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C6+ Gas Analysis Report

17636G	ART 30810	Picard Fed 3H
Sample Point Code	Sample Point Name	Sample Point Location
Laboratory Services	2023072117	1072
Source Laboratory	Lab File No	Container Identity
USA	USA	USA
District	Area Name	Field Name
Jul 12, 2023 01:45	Jul 12, 2023 01:45	Jul 20, 2023 07:42
Date Sampled	Date Effective	Date Received
100.00	750.70	Admin
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst
		92 @ 106
		Press PSI @ Temp °F
		Source Conditions
MR NM Operating		NG
Operator		Lab Source Description

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	5.1120	5.1124	
CO2 (CO2)	0.2090	0.20888	
Methane (C1)	71.4890	71.48821	
Ethane (C2)	11.6530	11.65274	3.1160
Propane (C3)	6.5460	6.54588	1.8030
I-Butane (IC4)	0.8710	0.87129	0.2850
N-Butane (NC4)	2.0190	2.01851	0.6360
I-Pentane (IC5)	0.6530	0.65346	0.2390
N-Pentane (NC5)	0.4810	0.48124	0.1740
Hexanes Plus (C6+)	0.9670	0.96739	0.4200
TOTAL	100.0000	100.0000	6.6730

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

Analyzer Information

Device Type: Device Make:
Device Model: Last Cal Date:

Gross Heating Values (Real, BTU/ft³)

14.696 PSI @ 60.00 Å°F	14.73 PSI @ 60.00 Å°F
Dry	Saturated
1,286.7	1,265.6
Dry	Saturated
1,289.7	1,268.5

Calculated Total Sample Properties

GPA2145-16 *Calculated at Contract Conditions

Relative Density Real	Relative Density Ideal
0.7895	0.7867
Molecular Weight	
22.7821	

C6+ Group Properties

Assumed Composition

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

Field H2S
0 PPM

PROTREND STATUS:

Passed By Validator on Jul 20, 2023

DATA SOURCE:

Imported

PASSED BY VALIDATOR REASON:

Close enough to be considered reasonable.

VALIDATOR:

Luis Cano

VALIDATOR COMMENTS:

OK

Kirk 1H: 113

Kirk 2H: 112

Kirk 3H: 113

Enterprise Flare Meter

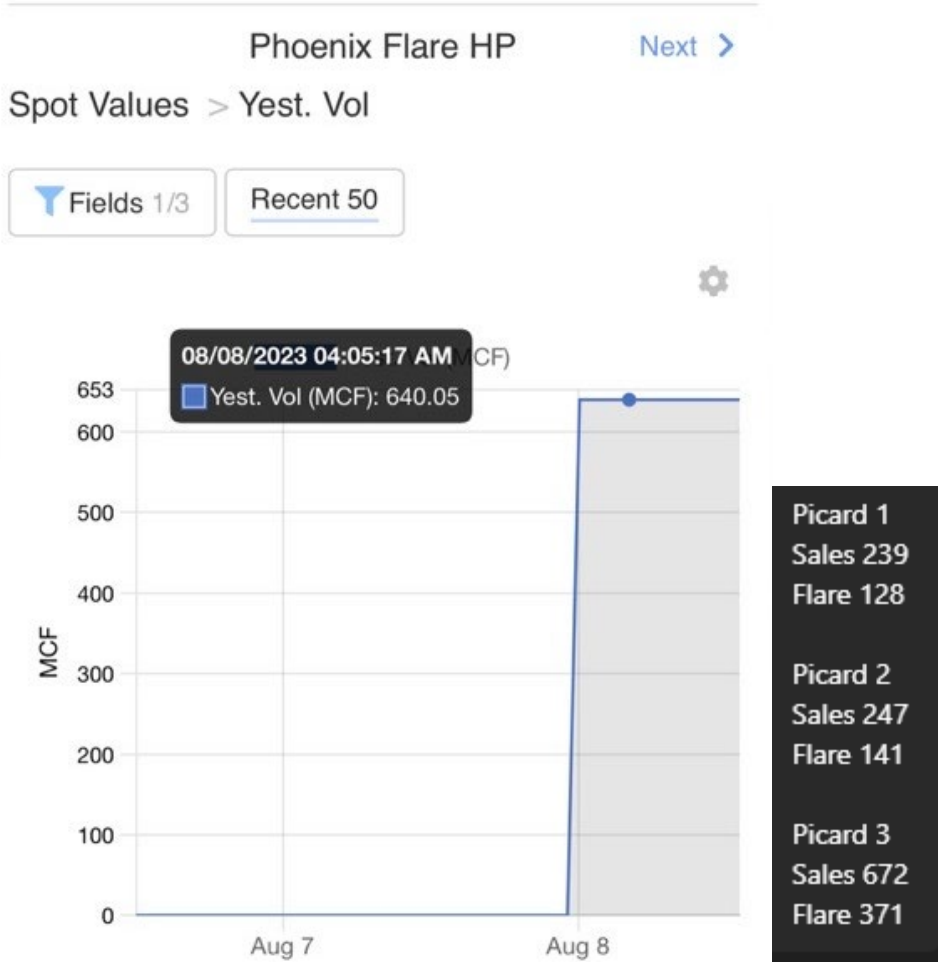
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Spot Values > Yest. Vol

Fields 1/9

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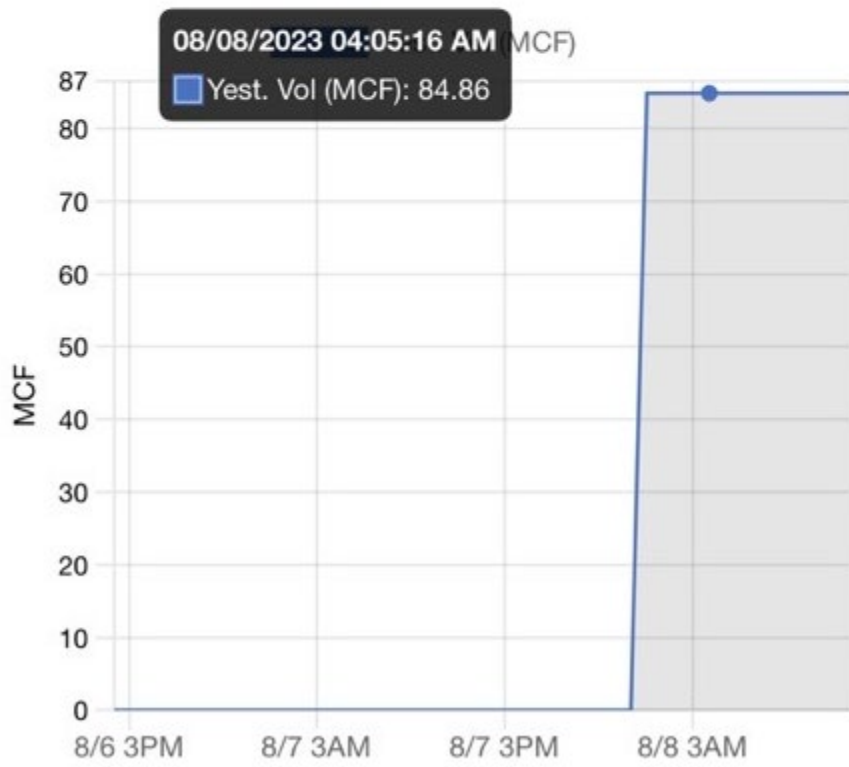
LaForge Flare

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Spot Values > Yest. Vol

 Fields 1/9

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Mr. Scott Flare

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Spot Values > Yest. Vol

 Fields 1/9

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Energy, Minerals and Natural Resources
Oil Conservation Division
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DEFINITIONS

Action 250626

DEFINITIONS

Operator: MR NM Operating LLC 5950 Berkshire Lane Dallas, TX 75225	OGRID: 330506
	Action Number: 250626
	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 250626

QUESTIONS

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	Action Number: 250626
	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	[30-015-46454] PICARD FEDERAL #003H
Incident Facility	Unavailable.

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	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

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	71
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 250626

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	08/07/2023
Time vent or flare was discovered or commenced	03:59 PM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	8

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Midstream Scheduled Maintenance Well Natural Gas Flared Released: 371 Mcf Recovered: 0 Mcf Lost: 371 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	[270047] DCP MIDSTREAM
Date notified of downstream activity requiring this vent or flare	08/04/2023
Time notified of downstream activity requiring this vent or flare	01:44 PM

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	DCP had the line shut-in due to maintenance
Steps taken to limit the duration and magnitude of vent or flare	Worked with DCP to expedite the shut-in
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Continue to work with DCP to have alternative routes for gas deliveries

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ACKNOWLEDGMENTS

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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
laurie_mrn	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.	8/10/2023