

ANALYSIS DETAIL

ID:  
22003

# SOUTH INDIAN BASIN CMPR STA - 8563 - 01/31/2024

8563

Status: Finalized

Type: SHER Analysis

Collection Date: 31 Jan 2024

## Analysis Information

Vendor Name:

Reviewed By:

Submit Date:

Comments:

Analysis Number:

Reviewed On:

## Analysis Attributes

### General Attributes

SHER - EPN 6737

SHER - Flare Point 8563

## Analysis Values

Analysis Value Name	Analysis Value	Units	Comments
HAP MW	86.18	lb/lb-mole	
Higher Heating Value	0.6442	Btu/scf	
Lower Heating Value	0.6441	Btu/scf	
VOC MW	61.64832	lb/lb-mole	

## Analysis Compounds

Compound	Analysis Value	Units	Comments
Carbon Dioxide	0.446	mole %	
Ethane	4.647	mole %	
Hexane +	0.926	mole %	
Hydrogen Sulfide	0.4	mole %	
i-Butane	0.269	mole %	
i-Pentane	0.188	mole %	
Methane	90.076	mole %	
n-Butane	0.42	mole %	
Nitrogen	1.075	mole %	
n-Pentane	0.178	mole %	
Potential HAPs	0.926	mole %	
Propane	1.375	mole %	
VOC	3.356	mole %	

Report Date: 14 May 2024

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## UPSET FLARING EVENT SPECIFIC JUSTIFICATIONS FORM

**Facility ID:** fjXK1530631838

**Operator:** Occidental Permian LTD.

**Facility:** South Indian Basin MPR STA

**Flare Date:** 04/16/2026

**Duration of Event:** 10 Hours 47Minutes

**MCF Flared:** 1888

**Start Time:** 1:12 PM

**End Time:** 11:59 PM

**Cause:** Emergency Vent >Third party > found valve on the compressor

**Method of Vented Gas Measurement:** estimate

**1. Reason why this event was beyond Operator's control:** This emissions event was caused by the unforeseen, unexpected, sudden, and unavoidable breakdown of equipment or process that was beyond the owner/operator's control. It did not stem from any activity that could have been foreseen or avoided, and it could not have been prevented through good design, operation, or preventative maintenance practices. Oxy maintains responsible and effective facility operating practices and a continuous preventative maintenance program for its equipment. The FLY-2026-106-9 discovery date was **April 17, 2026, at 8:01 a.m.** After the wells had been shut in due to a third-party shut-in, the wells were brought back online. At that time, it was discovered that a valve on the compressor scrubber dump line had been left open by the third-party operator, causing gas to vent through the vent stack. The valve was then closed, and PTs made facility adjustments to eliminate venting from the flare stack. The incident was unexpected and occurred without advance notice or warning from the third-party operator. Although venting is not Oxy's preferred method for handling excess gas, it was necessary to ensure the safety of operations, equipment, and field personnel. Oxy made every effort to control and minimize emissions during this event. The occurrence was beyond Oxy's control, and Oxy took all possible measures to manage and reduce emissions to the greatest extent possible.

**0. Steps Taken to limit duration and magnitude of venting or flaring:** OXY routes stranded gas to a flare during emergencies or malfunctions that cannot be predicted or avoided, aiming to minimize emissions. This incident was unexpected and beyond OXY's control. While not OXY's preferred method, venting it was necessary for safety. Field personnel minimized emissions by adjusting well operations and safely returning equipment to normal once possible. All feasible measures were taken to manage and reduce emissions during this event.

**2. Corrective Actions taken to eliminate the cause and reoccurrence of venting or flaring** The emissions event resulted from an unexpected equipment or process failure beyond the owner/operator's control that could not have been prevented with proper design or maintenance. OXY's policy is to flare all stranded sales gas during such emergencies to minimize emissions. Operators made necessary adjustments to the facility's to eliminate venting from flare stack .

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General Information  
Phone: (505) 629-6116

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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 580922

**DEFINITIONS**

Operator: OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	OGRID: 157984
	Action Number: 580922
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

**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 580922

**QUESTIONS**

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	Action Number: 580922
	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	[fAPP2413536903] South Indian Basin CPMR STA
<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	Yes
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 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

<b>Equipment Involved</b>	
Primary Equipment Involved	Other (Specify)
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	91
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	1
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	0
Nitrogen (N2) percentage quality requirement	0
Hydrogen Sulfide (H2S) PPM quality requirement	0
Carbon Dioxide (CO2) percentage quality requirement	0
Oxygen (O2) percentage quality requirement	0

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QUESTIONS, Page 2

Action 580922

**QUESTIONS (continued)**

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	Action Number: 580922
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**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/16/2026
Time vent or flare was discovered or commenced	01:16 PM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	11

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Equipment Failure   Gas Compressor Station   Natural Gas Vented   Released: 1,888 Mcf   Recovered: 0 Mcf   Lost: 1,888 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
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	No
Downstream OGRID that should have notified this operator	0
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	False
Please explain reason for why this event was beyond this operator's control	1. Reason why this event was beyond Operator's control: This emissions event was caused by the unforeseen, unexpected, sudden, and unavoidable breakdown of equipment or process that was beyond the owner/operator's control. It did not stem from any activity that could have been foreseen or avoided, and it could not have been prevented through good design, operation, or preventative maintenance practices. Oxy maintains responsible and effective facility operating practices and a continuous preventative maintenance program for its equipment. The FLY-2026-106-9 discovery date was April 17, 2026, at 8:01 a.m. After the wells had been shut in due to a third-party shut-in, the wells were brought back online. At that time, it was discovered that a valve on the compressor scrubber dump line had been left open by the third-party operator, causing gas to vent through the vent stack. The valve was then closed, and PTs made facility adjustments to eliminate venting from the flare stack. The incident was unexpected and occurred without advance notice or warning from the third-party operator. Although venting is not Oxy's preferred method for handling excess gas, it was necessary to ensure the safety of operations, equipment, and field personnel. Oxy made every effort to control and minimize emissions during this event. The occurrence was beyond Oxy's control, and Oxy took all possible measures to manage and reduce emissions to the greatest extent possible.
	OXY routes stranded gas to a flare during emergencies or malfunctions that cannot be predicted or avoided, aiming to minimize emissions. This incident was unexpected and

Steps taken to limit the duration and magnitude of vent or flare	beyond OXY's control. While not OXY's preferred method, venting it was necessary for safety. Field personnel minimized emissions by adjusting well operations and safely returning equipment to normal once possible. All feasible measures were taken to manage and reduce emissions during this event.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The emissions event resulted from an unexpected equipment or process failure beyond the owner/operator's control that could not have been prevented with proper design or maintenance. OXY's policy is to flare all stranded sales gas during such emergencies to minimize emissions. Operators made necessary adjustments to the facility's to eliminate venting from flare stack .

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ACKNOWLEDGMENTS

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	Action Number: 580922
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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

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**CONDITIONS**

Created By	Condition	Condition Date
srojas	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.	4/30/2026