

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
carbon dioxide	2.6202	44.0	0.0	6.4	0.0	6.4	775.8	0.0	782.3	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
nitrogen	1.7272	28.0	0.0	2.7	0.0	2.7	325.5	0.0	328.2	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	68.0	0.0	68.0	8178.2	0.0	8246.2	0.99	
ethane	11.0950	30.1	1618.7	18.7	0.0	18.7	2244.5	0.0	2263.2	0.99	
propane	5.4677	44.1	2314.9	13.5	0.0	13.5	1622.1	0.0	1635.6	0.99	
propylene		42.1	2181.0	0.0	0.0	0.0	0.0	0.0	0.0	0.99	
l-butane	0.7320	58.1	3000.4	2.4	0.0	2.4	286.3	0.0	288.6	0.98	
n-butane	1.6383	58.1	3010.8	5.3	0.0	5.3	640.6	0.0	646.0	0.98	
l-pentane	0.3591	72.2	3699.0	1.4	0.0	1.4	174.3	0.0	175.7	0.98	
n-pentane	0.3724	72.2	3706.9	1.5	0.0	1.5	180.7	0.0	182.2	0.98	
hexanes +	0.2168	86.2	4403.8	1.0	0.0	1.0	125.7	0.0	126.7	0.98	5000
Total VOC	8.7863			25.2	0.0	25.2	3029.7	0.0	3054.9		
Total Stream	100.0			121.0	0.0	121.0	14553.8	0.0	14674.8		
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
				flared btu/scf 0.000		flared btu/scf 0.000		0.00	0.0	CO	
								0.00	0.0	SO ₂	500

Reportable?
No
propane
No
butanes
pentanes
No
Total VOC

No
No
No

EMISSIONS EVENT RECORD				Date	7/22/2024
				Time	
!! REPORTABLE EMISSIONS EVENT !!				Duration (hrs)	1.0000
County		Latitude	N32.193987	Longitude	W103.917705
Location	Chesapeake PLU Pierce Canyon 16-24-30				
Cause	Pinhole leak				
Corrective Action	Isolated and blew down				
Release Inputs		LEAK RELEASE TOTAL		LEAK RELEASE 24 HOUR	
Release Type	Leak	2.16	Mscf	2.16	Mscf
PSV Flowrate (scfm)		25.18	lbs VOC	25.18	lbs VOC
Hole Length (in)		0.00	lbs H2S	0.00	lbs H2S
Hole Width (in)					
Hole Diameter (in)	0.08				
Pressure (psi <i>gauge</i>)	851				
Flared	No				
Cg	5				
Blowdown Inputs		BLOWDOWN RELEASE TOTAL		EVENT 24 HOUR (Leak & Blowdown)	
Pipe Length (ft)	4,839	259.33	Mscf	261.48	Mscf
Diameter (in)	12	3029.72	lbs VOC	3054.90	lbs VOC
Pressure (psi)	851	0.00	lbs NOx	0.00	lbs NOx
Flared	No	0.00	lbs H2S	0.00	lbs H2S
Is blowdown Part of release	Yes	0.00	lbs CO	0.00	lbs CO
		0.00	lbs SO2	0.00	lbs SO2
Atmospheric Input		EVENT TOTAL (LEAK & BLOWDOWN)		LEAK RELEASE 1 HOUR	
Pressure (psi <i>atm.</i>)	14.7	261.48	Mscf	2.16	Mscf
		3054.90	lbs VOC	120.97	lbs gas
		0.00	lbs H2S		

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State of New Mexico
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DEFINITIONS

Action 366321

DEFINITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 366321
	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 366321

QUESTIONS

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	Action Number: 366321
	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	[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	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	76
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	2
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 366321

QUESTIONS (continued)

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

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	07/22/2024
Time vent or flare was discovered or commenced	10:45 AM
Time vent or flare was terminated	02:00 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: 261 Mcf Recovered: 0 Mcf Lost: 261 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Pinhole leak on a pipeline could not have been prevented
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 blowdown for repair.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Pipeline was isolated and blown down for repair. A segment of the line is being replaced to prevent reoccurrence.

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ACKNOWLEDGMENTS

Action 366321

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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: 366321
	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.	7/23/2024