONDITIONS**

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	Action Number: 339588
	Action Type: [C-129] Venting and/or Flaring (C-129)

**CONDITIONS**

Created By	Condition	Condition Date
ygelfand	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.	5/1/2024