

- **Operators:** Maverick Permian LLC
- **Name and Type of Facility:** East Vacuum Liquid Recovery and CO2 Plant, P092-R4, 638-PRT20200001
- **Facility Id:** fSAP0325547791
- **Latitude** 32.47415 **Longitude** -103.27261
- **ULSTR** A-33-17S-35E
- **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:** 4/9/2024 @ 12:31am
- **Estimated Volume of flaring:** 1711.41 mcf, 18 hours and 55 minutes estimated (not continuous)
- **Cause and Nature of flaring:** On April 9,2024 , #1,2,6,7,50 compressors all went down on low suction pressure due to a power dip (Lea County Electric Coop.) #1,2,6,7,50 compressors all went down again multiple times due to the CTB inlet valve repeatedly faulting (field going down)
- **Steps taken to limit duration and magnitude of venting:**
Restarted compressors as needed when the field came back on
- **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
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Oil Conservation Division
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DEFINITIONS

Action 332123

DEFINITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 332123
	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 332123

QUESTIONS

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	Action Number: 332123
	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	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 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	10
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	79
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 332123

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/09/2024
Time vent or flare was discovered or commenced	12:31 AM
Time vent or flare was terminated	07:26 PM
Cumulative hours during this event	18

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Other Other (Specify) Natural Gas Flared Released: 1,711 Mcf Recovered: 0 Mcf Lost: 1,711 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.	True
Please explain reason for why this event was beyond this operator's control	On April 9,2024 , #1,2,6,7,50 compressors all went down on low suction pressure due to a power dip (Lea County Electric Coop.) #1,2,6,7,50 compressors all went down again multiple times due to the CTB inlet valve repeatedly faulting (field going down)
Steps taken to limit the duration and magnitude of vent or flare	Restarted compressors as needed when the field came back on
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

Action 332123

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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 332123

CONDITIONS

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	Action Number: 332123
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CONDITIONS

Created By	Condition	Condition Date
cisaly	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.	4/10/2024