AKM Measurement Services, LLC
Carlsbad, New Mexico

AKM MEASUREMENT SERVICES,LLC. Natural Gas Analysis Report
GPA 2172-09/API 14.5 Report with GPA 2145-16 Physical Properties

	Sample Information
Sample Name	SALT FLAT CTB TRAIN 1 CHECK (FMP)
Technician	ANTHONY DOMINGUEZ
Analyzer Make & Model	INFICON MICRO GC
Last Calibration/Validation Date	11-30-2023
Meter Number	18721C
Air temperature	82
Flow Rate (MCF/Day)	155556.36
Heat Tracing	HEATED HOSE & GASIFIER
Sample description/mtr name	SALT FLAT CTB TRAIN 1 CHECK (FMP)
Sampling Method	FILL & EMPTY
Operator	OCCIDENTAL PETROLEUM, OXY USA INC
State	NEW MEXICO
Region Name	PERMIAN_RESOURCES
Asset	NEW MEXICO
System	WEST
FLOC	OP-L2116-BT002
Sample Sub Type	GAS LIFT
Sample Name Type	WELL
Vendor	AKM MEASUREMENT
Cylinder #	5565
Sampled by	LUIS JIMENEZ
Sample date	11-21-2023
Analyzed date	12-2-2023
Method Name	C9
Injection Date	2023-12-02 12:37:54
Report Date	2023-12-02 12:41:23
EZReporter Configuration File	1-16-2023 OXY GPA C9+ H2S #2.cfgx
Source Data File	2224b3ab-5b91-40a7-ba7c-878a9ad59783
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	39257.6	2.2350	0.00005693	2.2430	0.0	0.02169	0.248	
Methane	1023303.0	74.6272	0.00007293	74.8951	758.2	0.41484	12.742	
CO2	70455.8	3.3418	0.00004743	3.3538	0.0	0.05096	0.574	
Ethane	221198.0	10.1712	0.00004598	10.2077	181.1	0.10598	2.740	
H2S	0.0	0.0000	0.00000000	0.0000	0.0	0.00000	0.000	
Propane	152804.8	4.9951	0.00003269	5.0130	126.4	0.07632	1.386	
iso-butane	59880.2	0.6653	0.00001111	0.6677	21.8	0.01340	0.219	
n-Butane	153261.1	1.6911	0.00001103	1.6972	55.5	0.03406	0.537	
iso-pentane	48760.5	0.4796	0.00000984	0.4813	19.3	0.01199	0.177	
n-Pentane	60478.1	0.5713	0.00000945	0.5733	23.0	0.01428	0.209	
hexanes	53280.0	0.5251	0.00000986	0.5270	25.1	0.01568	0.217	
heptanes	42025.0	0.2546	0.00000606	0.2555	14.1	0.00884	0.118	
octanes	14982.0	0.0811	0.00000541	0.0814	5.1	0.00321	0.042	
nonanes+	1092.0	0.0039	0.00000360	0.0040	0.3	0.00018	0.002	
Total:		99.6424		100.0000	1229.9	0.77144	19.211	

Results Summary

Result	Dry	Sat.	
Total Un-Normalized Mole%	99.6424		
Pressure Base (psia)	14.730		
Temperature Base (Deg. F)	60.00		
Flowing Temperature (Deg. F)	71.2		

Result	Dry	Sat.
Flowing Pressure (psia)	94.9	
Gross Heating Value (BTU / Ideal cu.ft.)	1229.9	1208.5
Gross Heating Value (BTU / Real cu.ft.)	1234.6	1213.6
Relative Density (G), Real	0.7741	0.7718

Monitored Parameter Report

Parameter	Value	Lower Limit	Upper Limit	Status
Total un-normalized amount	99.6424	97.0000	103.0000	Pass

UPSET FLARING EVENT SPECIFIC JUSTIFICATIONS FORM

Facility Id# fAPP2126563666 **Operator:** OXY USA, Inc.

Facility: Salt Flat CTB **Flare Date:** 04/12/2025

Duration of Event: 7 Hours 11 Minutes **MCF Flared:** 190

Start Time: 09:27 AM **End Time:** 04:38 PM

Cause: Emergency Flare > Downstream Activity > Enterprise > Process Intake Capacity Malfunctions

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 third party issues which were affecting Oxy's ability to push forward its gas, which resulted in several instances of intermittent flaring within a 24-hour period. One of the third-party companies responsible for transporting our gas products is experiencing significant logistical challenges. These disruptions have led to an accumulation of excess gas at our facility. To mitigate the risks associated with overpressure and to ensure the safety of our operations, we have had to resort to controlled flaring. This process allows us to safely burn off the excess gas, thereby preventing potential hazards such as equipment damage, leaks, or even explosions. While flaring is not our preferred method of handling excess gas, it is a necessary step under these exceptional circumstances to maintain the integrity and safety of our operations. This event is out of OXY's control. OXY made every effort to control and minimize emissions as much as possible. The duration and volume of this flaring event is a combination of multiple intermittent flaring instances within a 24-hour period.

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

This facility is unmanned, except when Oxy production techs are gathering data daily or conducting daily walk-throughs to ensure that there are no problems, circumstances and/or assist other personnel on-site for maintenance purposes. 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. Internal OXY procedures ensure that upon gas compressor unit and/or multiple unit shutdown, production techs are promptly notified and are instructed to assess the issue as soon as possible in order to take prompt corrective action and minimize emissions. Oxy production techs must assess whether compressor unit shutdown is due to damage and repair is needed, or whether there are other reasons for its cause. The flare at this facility has a 98% combustion efficiency to lessen emissions as much as possible. In this case, there were third party issues which were affecting Oxy's ability to push forward its gas, which resulted in several instances of intermittent flaring within a 24-hour period. One of the third-party downstream companies responsible for transporting our gas products is experiencing significant logistical challenges. These disruptions have led to an accumulation of excess gas at our facility. To mitigate the risks associated with overpressure and to ensure the safety of our operations, we have had to resort to controlled flaring. This process allows us to safely burn off the excess gas, thereby preventing potential hazards such as equipment damage, leaks, or even explosions. While flaring is not our preferred method

of handling excess gas, it is a necessary step under these exceptional circumstances to maintain the integrity and safety of our operations. As soon as flaring began in each intermittent instance, the well optimizer adjusted injection rates and shut in several wells to minimize emissions and cease flaring.

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

Oxy cannot take any corrective actions to eliminate the cause and potential reoccurrence of an Enterprise and/or ETC gas flow pipeline restriction or shut-in, as this control issue is downstream of Oxy's custody transfer point and out of Oxy's control to avoid, prevent from happening or reoccurring. Enterprise's facilities and associated facilities and/or secondary pipeline operators, such as ETC., may have operational issues which will reoccur from time to time and may trigger a spike in their gas line pressure, which in turn, directly impacts Oxy's ability to send gas to them. When Enterprise or ETC has downstream activity issues or greatly struggles to handle the volume of gas being sent to them by Oxy, Enterprise and/or ETC then restricts Oxy's ability to send gas, which then prompts Oxy to route all of its stranded gas not pushed into their gas pipelines, to flare. OXY makes every effort to control and minimize emissions as much as possible. The only actions that Oxy can take and handle that is within its control, is to keep continually communicate with Enterprise and/or ETC personnel during these types of situations.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 455905
	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 455905

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 455905
	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	**[fAPP2126563666] SALT FLAT CTB**

Determination of Reporting Requirements	
Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide addional 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	No
Is this considered a submission for a vent or flare event	**Yes, minor 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	Other (Specify)
Additional details for Equipment Involved. Please specify	Emergency Flare > Downstream Activity > Enterprise > Process Intake Capacity Malfunctions

Representative Compositional Analysis of Vented or Flared Natural Gas	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	75
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	3
Oxygen (02) 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 (02) percentage quality requirement	*Not answered.*

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QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 455905
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/12/2025
Time vent or flare was discovered or commenced	09:27 AM
Time vent or flare was terminated	04:38 PM
Cumulative hours during this event	7

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: 190 Mcf | Recovered: 0 Mcf | Lost: 190 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	Yes
Was notification of downstream activity received by this operator	No
Downstream OGRID that should have notified this operator	[713731] Enterprise Crude Pipeline 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	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 third party issues which were affecting Oxy's ability to push forward its gas, which resulted in several instances of intermittent flaring within a 24-hour period. One of the third-party companies responsible for transporting our gas products is experiencing significant logistical challenges. These disruptions have led to an accumulation of excess gas at our facility. To mitigate the risks associated with overpressure and to ensure the safety of our operations, we have had to resort to controlled flaring. This process allows us to safely burn off the excess gas, thereby preventing potential hazards such as equipment damage, leaks, or even explosions. While flaring is not our preferred method of handling excess gas, it is a necessary step under these exceptional circumstances to maintain the integrity and safety of our operations. This event is out of OXY's control. OXY made every effort to control and minimize emissions as much as possible. The duration and volume of this flaring event is a combination of multiple intermittent flaring instances within a 24-hour period.
	This facility is unmanned, except when Oxy production techs are gathering data daily or conducting daily walkthroughs to ensure that there are no problems, circumstances and/or

Steps taken to limit the duration and magnitude of vent or flare	assist other personnel on-site for maintenance purposes. 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. Internal OXY procedures ensure that upon gas compressor unit and/or multiple unit shutdown, production techs are promptly notified and are instructed to assess the issue as soon as possible in order to take prompt corrective action and minimize emissions. Oxy production techs must assess whether compressor unit shutdown is due to damage and repair is needed, or whether there are other reasons for its cause. The flare at this facility has a 98% combustion efficiency to lessen emissions as much as possible. In this case, there were third party issues which were affecting Oxy's ability to push forward its gas, which resulted in several instances of intermittent flaring within a 24-hour period. One of the third-party downstream companies responsible for transporting our gas products is experiencing significant logistical challenges. These disruptions have led to an accumulation of excess gas at our facility. To mitigate the risks associated with overpressure and to ensure the safety of our operations, we have had to resort to controlled flaring. This process allows us to safely burn off the excess gas, thereby preventing potential hazards such as equipment damage, leaks, or even explosions. While flaring is not our preferred method Page 2 of 2 5 Greenway Plaza, Suite 110, Houston, TX 77046 oxy.com of handling excess gas, it is a necessary step under these exceptional circumstances to maintain the integrity and safety of our operations. As soon as
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Oxy cannot take any corrective actions to eliminate the cause and potential reoccurrence of an Enterprise and/or ETC gas flow pipeline restriction or shut-in, as this control issue is downstream of Oxy's custody transfer point and out of Oxy's control to avoid, prevent from happening or reoccurring. Enterprise's facilities and associated facilities and/or secondary pipeline operators, such as ETC., may have operational issues which will reoccur from time to time and may trigger a spike in their gas line pressure, which in turn, directly impacts Oxy's ability to send gas to them. When Enterprise or ETC has downstream activity issues or greatly struggles to handle the volume of gas being sent to them by Oxy, Enterprise and/or ETC then restricts Oxy's ability to send gas, which then prompts Oxy to route all of its stranded gas not pushed into their gas pipelines, to flare. OXY makes every effort to control and minimize emissions as much as possible. The only actions that Oxy can take and handle that is within its control, is to keep continually communicate with Enterprise and/or ETC personnel during these types of situations.

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ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 455905
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit a *Venting and/or Flaring* (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

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 455905
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
shelbyschoepf	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.	4/25/2025