

GRI GlyCalc Information

Meter Number:	--	Flow Pressure:	115.5
Meter Name:	McDermott CS 2-16-2023	Flow Temp:	39.1
Location:	McDermott CS	H2O, Lb/MMCF:	--
Sample Date:	2/16/2023	H2S, ppmol:	--
File name	McDermott CS 2-16-2023_1.D	Type:	Spot
		Pulled by:	Justin Barker

Component	Mol%	Wt%	LV%
Carbon Dioxide	1.0059	2.2671	0.9307
Hydrogen Sulfide	0.0000	0.0000	0.0000
Nitrogen	0.2232	0.3202	0.1331
Oxygen	0.0095	0.0156	0.0046
Methane	85.6005	70.3271	78.6790
Ethane	7.7590	11.9482	11.2503
Propane	2.9505	6.6630	4.4072
Isobutane	0.5930	1.7650	1.0520
n-Butane	0.8187	2.4370	1.3994
Isopentane	0.3463	1.2793	0.6865
n-Pentane	0.2381	0.8797	0.4679
Cyclopentane	0.0157	0.0564	0.0252
n-Hexane	0.0659	0.2907	0.1469
Cyclohexane	0.0338	0.1456	0.0624
Other Hexanes	0.1718	0.7540	0.3721
Heptanes	0.0774	0.3960	0.1903
Methylcyclohexane	0.0368	0.1848	0.0801
2,2,4 Trimethylpentane	0.0000	0.0000	0.0000
Benzene	0.0142	0.0569	0.0216
Toluene	0.0158	0.0747	0.0288
Ethylbenzene	0.0003	0.0015	0.0006
Xylenes	0.0020	0.0110	0.0043
C8+ Heavies	0.0216	0.1261	0.0573
Total	100.0000	100.0000	100.0000

Constants Used: GPA Standard 2145-16 (FPS)

Gas Loss Calculations Pinon Hills Com #1E

Release Parameters:

Pipeline Purging Calculation

Diameter of leak (inches)	2	
Operating Pressure PSIA	115	
Duration of Leak (Days)	0.02	
	220.8	MCF (Gas Loss)
% Natural Gas	100	
Total Gas Loss	220.8	

Emission Factors:

gm-Moles/scf	1.263	
gm/lbs	454	5

Components(Mol%)

N2	0.22
CO2	1
C1 (ethane)	7.75
C2 (propane)	2.9
C3 (methane)	85.6
iC4 (Isobutane)	0.59
nC4 (butane)	0.81
iC5 (iso-pentane)	0.34
nC5 (n-pentane)	0.23
C6+ (heptane)	0.1
Avg MW(Total)	41.67
Avg MW(VOC)	44.57
BTU/SCF	2362.74

Gas	Emissions to
Loss	Atmosphere
	<u>VOC (LBS)</u>
220.8 MCF	23992.73

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State of New Mexico
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DEFINITIONS

Action 311749

DEFINITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 311749
	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 311749

QUESTIONS

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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	[fAPP2122931016] ENTERPRISE FARMINGTON GS

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, minor 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 withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	Yes

Equipment Involved	
Primary Equipment Involved	Pipeline (Any)
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	86
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) 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 Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 311749

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	01/23/2024
Time vent or flare was discovered or commenced	12:40 PM
Time vent or flare was terminated	01:10 PM
Cumulative hours during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Lightning Pipeline (Any) Natural Gas Vented Released: 221 Mcf Recovered: 0 Mcf Lost: 221 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
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	None
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	None

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ACKNOWLEDGMENTS

Action 311749

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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
tjlong	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.	2/6/2024