

GRI GlyCalc Information

Meter Number:	--	Flow Pressure:	54
Meter Name:	SJ Kutz Inlet 02-14-2024	Flow Temp:	47
Location:	SJ Kutz CS	H2O, Lb/MMCF:	--
Sample Date:	2/14/2024	H2S, ppmol:	--
File name	SJ Kutz Inlet 02-14-2024_2.D	Type:	Spot
		Pulled by:	Phil Cowan

Component	Mol%	Wt%	LV%
Carbon Dioxide	1.7446	4.0057	1.6414
Hydrogen Sulfide	0.0000	0.0000	0.0000
Nitrogen	0.3389	0.4953	0.2056
Oxygen	0.0118	0.0196	0.0058
Methane	87.5011	73.2350	81.7814
Ethane	5.9309	9.3040	8.7444
Propane	2.4469	5.6292	3.7165
Isobutane	0.4437	1.3455	0.8005
n-Butane	0.6687	2.0275	1.1621
Isopentane	0.2410	0.9072	0.4859
n-Pentane	0.1908	0.7181	0.3813
Cyclopentane	0.0146	0.0533	0.0238
n-Hexane	0.0678	0.3050	0.1538
Cyclohexane	0.0374	0.1643	0.0702
Other Hexanes	0.1495	0.6677	0.3269
Heptanes	0.0817	0.4256	0.2037
Methylcyclohexane	0.0465	0.2381	0.1030
2,2,4 Trimethylpentane	0.0000	0.0000	0.0000
Benzene	0.0136	0.0556	0.0210
Toluene	0.0190	0.0912	0.0350
Ethylbenzene	0.0008	0.0043	0.0017
Xylenes	0.0066	0.0368	0.0142
C8+ Heavies	0.0441	0.2709	0.1218
Total	100.0000	100.0000	100.0000

Constants Used: GPA Standard 2145-16 (FPS)

Component	Dry Basis Mole %	MW	lb/lb-mol	lb/Mscf
CO ₂	1.74	44.01	0.77	2.02
H ₂ S		34.08		
N ₂	0.34	28.01	0.09	0.25
O ₂		16.00		
Methane	87.50	16.04	14.04	36.99
Ethane	5.93	30.07	1.78	4.70
Propane	2.45	44.10	1.08	2.84
i-butane	0.44	58.12	0.26	0.68
n-butane	0.67	58.12	0.39	1.02
i-pentane	0.24	72.15	0.17	0.46
n-pentane	0.19	72.15	0.14	0.36
Other C6+	0.47	86.117	0.40	1.06
Total:	99.97	Avg. MW = 19.12		
VOC lb/MCF:				6.43

Density at STP calculated using the ideal gas law.

$$\text{lb voc/MCF} = ((\text{mol}\% * \text{MW})/100)*1000/379.482$$

Gas Loss Calculations

Rowland #2

Release Parameters:

Pipeline Purging Calculation

Diameter of leak (inches)	2	
Operating Pressure PSIA	90	
Duration of Leak (Days)	0.01	
	86.4	MCF (Gas Loss)
% Natural Gas	100	
Total Gas Loss	86.4	

Emission Factors:

gm-Moles/scf	1.263	
gm/lbs	454	5

Components(Mol%)

N2	0.33
CO2	1.74
C1 (ethane)	5.93
C2 (propane)	2.44
C3 (methane)	87.5
iC4 (Isobutane)	0.44
nC4 (butane)	0.66
iC5 (iso-pentane)	0.24
nC5 (n-pentane)	0.19
C6+ (heptane)	0.08
Avg MW(Total)	42.14
Avg MW(VOC)	44.46
BTU/SCF	2367.56

Gas	Emissions to
Loss	Atmosphere
	<u>VOC (LBS)</u>
86.4 MCF	9519.56

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DEFINITIONS

Action 394732

DEFINITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 394732
	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 394732

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	88
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	2
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 394732

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	10/09/2024
Time vent or flare was discovered or commenced	01:00 PM
Time vent or flare was terminated	01:15 PM
Cumulative hours during this event	0

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Liquids Unloading Pipeline (Any) Natural Gas Vented Released: 86 Mcf Recovered: 0 Mcf Lost: 86 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 394732

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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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	Action Number: 394732
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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.	10/22/2024