

# Monthly Meter Analysis

December 2025



Meter #: 82255-01  
 Name: ROSA UNIT 400

**Sample**  
 Date: 11/14/2025  
 Type: Spot  
 Pressure: 89.0 H2O:  
 Temperature: 70.0 H2S:

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide (CO2)	2.8354		7.3794
Nitrogen (N2)	0.1115		0.1847
Methane (C1)	96.7463		91.7846
Ethane (C2)	0.1793	0.0480	0.3188
Propane (C3)	0.1275	0.0352	0.3325
Isobutane (IC4)	0.0000	0.0000	0.0000
n-Butane (NC4)	0.0000	0.0000	0.0000
Isopentane (IC5)	0.0000	0.0000	0.0000
n-Pentane (NC5)	0.0000	0.0000	0.0000
Neopentane (neo)			
Hexanes Plus (C6+)	0.0000	0.0000	0.0000
Argon (Ar)			
Carbon Monoxide (CO)			
Hydrogen (H2)			
Oxygen (O2)			
Helium (He)			
Water (H2O)			
Hydrogen Sulfide (H2S)			
<b>Totals</b>	<b>100.0000</b>	<b>0.0832</b>	<b>100.0000</b>

Property	Total Sample
Pressure Base	14.730
Temperature Base	60.00
Relative Density	0.5848
HV, Dry @ Base P,T	987.81
HV, Sat @ Base P, T	970.57
HV, Sat @ Sample P, T	
Cricondentherm	
HCDP @ Sample Pressure	
Full Wellstream	
Free Water	
Condensate	
26 # RVP Gasoline	
Testcar Permian	0.234
Testcar Panhandle	0.351
Testcar Midcon	0.380

**LOGOS Operating, LLC  
Rosa Unit 400  
PRV Malfunction  
Well: 30-039-30271**

**During an elective flyover on February 4, 2026, a plume was identified at Rosa Unit 400. Operations identified a PRV malfunction, and the issue was repaired immediately upon discovery on February 5, 2026. Follow-up OGI performed on February 6, 2026, confirmed no additional leaks on site.**

**Event Details**

- **Start of Event: 2/4/2026 at 12:22 PM MT**
- **End of Event: 2/5/2026 at 4:26 PM MT**
- **Methodology: Flyover quantification applied to event duration**

**Estimated Volumes:**

- **2/4/2026- 39.2 MCF**
- **2/5/2026- 52 MCF**

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

DEFINITIONS

Action 553456

**DEFINITIONS**

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 553456
	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 553456

**QUESTIONS**

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
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**QUESTIONS**

<b>Prerequisites</b>	
<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	[30-039-30271] ROSA UNIT #400
Incident Facility	Unavailable.

<b>Determination of Reporting Requirements</b>	
<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 <b>at least 50 MCF</b> of natural gas vented and/or flared during this event	No
Did this vent or flare result in the release of <b>ANY</b> 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

<b>Equipment Involved</b>	
Primary Equipment Involved	Fitting
Additional details for Equipment Involved. Please specify	Not answered.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	97
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	3
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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Action 553456

**QUESTIONS (continued)**

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**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/04/2026
Time vent or flare was discovered or commenced	12:22 PM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	11

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Normal Operations   Fitting   Natural Gas Vented   Released: 39 Mcf   Recovered: 0 Mcf   Lost: 39 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	During an elective flyover on February 4, 2026, a plume was identified at Rosa Unit 400, and it was determined that the PRV malfunctioned.
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-stie, February 6, 2026.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	LOGOS conducts inspections of equipment to ensure regulatory compliance and ensure safe environmental operations.



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ACKNOWLEDGMENTS

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**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	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 <b>complete</b> C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<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

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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.	2/12/2026