



C6+ Gas Analysis Report

14424G

Sample Point Code

T221459975

Sample Point Name

Greenlight CTB Sales Ck

Sample Point Location

Laboratory Services

Source Laboratory

2022055211

Lab File No

1663

Container Identity

A Byrd - Spot

Sampler

USA

District

USA

Area Name

USA

Field Name

New Mexico

Facility Name

Jun 21, 2022 11:55

Date Sampled

Jun 21, 2022 11:55

Date Effective

Jun 27, 2022 10:32

Date Received

Jun 29, 2022

Date Reported

90.00

Ambient Temp (°F)

Flow Rate (Mcf)

Luis

Analyst

121 @ 101

Press PSI @ Temp °F
Source Conditions

Franklin Mountain Energy

Operator

BH

Lab Source Description

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	2.9880	2.98835	
CO2 (CO2)	1.7230	1.72274	
Methane (C1)	72.0390	72.03967	
Ethane (C2)	10.5220	10.5221	2.7980
Propane (C3)	6.3510	6.35064	1.7400
I-Butane (IC4)	1.2220	1.2223	0.3980
N-Butane (NC4)	2.4920	2.49158	0.7810
I-Pentane (IC5)	0.8200	0.81963	0.2980
N-Pentane (NC5)	0.6570	0.65737	0.2370
Hexanes Plus (C6+)	1.1860	1.18561	0.5120
TOTAL	100.0000	100.0000	6.7640

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: May 15, 2022

Gross Heating Values (Real, BTU/ft³)

14.696 PSI @ 60.00 Å°F		14.65 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,319.2	1,298.1	1,315.1	1,294.0000

Calculated Total Sample Properties

GPA2145-16 *Calculated at Contract Conditions

Relative Density Real

Relative Density Ideal

0.8127

0.8095

Molecular Weight

23.4461

C6+ Group Properties

Assumed Composition

C6 - 60.000% C7 - 30.000% C8 - 10.000%

Field H2S

4.8 PPM

PROTREND STATUS:

Passed By Validator on Jun 30, 2022

DATA SOURCE:

Imported

PASSED BY VALIDATOR REASON:

Close enough to be considered reasonable.

VALIDATOR:

Luis Cano

VALIDATOR COMMENTS:

OK

Operator	CTB	Event	Start Time	End Time	Duration (Hr)	Total (MCF)
FME	Green Light	50 MCF	10/5/2022 17:08	10/5/2022 17:31	0.38	103.45
FME	FMM	50 MCF	10/6/2022 11:45	10/6/2022 12:23	0.63	146.82
FME	FMM	50 MCF	10/6/2022 16:13	10/6/2022 18:04	1.84	426.85
FME	Carnival	50 MCF	10/6/2022 17:06	10/6/2022 18:21	1.25	382.62
FME	Green Light	50 MCF	10/6/2022 18:00	10/6/2022 18:22	0.37	136.12
FME	Green Light	50 MCF	10/6/2022 18:23	10/6/2022 18:48	0.42	137.23
FME	Green Light	50 MCF	10/6/2022 18:49	10/6/2022 19:02	0.22	80
FME	Paul Foster	50 MCF	10/17/2022 13:50	10/17/2022 14:09	0.31	92.08
FME	Carnival	50 MCF	10/28/2022 5:16	10/28/2022 6:58	1.71	436.03
FME	Carnival	50 MCF	10/28/2022 15:08	10/28/2022 15:45	0.63	161.72
FME	Carnival	50 MCF	10/28/2022 15:48	10/28/2022 16:10	0.37	58.41
FME	Carnival	50 MCF	10/28/2022 16:17	10/28/2022 16:53	0.61	122.91
FME	Carnival	50 MCF	10/28/2022 17:31	10/28/2022 18:09	0.64	133.47
FME	Carnival	50 MCF	10/28/2022 18:53	10/28/2022 19:44	0.85	166.72
FME	Carnival	50 MCF	10/28/2022 19:45	10/28/2022 20:09	0.41	60.28
FME	Green Light	50 MCF	10/28/2022 19:56	10/28/2022 20:13	0.28	58.11
FME	Carnival	50 MCF	10/28/2022 20:10	10/28/2022 20:28	0.29	66.31
FME	Green Light	500 MCF	11/2/2022 15:05	11/2/2022 17:29	2.4	903.38
FME	Colorado	50 MCF	11/7/2022 4:31	11/7/2022 5:16	0.76	109.45

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State of New Mexico
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Oil Conservation Division
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Santa Fe, NM 87505

DEFINITIONS

Action 157420

DEFINITIONS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 157420
	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 157420

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	Action Number: 157420
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites	
Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.	
Incident Well	Unavailable.
Incident Facility	[fAPP2125750904] Green Light CTB

Determination of Reporting Requirements	
Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.	
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, major venting and/or flaring of natural gas.
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.	
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	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	72
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	1
Oxygen (O2) percentage, if greater than one percent	0
If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.	
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 157420

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	11/02/2022
Time vent or flare was discovered or commenced	03:05 PM
Time vent or flare was terminated	05:29 PM
Cumulative hours during this event	2

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Commissioning to Purge Gas Plant Natural Gas Flared Released: 903 Mcf Recovered: 0 Mcf Lost: 903 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	No
Was notification of downstream activity received by this operator	Not answered.
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	Off spec gas. O2 in the system. Used O2 analyzer to find leak in system.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Pig line to remove O2.

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ACKNOWLEDGMENTS

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	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

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CONDITIONS

Created By	Condition	Condition Date
tbiggart	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.	11/9/2022