

Gas Analysis

Component	mol%	MW	btu/scf	lbs (leak-atm)	lb (leak-flare)	lbs (leak 24hr)	lbs (bd-atm)	lbs (bd-flare)	lbs (event 24hr)	DRE	RQ	Reportable?
carbon dioxide	2.6202	44.0	0.0	16.3	0.0	16.3	704.1	0.0	720.4	0.00		
helium		4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00		
hydrogen		2.0	273.8	0.0	0.0	0.0	0.0	0.0	0.0	0.99		
hydrogen sulfide		34.1	586.8	0.0	0.0	0.0	0.0	0.0	0.0	0.98	100	No
nitrogen	1.7272	28.0	0.0	6.8	0.0	6.8	295.4	0.0	302.3	0.00		
oxygen		32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00		
methane	75.7718	16.0	909.4	171.4	0.0	171.4	7422.5	0.0	7593.8	0.99		
ethane	11.0950	30.1	1618.7	47.0	0.0	47.0	2037.1	0.0	2084.1	0.99		
propane	5.4677	44.1	2314.9	34.0	0.0	34.0	1472.2	0.0	1506.2	0.99		propane
propylene		42.1	2181.0	0.0	0.0	0.0	0.0	0.0	0.0	0.99		No
I-butane	0.7320	58.1	3000.4	6.0	0.0	6.0	259.8	0.0	265.8	0.98		butanes
n-butane	1.6383	58.1	3010.8	13.4	0.0	13.4	581.4	0.0	594.9	0.98		
I-pentane	0.3591	72.2	3699.0	3.7	0.0	3.7	158.2	0.0	161.9	0.98		pentanes
n-pentane	0.3724	72.2	3706.9	3.8	0.0	3.8	164.1	0.0	167.8	0.98		
hexanes +	0.2168	86.2	4403.8	2.6	0.0	2.6	114.1	0.0	116.7	0.98	5000	No
Total VOC	8.7863			63.5	0.0	63.5	2749.8	0.0	2813.2			Total VOC
Total Stream	100.0			305.0	0.0	305.0	13208.9	0.0	13513.8			
Should equal 100		100.0005		Factors Leak to Flare		Factors Blowdown to Flare		BD to Flare	Leak to Flare			
				flared mmbtu 0.000		flared mmbtu 0.000		0.00	0.0000	NO _x	5000	No
				flared btu/scf 0.000		flared btu/scf 0.000		0.00	0.0	CO		No
								0.00	0.0	SO ₂	500	No

Source:

EMISSIONS EVENT RECORD					
			Date	9/23/2024	
			Time	10:00 AM	
			Duration (hrs)	1.0000	
!! REPORTABLE EMISSIONS EVENT !!					
County		Latitude	N32.199659	Longitude	W103.915278
Location	Carlsbad Gathering				

Cause	Leak on the Chesapeake 16-24-30 (Poker Lake Discharge)
Corrective Action	

Release Inputs Release Type: Leak PSV Flowrate (scfm): Hole Length (in): 0.13 Hole Width (in): 0.13 Hole Diameter (in): 0.13 Pressure (psi <i>gauge</i>): 771 Flared: No Cg: 14		LEAK RELEASE TOTAL 5.43 Mscf 63.49 lbs VOC 0.00 lbs H2S		LEAK RELEASE 24 HOUR 5.43 Mscf 63.49 lbs VOC 0.00 lbs H2S	
Blowdown Inputs Pipe Length (ft): 4,839 Diameter (in): 12 Pressure (psi): 771 Flared: No Is blowdown Part of release: Yes		BLOWDOWN RELEASE TOTAL 235.36 Mscf 2749.75 lbs VOC 0.00 lbs NOx 0.00 lbs H2S 0.00 lbs CO 0.00 lbs SO2		EVENT 24 HOUR (Leak & Blowdown) 240.80 Mscf 2813.24 lbs VOC 0.00 lbs NOx 0.00 lbs H2S 0.00 lbs CO 0.00 lbs SO2	
Atmospheric Input Pressure (psi <i>atm.</i>): 14.7		EVENT TOTAL (LEAK & BLOWDOWN) 240.80 Mscf 2813.24 lbs VOC 0.00 lbs H2S		LEAK RELEASE 1 HOUR 5.43 Mscf 304.96 lbs gas	

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State of New Mexico
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Oil Conservation Division
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DEFINITIONS

Action 386049

DEFINITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 386049
	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 386049

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	[fAPP2122928745] Enterprise Carlsbad 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	Yes
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	No

Equipment Involved	
Primary Equipment Involved	Pipeline (Any)
Additional details for Equipment Involved. Please specify	pinhole leak was discovered, pipeline was isolated and blown down to end the venting from the source.

Representative Compositional Analysis of Vented or Flared Natural Gas Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	76
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	3
Carbon Dioxide (C02) percentage, if greater than one percent	3
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 386049

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	09/23/2024
Time vent or flare was discovered or commenced	10:00 AM
Time vent or flare was terminated	01:00 PM
Cumulative hours during this event	3

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Other Pipeline (Any) Natural Gas Vented Released: 241 Mcf Recovered: 0 Mcf Lost: 241 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.	True
Please explain reason for why this event was beyond this operator's control	This incident was caused by a pipeline leak, which cannot be reasonably foreseen or avoided.
Steps taken to limit the duration and magnitude of vent or flare	Pipeline was isolated and blown down for repair.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The closest isolation valves were used to minimize the amount of gas vented.

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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

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	Action Number: 386049
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
dfeather@eprod.com	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.	9/24/2024