

- **Operators:** Maverick Permian LLC
- **Name and Type of Facility:** Ruby Federal Production
- **Equipment Involved:** Upset flare, EPNFlare
- **Compositional analysis:** See below

Analytical Data				
Components	Mol. %	Wt. %	GPM at 14.696 psia	
Carbon Dioxide	2.376	4.664		GPM TOTAL C2+ 6.529
Hydrogen Sulfide	0.500	0.760		
Nitrogen	2.894	3.616		
Methane	70.865	50.705		
Ethane	13.750	18.441	3.682	
Propane	6.323	12.436	1.744	
Iso-Butane	0.714	1.851	0.234	
n-Butane	1.615	4.187	0.510	
Iso-Pentane	0.342	1.101	0.125	
n-Pentane	0.311	1.001	0.113	
Cyclopentane	0.014	0.043	0.004	
n-Hexane	0.045	0.169	0.018	
Cyclohexane	0.026	0.095	0.009	
Other Hexanes	0.086	0.329	0.035	
Heptanes	0.059	0.247	0.024	
Methylcyclohexane	0.012	0.055	0.005	
2,2,4-Trimethylpentane	0.000	0.002	0.000	
Benzene	0.033	0.111	0.009	
Toluene	0.012	0.051	0.004	
Ethylbenzene	0.002	0.010	0.001	
Xylenes	0.003	0.011	0.001	
Octanes Plus	0.018	0.115	0.011	
	100.000	100.000	6.529	
Calculated Physical Properties				
Relative Density Real Gas		Total 0.7767	C8+ 3.6501	
Calculated Molecular Weight		22.42	105.72	
Compressibility Factor		0.9962		
GPA 2172 Calculation:				

- **Date and time that flaring occurs:** 9/27/2024 @ 12:00am
- **Estimated Volume of flaring:** 705 mcf, 24 hours and 0 minutes estimated

Cause and Nature of flaring: On September 27, 2024, site had to flare due to Durango curtailment.

- **Steps taken to limit duration and magnitude of venting:** EPN Flare is only used during upsets and emergencies. The flare is operated with best management practices during flaring events.
- **Corrective actions taken to eliminate the cause and recurrence of:** Maverick is currently looking into potential future solutions to reroute gas to avoid flaring.

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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 388046

DEFINITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 388046
	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 388046

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 388046
	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	[fAPP2423345192] Ruby Federal Production

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	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, 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 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	71
Nitrogen (N2) percentage, if greater than one percent	3
Hydrogen Sulfide (H2S) PPM, rounded up	1
Carbon Dioxide (C02) percentage, if greater than one percent	2
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	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 (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 388046

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	09/27/2024
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	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Midstream Emergency Maintenance Other (Specify) Natural Gas Flared Released: 705 Mcf Recovered: 0 Mcf Lost: 705 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	Yes
Downstream OGRID that should have notified this operator	[370570] FRONTIER ENERGY SERVICES, LLC
Date notified of downstream activity requiring this vent or flare	09/13/2024
Time notified of downstream activity requiring this vent or flare	09:00 AM

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	On September 27, 2024, site had to flare due to Durango curtailment.
Steps taken to limit the duration and magnitude of vent or flare	EPN Flare is only used during upsets and emergencies. The flare is operated with best management practices during flaring events.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Maverick is currently looking into potential future solutions to reroute gas to avoid flaring.

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ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

☒	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.
☒	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

Action 388046

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
dcarter	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.	9/28/2024