C9+ Analysis

GPA 2172/API 14.5 Report with GPA 2145 Physical Properties

Sample Information

	Sample Information
Sample Name	TF 1244
Operator	Kaiser Francis
Lease	BLUN PAD U SALES
Sample Date/Time Effective Date:	5-12-25 7:30 AM
Sample End Date	
Laboratory	Laboratory Services and Measurement
Technician	OR
Analyzer Type	Gas Chromatograph - TCD
Analyzer Make & Model	AGILENT MICRO GC 3000
Last Calibration/Validation Date	5-12-25
Sample Temperature	81 F
Sample Pressure	78 PSI
Sample Flow Rate	8900 MCF
Ambient Temperature	62 F
Heat Tracing	No
Sample Type	Spot
Sampling Method	Fill and Purge
Company Collecting Sample	Matador
Sampled By	LOGAN HIMANGA
Cylinder #	1220
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
Report Date	2025-05-13 08:07:25

Component Results

Total Flow Updated: 05-14-25

Component Name	Un-Normalized Mole%	Norm Mole%	GPM (Dry) (Gal. / 1000 cu.ft.)	GPM (Sat) (Gal. / 1000 cu.ft.)	
Nitrogen	1.0600	1.0672	0.000	0.000	
Carbon Dioxide	9.1050	9.1670	0.000	0.000	
Methane	63.7270	64.1610	0.000	0.000	
Ethane	12.0750	12.1572	3.266	3.210	
Propane	7.9860	8.0404	2.225	2.187	
isobutane	0.9890	0.9957	0.327	0.322	
n-Butane	2.4450	2.4616	0.780	0.766	
isopentane	0.5890	0.5930	0.218	0.214	
n-Pentane	0.5960	0.6001	0.219	0.215	
hexanes	0.5450	0.5487	0.227	0.223	
heptanes	0.1560	0.1571	0.073	0.072	
octanes	0.0280	0.0282	0.015	0.014	
nonanes+	0.0220	0.0221	0.012	0.012	
hydrogen sulfide	0.0007	0.0007	0.000	0.000	
Total:	99.3237	100.0000	7.361	7.336	

Results Summary

Result	Dry	Wet/Sat	
Total Un-Normalized Mole%	99.3237		
Pressure Base (psia)	14.730		
Temperature Base (Deg. F)	60.00		
Gross Heating Value (BTU / Ideal cu.ft.)	1266.9	1244.9	
Gross Heating Value (BTU / Real cu.ft.)	1272.9	1251.3	
Relative Density (G), Ideal	0.8766	0.8722	
Relative Density (G), Real	0.8804	0.8763	
Compressibility (Z) Factor	0.9953	0.9948	
Total GPM	7.361	7.336	

NBL Pad U Flare VRU

Date	Close Reading	Open Reading	Static Pressure Psia	Differential	Gas Flowed
7/6/2025	869.59	665.83	0.00	0.00	199.76

*The volume was obtained from the flare meter and adjusted to the pressure base of 15.025.

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

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 484609
	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 484609

QUESTIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 484609
	Action Type: [C-129] Venting and/or Flaring (C-129)

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 Well	*Unavailable.*
Incident Facility	**[fAPP2512642972] BLUN Pad U**

Determination of Reporting Requirements	
Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide addional 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, minor 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 withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	*Not answered.*
Additional details for Equipment Involved. Please specify	*Not answered.*

Representative Compositional Analysis of Vented or Flared Natural Gas	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	64
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	9
Oxygen (02) 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	*Not answered.*
Nitrogen (N2) percentage quality requirement	*Not answered.*
Hydrogen Sufide (H2S) PPM quality requirement	*Not answered.*
Carbon Dioxide (C02) percentage quality requirement	*Not answered.*
Oxygen (02) percentage quality requirement	*Not answered.*

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QUESTIONS (continued)

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 484609
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	07/05/2025
Time vent or flare was discovered or commenced	06:32 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	17

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	Cause: Human Error | Tank (Any) | Natural Gas Flared | Released: 200 Mcf | Recovered: 0 Mcf | Lost: 200 Mcf.
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.	False
Please explain reason for why this event was beyond this operator's control	*Not answered.*
Steps taken to limit the duration and magnitude of vent or flare	Diverting to flare low set point, high differential pressure on meter due to human error undetected
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	None

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ACKNOWLEDGMENTS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 484609
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit a *Venting and/or Flaring* (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

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 484609
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
yvonned	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.	7/14/2025