

	Sample Information
Sample Name	SALT FLAT CTB TRAIN 3 CHECK (FMP)
Technician	NOE GARCIA
Analyzer Make & Model	INFICON MICRO GC
Last Calibration/Validation Date	6/26/2025
Meter Number	18723C
Air temperature	79
Flow Rate (MCF/Day)	23592
Heat Tracing	Heated Hose & Gasifier
Sample description/mtr name	SALT FLAT CTB TRAIN 3 CHECK (FMP)
Sampling Method	fill and empty
Operator	AKM MEASUREMENT
State	New Mexico
Region Name	PERMIAN_RESOURCES
Lease name	SALT FLAT CTB TRAIN 3 CHECK (FMP)
System	WEST
FLOC	OP-L2116-BT002
Sample Sub Type	CTB
Sample Name Type	meter
Vendor	AKM MEASUREMENT
Cylinder #	38599
Sampled by	AUSTIN MCCOY
Sample date	6/18/2025
Analyzed date	6/26/2025
Method Name	C9
Injection Date	2025-06-26 12:26:45
Report Date	2025-06-26 12:40:54
EZReporter Configuration File	1-16-2023 OXY GPA C9+ H2S #2 (1) (1).cfgx
Source Data File	e755d9c4-b2a0-4099-9f6e-c61aea786761
NGA Phys. Property Data Source	GPA Standard 2145-16 (FPS)
Data Source	INFICON Fusion Connector

Component Results

Component Name	Peak Area	Raw Amount	Response Factor	Norm Mole%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)	
Nitrogen	26859.5	1.8717	0.00006969	1.8722	0.0	0.01811	0.207	
Methane	857398.1	75.6371	0.00008822	75.6539	765.9	0.41905	12.871	
CO2	32510.4	1.8707	0.00005754	1.8711	0.0	0.02843	0.320	
Ethane	201864.6	11.2000	0.00005548	11.2025	198.7	0.11630	3.007	
H2S	0.0	0.0003	0.00000000	0.0003	0.0	0.00000	0.000	
Propane	134528.2	5.3472	0.00003975	5.3485	134.9	0.08143	1.479	
iso-butane	68480.0	0.6728	0.00000982	0.6730	21.9	0.01351	0.221	
n-Butane	174296.5	1.6939	0.00000972	1.6943	55.4	0.03400	0.536	
iso-pentane	47769.7	0.4156	0.00000870	0.4157	16.7	0.01036	0.153	
n-Pentane	58218.1	0.4843	0.00000832	0.4845	19.5	0.01207	0.176	
hexanes	48038.0	0.4185	0.00000871	0.4186	20.0	0.01246	0.173	
heptanes	46736.0	0.2483	0.00000531	0.2483	13.7	0.00859	0.115	
octanes	22936.0	0.1059	0.00000462	0.1059	6.6	0.00418	0.054	
nonanes+	5485.0	0.0112	0.00000204	0.0112	0.8	0.00050	0.006	
Total:		99.9775		100.0000	1254.0	0.75898	19.318	

Results Summary

Result	Dry	Sat.
Total Un-Normalized Mole%	99.9775	
Pressure Base (psia)	14.730	
Temperature Base (Deg. F)	60.00	
Flowing Temperature (Deg. F)	88.0	
Flowing Pressure (psia)	72.0	

Result	Dry	Sat.	
Gross Heating Value (BTU / Ideal cu.ft.)	1254.0	1232.2	
Gross Heating Value (BTU / Real cu.ft.)	1258.8	1237.4	
Relative Density (G), Real	0.7615	0.7595	

Monitored Parameter Report

Parameter	Value	Lower Limit	Upper Limit	Status	
Total un-normalized amount	99.9775	97.0000	103.0000	Pass	

**UPSET FLARING EVENT SPECIFIC JUSTIFICATIONS FORM****Facility Id#** fAPP2126563666**Operator:** OXY USA, Inc.**Facility:** Salt Flat CTB**Flare Date:** 07/11/2025**Duration of Event:** 2 Hours 50 Minutes**MCF Flared:** 110**Start Time:** 01:30 PM**End Time:** 04:20 PM**Cause:** Emergency Flare > Equipment Malfunction > Multiple Compression Equipment Issues**Method of Flared Gas Measurement:** Gas Flare Meter

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 and did not stem from activity that could have been foreseen and avoided, and could not have been avoided by good design, operation, and preventative maintenance practices. Oxy engages in respectable and good facility operation practices while also maintaining its continuous facility equipment preventative maintenance program. In this case, there were multiple sudden and unexpected compression equipment malfunctions, within a 24-hour period, which in turn, then prompted high field pressure to occur several times, which then triggered brief intermittent flaring incidents to occur at the Salt Flat CTB. This event is out of OXY's control yet OXY made every effort to control and minimize emissions as much as possible by working safely and diligently.

2. Steps Taken to limit duration and magnitude of venting or flaring:

It is OXY's policy to route its stranded gas to a flare during an unforeseen and unavoidable emergency or malfunction, that is beyond Oxy's control to avoid, prevent or foresee, to minimize emissions as much as possible as part of the overall steps taken to limit duration and magnitude of flaring. The flare at this facility has 98% combustion efficiency to lessen emissions as much as possible. In this case, there were multiple sudden and unexpected compression equipment malfunctions, within a 24-hour period, which in turn, then prompted high field pressure to occur several times, which then triggered brief intermittent flaring incidents to occur at the Salt Flat CTB. In each instance of intermittent flaring which occurred, the facility's well-optimizer adjusted injection rates and field personnel manually restarted compression equipment to mitigate and subsequently cease flaring. Notwithstanding proper gas compressor design and operation, various forms of mechanical or technical issues can be sudden, reasonably unforeseeable, and unexpected which can cause compressor unit malfunctions to occur without warning or advance notice. Compressor engines are designed to operate in a precise manner and when malfunctions occur, it disrupts the compression unit's operating manner and robs the compression engine of power, thus causing an automatic shutdown of the unit. This event is out of OXY's control yet OXY made every effort to control and minimize emissions as much as possible.

3. Corrective Actions taken to eliminate the cause and reoccurrence of venting or flaring:

Oxy is limited in the corrective actions available to them to eliminate the cause and potential reoccurrence of compressor malfunctions as notwithstanding compressor engine design and operation, compressors are inherently dynamic and even the smallest alarms, false or true, can be sudden, reasonably unforeseeable and unexpected which can cause compression malfunctions to occur, thereby, triggering the unit's sensors to automatically shut down the unit to avoid catastrophic damage to the internal engine components. Oxy continually strives to maintain and operate all its equipment in a manner consistent with good practices for minimizing emissions and reducing the number of emission events. Oxy has a strong and positive equipment preventative maintenance program in place.

Sante Fe Main Office
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General Information
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Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Action 499312

DEFINITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 499312
	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 499312

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 499312
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

Prerequisites	
<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	[fAPP2126563666] SALT FLAT CTB
<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>	

Determination of Reporting Requirements	
<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, minor 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

Equipment Involved	
Primary Equipment Involved	Other (Specify)
Additional details for Equipment Involved. Please specify	Emergency Flare > Equipment Malfunction > Multiple Compression Equipment Issues

Representative Compositional Analysis of Vented or Flared Natural Gas	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	76
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	3
Carbon Dioxide (CO2) percentage, if greater than one percent	2
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 499312

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	07/11/2025
Time vent or flare was discovered or commenced	01:30 PM
Time vent or flare was terminated	04:20 PM
Cumulative hours during this event	3

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: 110 MCF Recovered: 0 MCF Lost: 110 MCF.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Gas Flare Meter
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	True
Please explain reason for why this event was beyond this 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 and did not stem from activity that could have been foreseen and avoided, and could not have been avoided by good design, operation, and preventative maintenance practices. Oxy engages in respectable and good facility operation practices while also maintaining its continuous facility equipment preventative maintenance program. In this case, there were multiple sudden and unexpected compression equipment malfunctions, within a 24-hour period, which in turn, then prompted high field pressure to occur several times, which then triggered brief intermittent flaring incidents to occur at the Salt Flat CTB. This event is out of OXY's control yet OXY made every effort to control and minimize emissions as much as possible by working safely and diligently.
Steps taken to limit the duration and magnitude of vent or flare	It is OXY's policy to route its stranded gas to a flare during an unforeseen and unavoidable emergency or malfunction, that is beyond Oxy's control to avoid, prevent or foresee, to minimize emissions as much as possible as part of the overall steps taken to limit duration and magnitude of flaring. The flare at this facility has 98% combustion efficiency to lessen emissions as much as possible. In this case, there were multiple sudden and unexpected compression equipment malfunctions, within a 24-hour period, which in turn prompted high field pressure to occur several times, which then triggered brief intermittent flaring incidents to occur at the Salt Flat CTB. In each instance of intermittent flaring which occurred, the facility's well-optimizer adjusted injection rates and field personnel manually restarted

	compression equipment to mitigate and subsequently cease flaring. Notwithstanding proper gas compressor design and operation, various forms of mechanical or technical issues can be sudden, reasonably unforeseeable, and unexpected which can cause compressor unit malfunctions to occur without warning or advance notice. Compressor engines are designed to operate in a precise manner and when malfunctions occur, it disrupts the compression unit's operating manner and robs the compression engine of power, thus causing an automatic shutdown of the unit. This event is out of OXY's control yet OXY made every effort to control and minimize emissions as much as possible.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Oxy is limited in the corrective actions available to them to eliminate the cause and potential reoccurrence of compressor malfunctions as notwithstanding compressor engine design and operation, compressors are inherently dynamic and even the smallest alarms, false or true, can be sudden, reasonably unforeseeable and unexpected which can cause compression malfunctions to occur, thereby, triggering the unit's sensors to automatically shut down the unit to avoid catastrophic damage to the internal engine components. Oxy continually strives to maintain and operate all its equipment in a manner consistent with good practices for minimizing emissions and reducing the number of emission events. Oxy has a strong and positive equipment preventative maintenance program in place.

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ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

☒	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.
☒	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.
☒	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.
☒	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 499312

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition Date
shelbyschoepf	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.	8/26/2025