



2030 Afton Place
 Farmington, NM 87401
 (505) 325-6622

Analysis No: LG20260249
 Cust No: 46600-12480

Well/Lease Information

Customer Name: LOGOS OPERATING LLC	Source: METER RUN
Well Name: Rosa 594H; MR	Well Flowing: Y
County/State: Rio Aribba NM	Pressure: 434 PSIG
Location:	Flow Temp: DEG. F
Lease/PA/CA: Mancos	Ambient Temp: DEG. F
Formation:	Flow Rate: 563 MCF/D
Cust. Stn. No.: 1331551	Sample Method:
	Sample Date: 05/21/2026
	Sample Time: 6.52 PM
	Sampled By: Alfred P.
	Sampled by (CO): Logos
Heat Trace:	
Remarks: Calculated Molecular Weight: 16.7231	

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.3403	0.3412	0.0370	0.00	0.0033
CO2	2.1635	2.1695	0.3700	0.00	0.0329
Methane	97.2651	97.5347	16.5180	982.38	0.5388
Ethane	0.2181	0.2187	0.0580	3.86	0.0023
Propane	0.0131	0.0131	0.0040	0.33	0.0002
Iso-Butane	0.0000	0.0000	0.0000	0.00	0.0000
N-Butane	0.0000	0.0000	0.0000	0.00	0.0000
Neopentane 2,2 dmc3	0.0000	0.0000	0.0000	0.00	0.0000
I-Pentane	0.0000	0.0000	0.0000	0.00	0.0000
N-Pentane	0.0000	0.0000	0.0000	0.00	0.0000
Neohexane	0.0000	N/R	0.0000	0.00	0.0000
2-3-Dimethylbutane	0.0000	N/R	0.0000	0.00	0.0000
Cyclopentane	0.0000	N/R	0.0000	0.00	0.0000
2-Methylpentane	0.0000	N/R	0.0000	0.00	0.0000
3-Methylpentane	0.0000	N/R	0.0000	0.00	0.0000
C6	0.0000	0.0000	0.0000	0.00	0.0000
Methylcyclopentane	0.0000	N/R	0.0000	0.00	0.0000
Benzene	0.0000	N/R	0.0000	0.00	0.0000
Cyclohexane	0.0000	N/R	0.0000	0.00	0.0000
2-Methylhexane	0.0000	N/R	0.0000	0.00	0.0000
3-Methylhexane	0.0000	N/R	0.0000	0.00	0.0000
2-2-4-Trimethylpentane	0.0000	N/R	0.0000	0.00	0.0000
i-heptanes	0.0000	N/R	0.0000	0.00	0.0000
Heptane	0.0000	N/R	0.0000	0.00	0.0000

Methylcyclohexane	0.0000	N/R	0.0000	0.00	0.0000
Toluene	0.0000	N/R	0.0000	0.00	0.0000
2-Methylheptane	0.0000	N/R	0.0000	0.00	0.0000
4-Methylheptane	0.0000	N/R	0.0000	0.00	0.0000
i-Octanes	0.0000	N/R	0.0000	0.00	0.0000
Octane	0.0000	N/R	0.0000	0.00	0.0000
Ethylbenzene	0.0000	N/R	0.0000	0.00	0.0000
m, p Xylene	0.0000	N/R	0.0000	0.00	0.0000
o Xylene (& 2,2,4 tmc7)	0.0000	N/R	0.0000	0.00	0.0000
i-C9	0.0000	N/R	0.0000	0.00	0.0000
C9	0.0000	N/R	0.0000	0.00	0.0000
i-C10	0.0000	N/R	0.0000	0.00	0.0000
C10	0.0000	N/R	0.0000	0.00	0.0000
i-C11	0.0000	N/R	0.0000	0.00	0.0000
C11	0.0000	N/R	0.0000	0.00	0.0000
C12P	0.0000	N/R	0.0000	0.00	0.0000
Helium	0.0000	N/R	0.0000	0.00	0.0000
Total	100.00	100.277	16.987	986.57	0.5774

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.002	CYLINDER #:	4123
BTU/CU.FT IDEAL:	988.8	CYLINDER PRESSURE:	434 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	990.8	ANALYSIS DATE:	05/26/2026
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	973.6	ANALYSIS TIME:	11:25:19 AM
DRY BTU @ 15.025:	1010.6	ANALYSIS RUN BY:	ELAINE MORRISON
REAL SPECIFIC GRAVITY:	0.5783		

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.

GPA Standard: GPA 2286-14

GC: SRI Instruments 8610 Last Cal/Verify: 05/26/2026

GC Method: C12+BTEX Gas



LOGOS OPERATING LLC
WELL ANALYSIS COMPARISON

Lease: Rosa 594H; MR
Stn. No.: 1331551
Mtr. No.:

METER RUN

05/26/2026
46600-12480

Smpl Date:	05/21/2026
Test Date:	05/26/2026
Run No:	LG20260249
Nitrogen:	0.3403
CO2:	2.1635
Methane:	97.2651
Ethane:	0.2181
Propane:	0.0131
I-Butane:	0.0000
N-Butane:	0.0000
2,2 dmc3:	0.0000
I-Pentane:	0.0000
N-Pentane:	0.0000
Neohexane:	0.0000
2-3-	0.0000
Cyclopentane:	0.0000
2-Methylpentane:	0.0000
3-Methylpentane:	0.0000
C6:	0.0000
Methylcyclopentane:	0.0000
Benzene:	0.0000
Cyclohexane:	0.0000
2-Methylhexane:	0.0000
3-Methylhexane:	0.0000
2-2-4-	0.0000
i-heptanes:	0.0000
Heptane:	0.0000
Methylcyclohexane:	0.0000
Toluene:	0.0000
2-Methylheptane:	0.0000
4-Methylheptane:	0.0000
i-Octanes:	0.0000
Octane:	0.0000
Ethylbenzene:	0.0000
m, p Xylene:	0.0000
o Xylene (& 2,2,4	0.0000
i-C9:	0.0000
C9:	0.0000
i-C10:	0.0000
C10:	0.0000
i-C11:	0.0000
C11:	0.0000
C12P:	0.0000
Helium:	0.0000
BTU:	990.8
GPM:	16.9870
SPG:	0.5783

**LOGOS Operating, LLC
Rosa Unit 594H (Pad 8)
Equipment leak or malfunction
Well: 3003931480**

During an elective flyover on June 6, 2026, a plume was identified on Pad 8. Operations identified a valve on the 594H leaking, and the issue was resolved upon follow-up on June 7, 2026. Follow-up OGI confirmed no additional leaks on site.

Event Details

- **Start of Event: 6/6/2026 at 9:55 AM MT**
- **End of Event: 6/7/2026 at 6:34 PM MT**
- **Methodology: Flyover quantification applied to event duration**

Estimated Volumes:

- **6/6/2026 – 18.2 MCF**
- **6/7/2026 – 24.0 MCF**

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

General Information
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Online Phone Directory
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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 597177

DEFINITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 597177
	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 597177

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Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 597177
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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	[30-039-31480] ROSA UNIT #594H
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 within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	Valve
Additional details for Equipment Involved. Please specify	Operations identified a valve on the Rosa unit 594H leaking, and the issue was resolved upon follow-up on June 7, 2026.

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	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	2
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 597177

QUESTIONS (continued)

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 597177
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	06/07/2026
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	06:34 PM
Cumulative hours during this event	17

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Normal Operations Valve Natural Gas Vented Released: 24 Mcf Recovered: 0 Mcf Lost: 24 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 June 6, 2026, a plume was identified on Pad 8. Operations identified a valve on the Rosa Unit 894H leaking, and the issue was resolved upon follow-up on June 7, 2026. Follow-up OGI confirmed no additional leaks on-site,
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, on June 7,2026.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	LOGOS conducts AVO inspections of equipment to ensure regulatory compliance and ensure 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 complete 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

Action 597177

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	Action Number: 597177
	Action Type: [C-129] Venting and/or Flaring (C-129)

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.	6/18/2026