

Monthly Meter Analysis
April 2025



Meter #: 82645-01
Name: ROSA UNIT 234 A

Sample
Date: 10/16/2024
Type: Spot
Pressure: 57.0 H2O:
Temperature: 68.0 H2S:

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide (CO2)	5.6355		13.8497
Nitrogen (N2)	0.3208		0.5018
Methane (C1)	93.0268		83.3376
Ethane (C2)	0.2819	0.0755	0.4733
Propane (C3)	0.7155	0.1975	1.7618
Isobutane (IC4)	0.0113	0.0037	0.0367
n-Butane (NC4)	0.0000	0.0000	0.0000
Isopentane (IC5)	0.0021	0.0008	0.0085
n-Pentane (NC5)	0.0010	0.0004	0.0040
Neopentane (neo)			
Hexanes Plus (C6+)	0.0051	0.0022	0.0266
Argon (Ar)			
Carbon Monoxide (CO)			
Hydrogen (H2)			
Oxygen (O2)			
Helium (He)			
Water (H2O)			
Hydrogen Sulfide (H2S)			
Totals	100.0000	0.2801	100.0000

Property	Total Sample
Pressure Base	14.730
Temperature Base	60.00
Relative Density	0.6194
HV, Dry @ Base P,T	967.62
HV, Sat @ Base P, T	950.74
HV, Sat @ Sample P, T	
Cricondentherm	-81.702
HCDP @ Sample Pressure	
Full Wellstream	
Free Water	
Condensate	
26 # RVP Gasoline	0.005
Testcar Permian	0.224
Testcar Panhandle	0.353
Testcar Midcon	0.369

LOGOS Operating, LLC
Rosa Unit 234A
Venting due to Pressure Relief Valve Malfunction
Well: 30-045-33740

During an elective flyover on August 18, 2025, a plume was identified at Rosa Unit 234A. Operations confirmed a malfunctioned PRV the same day, and the issue was repaired immediately upon discovery. Follow-up OGI performed on August 20, 2025, confirmed all leaks were repaired.

Event Details

- **Start of Event: 8/18/2025 at 7:27 AM MDT**
- **End of Event: 8/18/2025 at 6:21 PM MDT**
- **Methodology: Quantified emission rate from aerial flyover applied to event duration**

Estimated Volumes:

- **8/18/2025 – 9.5 MCF**

Sante Fe Main Office
Phone: (505) 476-3441

General Information
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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 500762

DEFINITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 500762
	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 500762

QUESTIONS

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QUESTIONS

Prerequisites <i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	[30-045-33740] ROSA UNIT #234A
Incident Facility	Unavailable.

Determination of Reporting Requirements <i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
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, answer to "eight hours or more" suggests this is at least a minor event.
<i>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.</i>	
Was there at least 50 MCF of natural gas vented and/or flared during this event	No
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	Dump Valve
Additional details for Equipment Involved. Please specify	During an elective flyover on August 18, 2025, a plume was identified at Rosa Unit 234A. Operations confirmed a malfunctioned PRV the same day, and the issue was repaired immediately upon discovery. Follow-up OGI performed on August 20, 2025, confirmed all leaks were repaired

Representative Compositional Analysis of Vented or Flared Natural Gas <i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	93
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	6
Oxygen (O2) percentage, if greater than one percent	0
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
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, Page 2

Action 500762

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	08/18/2025
Time vent or flare was discovered or commenced	07:27 AM
Time vent or flare was terminated	06:21 PM
Cumulative hours during this event	11

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Normal Operations Dump Valve Natural Gas Flared Released: 10 Mcf Recovered: 0 Mcf Lost: 10 Mcf.
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	Normal Operations. LOGOS conducts AVO inspections of equipment to ensure regulatory compliance. During an elective flyover, on August 18th, 2025, a plume was identified at Rosa Unit 234A. Operations identified a malfunctioned relay dump on August 18th, 2025.
Steps taken to limit the duration and magnitude of vent or flare	The issue was resolved immediately upon discovery. Follow-up OGI detected no additional leaks on-site, August 18th, 2025.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	LOGOS conducts AVO inspections of equipment to ensure regulatory compliance and insure safe and environmental operation's.

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ACKNOWLEDGMENTS

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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
sescojeda	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.	8/29/2025