

**C9+ Analysis**

GPA 2172/API 14.5 Report with GPA 2145 Physical Properties

**Sample Information**

		Sample Information
Sample Name		TF 1090
Operator		Kaiser Francis
Lease		BRANTLEY 2419 WC TOTAL
Sample Date/Time	Effective Date:	6-26-24 9:08 AM
Sample End Date		
Laboratory		Laboratory Services and Measurement
Technician		LC
Analyzer Type		Gas Chromatograph - TCD
Analyzer Make & Model		Agilent Micro GC 3000
Last Calibration/Validation Date		7-8-2024
Sample Temperature		96 F
Sample Pressure		115 PSI
Sample Flow Rate		3311 MCF
Ambient Temperature		84 F
Heat Tracing		No
Sample Type		Spot
Sampling Method		Fill and Purge
Company Collecting Sample		LSM
Sampled By		Matthew Silva
Cylinder #		1944
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		2024-07-09 08:42:57

Sent to technician to Update: 07-17-24

**Component Results**

Component Name	Un-Normalized Mole%	Norm Mole%	GPM (Dry) (Gal. / 1000 cu.ft.)	GPM (Sat) (Gal. / 1000 cu.ft.)	
Nitrogen	0.9490	0.9641	0.000	0.000	
Carbon Dioxide	0.0930	0.0945	0.000	0.000	
Methane	75.9360	77.1457	0.000	0.000	
Ethane	10.8330	11.0056	2.955	2.905	
Propane	5.4070	5.4931	1.519	1.493	
isobutane	0.8120	0.8249	0.271	0.266	
n-Butane	1.9740	2.0054	0.635	0.624	
isopentane	0.5530	0.5618	0.206	0.203	
n-Pentane	0.6300	0.6400	0.233	0.229	
hexanes	0.5320	0.5405	0.223	0.219	
heptanes	0.4200	0.4267	0.198	0.194	
octanes	0.2370	0.2408	0.124	0.122	
nonanes+	0.0560	0.0569	0.032	0.032	
hydrogen sulfide	0.0000	0.0000	0.000	0.000	
Total:	98.4320	100.0000	6.396	6.387	

**Results Summary**

Result	Dry	Wet/Sat	
Total Un-Normalized Mole%	98.4320		
Pressure Base (psia)	14.730		
Temperature Base (Deg. F)	60.00		
Gross Heating Value (BTU / Ideal cu.ft.)	1323.8	1300.8	
Gross Heating Value (BTU / Real cu.ft.)	1329.3	1306.7	
Relative Density (G), Ideal	0.7656	0.7631	
Relative Density (G), Real	0.7684	0.7662	
Compressibility (Z) Factor	0.9959	0.9955	
Total GPM	6.396	6.387	

MF Flare

Date	Close Reading	Open Reading	Static Pressure Psia	Differential	Gas Flowed
7/13/2025	62181.44	61824.67	653.29	0.00	349.77

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

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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 484859

DEFINITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 484859
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

DEFINITIONS

<p>For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:</p> <ul style="list-style-type: none"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul>
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QUESTIONS

Action 484859

**QUESTIONS**

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	Action Number: 484859
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

**QUESTIONS**

<b>Prerequisites</b>	
<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	[fAPP2205542923] BRANTLEY FEE PAD
<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>	

<b>Determination of Reporting Requirements</b>	
<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 <b>at least 50 MCF</b> of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of <b>ANY</b> 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

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

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	77
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	0
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 484859

**QUESTIONS (continued)**

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 484859
	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	07/12/2025
Time vent or flare was discovered or commenced	07:43 AM
Time vent or flare was terminated	12:43 PM
Cumulative hours during this event	5

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure   Pipeline (Any)   Natural Gas Flared   Released: 557 Mcf   Recovered: 0 Mcf   Lost: 557 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	Yes
Was notification of downstream activity received by this operator	No
Downstream OGRID that should have notified this operator	[316048] ENERGY TRANSFER PARTNERS, LP
Date notified of downstream activity requiring this vent or flare	
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	Intermittent HLP was beyond our control
Steps taken to limit the duration and magnitude of vent or flare	Curtailed production and/or shut-in wells
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Ongoing effort with downstream partners to increase reliability



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ACKNOWLEDGMENTS

Action 484859

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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

Action 484859

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CONDITIONS

Created By	Condition	Condition Date
yvonned	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.	7/15/2025