

Monthly Meter Analysis
July 2026



Meter #: 83153-01
Name: ROSA UNIT 29 C

Sample
Date: 04/10/2026
Type: Spot
Pressure: 87.0 H2O:
Temperature: 72.0 H2S:

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide (CO2)	2.9305		7.5113
Nitrogen (N2)	0.3263		0.5324
Methane (C1)	95.3306		89.0698
Ethane (C2)	0.9969	0.2671	1.7458
Propane (C3)	0.3715	0.1025	0.9541
Isobutane (IC4)	0.0151	0.0050	0.0511
n-Butane (NC4)	0.0080	0.0025	0.0271
Isopentane (IC5)	0.0030	0.0011	0.0126
n-Pentane (NC5)	0.0020	0.0007	0.0084
Neopentane (neo)			
Hexanes Plus (C6+)	0.0161	0.0070	0.0874
Argon (Ar)			
Carbon Monoxide (CO)			
Hydrogen (H2)			
Oxygen (O2)			
Helium (He)			
Water (H2O)			
Hydrogen Sulfide (H2S)			
Totals	100.0000	0.3859	100.0000

Property	Total Sample
Pressure Base	14.730
Temperature Base	60.00
Relative Density	0.5938
HV, Dry @ Base P,T	995.99
HV, Sat @ Base P, T	978.61
HV, Sat @ Sample P, T	
Cricondentherm	-63.938
HCDP @ Sample Pressure	
Full Wellstream	
Free Water	
Condensate	
26 # RVP Gasoline	0.014
Testcar Permian	0.248
Testcar Panhandle	0.358
Testcar Midcon	0.396

ROSA UNIT 29C — C-129 Emission Volume Calculation

LOGOS Operating, LLC | Satellite Duration Method | Separator Dump Valve Malfunction

Event Details			
Well:	Rosa Unit 29C		
API / OGRID:	3004534156		
Emission ID / Obs ID:	tan20260808T191650C84S4001-C		
Lat/Lon (detection):	36.93185, -107.48082		
Area:	4		
Detection source note:	Carbon Mapper- NMOCD RFI		
Event Type:	Gas bypass through the separator dump valve, based on SCADA trends.		
Satellite Detection Time:	8/8/2026 19:16:50 UTC		
Prior OGI / AVO:	OGI 4/22/2026 (no leaks) / AVO 8/3/2026		
Start of Event:	8/8/2026 8:28 AM MT (psi ecrease)		
End of Event:	8/10/2026 9:22 AM MT (psi increase)		
Methodology:	Satelite-detected rate applied to event duration assumming continuous emissions throughout the duration		
Reporting:	NMOCD Form C-129		
	CH4	Gas Stream (MCFD)	
Detection rate- CH4 (kg/h):	155		203.0

Volume Calculation (Rate x Hours / 24)			
Date	Hours on Leak	Rate (MCF/d)	Vented Volume (MCF)
8/8/2026	15.53	203.0	131.4
8/9/2026	24.00	203.0	203.0
8/10/2026	9.37	203.0	79.2
Total	48.90		413.6

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 627961

DEFINITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 627961
	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 627961

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	[30-045-34156] ROSA UNIT #029C
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, minor venting and/or flaring of natural gas.
<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	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	Dump Valve
Additional details for Equipment Involved. Please specify	Not answered.

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	95
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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QUESTIONS, Page 2

Action 627961

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	08/08/2026
Time vent or flare was discovered or commenced	08:28 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	15

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Normal Operations Dump Valve Natural Gas Vented Released: 131 Mcf Recovered: 0 Mcf Lost: 131 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	LOGOS Conducts AVO and flyover inspections of all wells.
Steps taken to limit the duration and magnitude of vent or flare	Mitigate dump valve .LOGOS Conducts AVO and flyover inspections of all wells.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Mitigate concerns with dump valve

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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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	Action Number: 627961
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
vanessaf	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.	9/25/2026