



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

Analysis No: LG20260250
 Cust No: 46600-12485

Well/Lease Information

Customer Name: LOGOS OPERATING LLC
 Well Name: Rosa 592H; MR
 County/State: Rio Arriba NM
 Location:
 Lease/PA/CA: Rosa
 Formation: Mancos
 Cust. Stn. No.: 1331551

Source: METER RUN
 Well Flowing: Y
 Pressure: 454 PSIG
 Flow Temp: DEG. F
 Ambient Temp: DEG. F
 Flow Rate: 1,940 MCF/D
 Sample Method:
 Sample Date: 05/21/2026
 Sample Time: 7.05 PM
 Sampled By: Alfredo P.
 Sampled by (CO): Logos

Heat Trace:

Remarks: Calculated Molecular Weight: 16.6936

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.2607	0.2603	0.0290	0.00	0.0025
CO2	2.0215	2.0186	0.3460	0.00	0.0307
Methane	97.3328	97.1927	16.5310	983.06	0.5391
Ethane	0.3851	0.3845	0.1030	6.81	0.0040
Propane	0.0000	0.0000	0.0000	0.00	0.0000
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	99.856	17.009	989.88	0.5764

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0021	CYLINDER #:	4077
BTU/CU.FT IDEAL:	992.2	CYLINDER PRESSURE:	454 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	994.2	ANALYSIS DATE:	05/26/2026
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	976.9	ANALYSIS TIME:	01:31:20 AM
DRY BTU @ 15.025:	1014.1	ANALYSIS RUN BY:	ELAINE MORRISON
REAL SPECIFIC GRAVITY:	0.5773		

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 592H; MR
Stn. No.: 1331551
Mtr. No.:

METER RUN
Mancos

05/26/2026
46600-12485

Smpl Date: 05/21/2026
Test Date: 05/26/2026
Run No: LG20260250

Nitrogen:	0.2607
CO2:	2.0215
Methane:	97.3328
Ethane:	0.3851
Propane:	0.0000
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:	994.2
GPM:	17.0090
SPG:	0.5773

**LOGOS Operating, LLC
Rosa Unit Pad 8
Flaring due to a pipeline malfunction
Facility: fAPP2614152542**

**TOTAL VOLUME: 4,840 MCFD
START OF EVENT: 5/31/2026 at 9:05 AM
END OF EVENT: 5/31/2026 at 12:05 PM**

Volume from the pad was measured by meters and added together to represent total facility volume flared.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

DEFINITIONS

Action 590432

DEFINITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 590432
	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 590432

QUESTIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 590432
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 ID (n#)	Unavailable.
Incident Name	Unavailable.
Incident Type	Flare
Incident Status	Unavailable.
Incident Facility	[fAPP2614152542] Pad 8
<i>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.</i>	

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	No
Is this considered a submission for a vent or flare event	Yes, major 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	Pipeline (Any)
Additional details for Equipment Involved. Please specify	Volume from the pad was measured by meters and added together to represent total facility volume flared.

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	97
Nitrogen (N2) percentage quality requirement	0
Hydrogen Sulfide (H2S) PPM quality requirement	0
Carbon Dioxide (CO2) percentage quality requirement	2
Oxygen (O2) percentage quality requirement	0

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QUESTIONS, Page 2

Action 590432

QUESTIONS (continued)

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 590432
	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	05/31/2026
Time vent or flare was discovered or commenced	09:05 AM
Time vent or flare was terminated	12:05 PM
Cumulative hours during this event	3

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	<i>Not answered.</i>
Natural Gas Flared (Mcf) Details	Cause: Midstream Emergency Maintenance Pipeline (Any) Natural Gas Flared Released: 4,840 Mcf Recovered: 0 Mcf Lost: 4,840 Mcf.
Other Released Details	<i>Not answered.</i>
Additional details for Measured or Estimated Volume(s). Please specify	4840 mcf. Volume from the pad was measured by meters and added together to represent total facility volume flared,
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	Yes
Was notification of downstream activity received by this operator	No
Downstream OGRID that should have notified this operator	[373888] Harvest Four Corners, LLC
Date notified of downstream activity requiring this vent or flare	
Time notified of downstream activity requiring this vent or flare	<i>Not answered.</i>

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 event was caused by Harvest El Cedro going down. Harvest did not notify LOGOS.
Steps taken to limit the duration and magnitude of vent or flare	The issue was resolved immediately upon discovery, the wells were shut in,
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Communicated with Harvest that proper notification needs to be made to LOGOS in the future.

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ACKNOWLEDGMENTS

Action 590432

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

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 590432

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Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 590432
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
sescojeda	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.	6/2/2026