

Logos Resources LLC. Calculated the amount of gas that was released from the Many Canyons by gathering daily gas volumes determining the well-made 154.8 mcf a day equaling a total of 896 mcf released during the referenced period. Logos resources Data in their internal systems Scorpion and Carte verified the gas totals.

Id: 91146
 Desc: MANY CANYONS 24-03-08 #4H
 Date: 08/01/2021 07:00
 Date: 07/07/2021 14:00
 Date:
 Freq: SEMIANNUALLY

Sample Type: SPOT
 Sampled By:
 Analyzed By: FSLAB
 GPA Version: 2145-16

District: Meas 300-Pipe 300
 Device: (No spec equip)
 Chrom ID: N/A

Temp (F): 78.0
 Press (PSIG): 45.0
 Base: 14.73

Component	Mole %	GPM	Others	Mole %	GPM
Methane	75.6915	0.0000	Carbon Dioxide	1.0233	0.0000
Ethane	9.8936	2.6559	H2S	0.0000	0.0000
Propane	6.6887	1.8497	Nitrogen	1.8456	0.0000
Iso Butane	0.6735	0.2212	* Hydrogen	0.0000	0.0000
Butane	2.2717	0.7189	* Oxygen	0.0000	0.0000
Iso Pentane	0.5179	0.1901	* Helium	0.0000	0.0000
Pentane	0.5836	0.2123	* Argon	0.0000	0.0000
NeoPentane	0.0000	0.0000	* Carbon Monoxide	0.0000	0.0000
Hexane	0.8106	0.3632			
* Heptane	0.0000	0.0000	Sub Total Others	2.8689	0.0000
* Octane	0.0000	0.0000			
* Nonane	0.0000	0.0000			
* Decane	0.0000	0.0000			
Sub Total GPM	97.1311	6.2112			
Others	2.8689	0.0000			
Total	100.0000	6.2112			

Gravity: 0.7737
 Dry BTU: 1299.0
 Wet BTU: 1276.3

* Not Tested

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS
 Action 75974

DEFINITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 75974
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 75974

QUESTIONS

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	Action Number: 75974
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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 Operator	[289408] LOGOS OPERATING, LLC
Incident Type	Flare
Incident Status	Closure Not Approved
Incident Well	[30-039-31309] MANY CANYONS 24 03 08 #004H
Incident Facility	Not answered.

Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.

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	Yes
Is this considered a submission for a vent or flare event	Yes, major 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 within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved

Primary Equipment Involved	Separator
Additional details for Equipment Involved. Please specify	Operations repaired the issue successfully and will monitor the well to prevent additional failures, in conjunction with a weekly AVO. Operations has also installed a low pressure alarm has been set up to prevent additional releases.

Representative Compositional Analysis of Vented or Flared Natural Gas
Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	75
Nitrogen (N2) percentage, if greater than one percent	2
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

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 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 (continued)

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	Action Number: 75974
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	01/23/2022
Time vent or flare was discovered or commenced	10:33 AM
Time vent or flare was terminated	10:33 AM
Cumulative hours during this event	136

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Equipment Failure Separator Natural Gas Vented Released: 896 Mcf Recovered: 0 Mcf Lost: 896 Mcf]
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Other (Specify) Released: 0 (Unknown Released Amount) Recovered: 0 Lost: 0]
Additional details for Measured or Estimated Volume(s). Please specify	Logos Resources LLC. Calculated the amount of gas that was released from the Many Canyons by gathering daily gas volumes determining the well-made 154.8 mcf a day equaling a total of 896 mcf released during the referenced period. Logos resources Data in their internal systems Scorpion and Carte verified the gas totals.
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	The operator conducted an AVO and detected no leaks on 1/18/2022. The following day the separator dump valve broke, resulting in vented gas volumes.
Steps taken to limit the duration and magnitude of vent or flare	The operator found the separator dump valve broken on 1/25/2022 and immediately repaired the issue.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Operations repaired the issue successfully and will monitor the well to prevent additional failures, in conjunction with a weekly AVO. Operations has also installed a low pressure alarm has been set up to prevent additional releases. The Operator in this event was terminated from Logos Resources LLC. Logos Resources is committed to complying with 19.15.27 and will ensure these types of situations do not occur in the future as extensive training on 19.25.27 has been given to all Logos Resources technicians.

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ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.
<input checked="" type="checkbox"/>	I hereby certify the statements in this amending 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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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
 Action 75974

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	Action Number: 75974
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
vanessaf	If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	1/27/2022