



C9+ Analysis

GPA 2172/API 14.5 Report with GPA 2145 Physical Properties

Sample Information

		Sample Information
Sample Name		OVATION FC 1318 132H CHECK PAD O 6-3-25
Operator		Permian Resources
Lease		OVATION FC 1318 132H CHECK PAD O
Sample Date/Time:	Effective Date:	6-3-25 9:00 AM
Sample End Date		
Laboratory		Premier Measurement and Laboratory Services
Technician		AN
Analyzer Type		Gas Chromatograph - TCD
Analyzer Make & Model		Agilent Micro GC 3000
Last Calibration/Validation Date		6-16-2025
Sample Temperature		85 F
Sample Pressure		228 PSI
Sample Flow Rate		2124 MCF
Ambient Temperature		79 F
Heat Tracing		No
Sample Type		Spot
Sampling Method		Fill and Purge
Company Collecting Sample		LSM
Sampled By		JM
Cylinder #		1133
Mole, Weight, or Percent (For Flowcal DON'T EDIT)		M
Sample Calculation Method(For Flowcal DON'T EDIT)		GPA 2172/API 14.5 Report with GPA 2145 Physical Properties
Analysis Date		2025-06-17 12:13:18

Component Results

Component Name	Un-Normalized Mole%	Norm Mole%	
Nitrogen	2.1400	2.1296	
Carbon Dioxide	3.8200	3.8014	
Methane	77.6550	77.2771	
Ethane	9.7490	9.7016	

Component Name	Un-Normalized Mole%	Norm Mole%
Propane	4.2520	4.2313
isobutane	0.5600	0.5573
n-Butane	1.2170	1.2111
isopentane	0.2910	0.2896
n-Pentane	0.3080	0.3065
hexanes	0.3240	0.3224
heptanes	0.1220	0.1214
octanes	0.0370	0.0368
nonanes+	0.0140	0.0139
hydrogen sulfide	0.0000	0.0000
Total:	100.4890	100.0000

Results Summary

Result	Dry	Wet/Sat
Total Un-Normalized Mole%	100.4890	
Pressure Base (psia)	14.730	
Temperature Base (Deg. F)	60.00	
Gross Heating Value (BTU / Ideal cu.ft.)	1168.1	1147.8
Gross Heating Value (BTU / Real cu.ft.)	1172.1	1152.2
Relative Density (G), Ideal	0.7377	0.7357
Relative Density (G), Real	0.7399	0.7382
Compressibility (Z) Factor	0.9966	0.9962
Total GPM	18.800	18.580

PERMIAN

RESOURCES

Permian Resources meters all flared volumes, and volumes reported on C-129's in connection with flaring events are based on the available meter readings. While Permian Resources reports metered volumes on C-129 submissions, PR reviews the metered data for accuracy, reconciles any discovered discrepancies, and, where appropriate, submits amended C-129 reported volumes post-reconciliation to ensure accurate reporting.

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 542886

DEFINITIONS

Operator:	OGRID:
NOVO OIL & GAS NORTHERN DELAWARE, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	372920
	Action Number:
	542886

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 542886

QUESTIONS

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID:
	372920
	Action Number: 542886
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS**Prerequisites**

Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.

Incident ID (n#)	<i>Unavailable.</i>
Incident Name	<i>Unavailable.</i>
Incident Type	Flare
Incident Status	<i>Unavailable.</i>
Incident Facility	[fAPP2227647043] Ovation Pad O CTB

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.

Determination of Reporting Requirements

Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.

Was this vent or flare caused by an emergency or malfunction	No
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, major venting and/or flaring of natural gas.

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.

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	<i>Not answered.</i>
Additional details for Equipment Involved. Please specify	<i>Not answered.</i>

Representative Compositional Analysis of Vented or Flared Natural Gas

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	77
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	4
Oxygen (O2) percentage, if greater than one percent	0

If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.

Methane (CH4) percentage quality requirement	<i>Not answered.</i>
Nitrogen (N2) percentage quality requirement	<i>Not answered.</i>
Hydrogen Sulfide (H2S) PPM quality requirement	<i>Not answered.</i>
Carbon Dioxide (CO2) percentage quality requirement	<i>Not answered.</i>
Oxygen (O2) percentage quality requirement	<i>Not answered.</i>

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QUESTIONS, Page 2

Action 542886

QUESTIONS (continued)

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	372920
	Action Number: 542886
	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	01/03/2026
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	24

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	<i>Not answered.</i>
Natural Gas Flared (Mcf) Details	<i>Cause: Commissioning to Purge Pipeline (Any) Natural Gas Flared Released: 637 Mcf Recovered: 0 Mcf Lost: 637 Mcf.</i>
Other Released Details	<i>Not answered.</i>
Additional details for Measured or Estimated Volume(s). Please specify	<i>Not answered.</i>
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	<i>Not answered.</i>
Downstream OGRID that should have notified this operator	<i>Not answered.</i>
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	<i>Purging new equipment for new POP s</i>
Steps taken to limit the duration and magnitude of vent or flare	<i>Open valves to divert gas to a second midstream company to relieve pressure off the line</i>
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	<i>Clear consistent communication with midstream provider</i>

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ACKNOWLEDGMENTS

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	Action Number: 542886
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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

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	Action Number:	542886
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CONDITIONS

Created By	Condition	Condition Date
jdooleypr	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.	1/14/2026