

- **Operators:** Maverick Permian LLC
- **Name and Type of Facility:** East Vacuum Liquid Recovery and CO2 Plant, P092-R4, 638-PRT20200001
- **Equipment Involved:** Upset flare, EPNFlare
- **Compositional analysis:** See below

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.4000	0.4	
Nitrogen (N2)	1.9970	2.00491	
CO2 (CO2)	79.3960	79.71478	
Methane (C1)	9.9310	9.97038	
Ethane (C2)	3.8710	3.88651	1.0350
Propane (C3)	2.1280	2.137	0.5860
I-Butane (IC4)	0.2880	0.28899	0.0940
N-Butane (NC4)	0.8090	0.81227	0.2550
I-Pentane (IC5)	0.2850	0.28662	0.1040
N-Pentane (NC5)	0.2960	0.2973	0.1070
Hexanes Plus (C6+)	0.5990	0.60124	0.2670
TOTAL	100.0000	100.4000	2.4480

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

- **Date and time that flaring occurs:** 10/24/2023 @ 3:40 am
- **Estimated Volume of flaring:** 570.65 mcf, 14 hours and 10 minutes estimated

Cause and Nature of flaring: On October 24, 2023, all of the re-injection compressors went down due to a power outage at the plant and field (Lea County Electric Cooperative)

- **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. This event was beyond operations control.
- **Corrective actions taken to eliminate the cause and recurrence of:** Notified field operations and called Lea County Electric Cooperative. Restarted compressors as needed after power was restored.

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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 279428

DEFINITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 279428
	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 279428

QUESTIONS

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	Action Number: 279428
	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	[fSAP0325547791] EAST VACUUM UNIT - CO2 REINJECTION

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 within 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	10
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	1
Carbon Dioxide (CO2) percentage, if greater than one percent	80
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 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 279428

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	10/24/2023
Time vent or flare was discovered or commenced	03:30 AM
Time vent or flare was terminated	05:50 PM
Cumulative hours during this event	14

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Power Failure Other (Specify) Natural Gas Flared Released: 571 Mcf Recovered: 0 Mcf Lost: 571 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	[306120] LEA ENERGY SERVICES, LLC
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.	True
Please explain reason for why this event was beyond this operator's control	On October 24, 2023, all of the re-injection compressors went down due to a power outage at the plant and field (Lea County Electric Cooperative).
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. This event was beyond operations control.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Notified field operations and called Lea County Electric. Restarted compressors as needed after power was restored.

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ACKNOWLEDGMENTS

Action 279428

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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 279428

CONDITIONS

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	Action Number: 279428
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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.	10/25/2023