



Certificate of Analysis

Number: 6030-24120641-001A

Artesia Laboratory

200 E Main St.

Artesia, NM 88210

Phone 575-746-3481

Chandler Montgomery
Occidental Petroleum
1502 W Commerce Dr.
Carlsbad, NM 88220

Field: PERMIAN_RESOURCES
Station Name: East Compressor Station Inlet A
Station Number: 57551
Station Location: OP-L2128
Sample Point: Meter
Property ID: FMP/LSE N/A
Formation: NEW_MEXICO
County:
Well Name: Comp Station
Type of Sample: Spot-Cylinder
Heat Trace Used: N/A
Sampling Method: Fill and Purge
Sampling Company: SPL
Last Inst. Cal.: 12/30/2024 08:43:57
Analyzed: 01/03/2025 10:42:21 by CDW

Report Date: 01/03/2025
Sampled By: Raul Salazar
Sample Of: Gas
Sample Type: Spot
Sample Date: 12/28/2024 07:53
Sample Conditions: 67.93 psig, @ 55.77 °F Ambient: 41 °F
Received Date: 12/30/2024
Login Date: 12/30/2024
Effective Date: 12/28/2024 07:53
Flow Rate: 4263.719 SCFD
Sampling Method:
Heating Method:
Method: GPA-2261M
Cylinder No: 5030-03832
Instrument: 70104251 (Inficon GC-MicroFusion)

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.65 psia	
Hydrogen Sulfide	0.0000	0.0000	0.0000		GPM TOTAL C2+
Nitrogen	1.7848	1.7639	2.2753		GPM TOTAL C3+
Methane	76.7340	75.8358	56.0195		GPM TOTAL iC5+
Carbon Dioxide	1.7554	1.7349	3.5157		
Ethane	11.6022	11.4664	15.8759	3.060	
Propane	5.5577	5.4927	11.1526	1.510	
Iso-butane	0.7444	0.7357	1.9690	0.240	
n-Butane	1.7712	1.7505	4.6849	0.551	
Iso-pentane	0.3713	0.3670	1.2192	0.134	
n-Pentane	0.3893	0.3847	1.2780	0.139	
Hexanes Plus	0.4739	0.4684	2.0099	0.204	
	101.1842	100.0000	100.0000	5.838	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7523	3.2176
Calculated Molecular Weight	21.72	93.19
Compressibility Factor	0.9963	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	1243	5113
Water Sat. Gas Base BTU	1222	5024
Ideal, Gross HV - Dry at 14.65 psia	1238.3	5113.2
Ideal, Gross HV - Wet	1216.7	5023.7
Net BTU Dry Gas - real gas	1128	
Net BTU Wet Gas - real gas	1109	

Comments: H2S Field Content: 0 ppm

Mostaq Ahmmed

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

**UPSET VENTING EVENT SPECIFIC JUSTIFICATIONS FORM****Facility Id#** fAPP2514643463**Operator:** OXY USA, Inc.**Facility:** Cedar Canyon Central Compressor Station**Vent Date:** 04/09/2025**Duration of Event:** 3 Hours 20 Minutes**MCF Vented:** 260**Start Time:** 10:30 AM**End Time:** 01:50 PM**Cause:** Emergency Flare > Equipment Malfunction > Compression Equipment > Pressure Relief Valve**Method of Vented Gas Measurement:** Allocated Calculation

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 or prevented by good design, operation, and preventative maintenance practices. Internal OXY procedures ensure that upon air compressor unit and/or multiple unit shutdown, due to malfunction and/or alarms, 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. In this instance, the venting event was documented during an internal flyover. It was attributed to a malfunction in a compressor unit, specifically involving a pressure relief valve. The issue was fully resolved upon the arrival of a compressor mechanic who replaced the faulty valve. This event could not have been foreseen, avoided or planned for as compression operating equipment design and operations are inherently dynamic and even the smallest alarms, false or true, can be sudden, reasonably unforeseeable and unexpected. The occurrence of this event was beyond OXY's control. OXY took all possible measures to manage and reduce emissions to the greatest extent.

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 all stranded gas to a flare rather than vent 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 equipment or operational malfunctions. In this instance, the venting event was documented during an internal flyover. It was attributed to a malfunction in a compressor unit, specifically involving a pressure relief valve. The issue was fully resolved upon the arrival of a compressor mechanic who replaced the faulty valve. While venting is not OXY's primary approach for addressing or rectifying malfunctions, it was essential to maintain operational and equipment safety until the issue could be resolved expeditiously. The occurrence of this event was beyond OXY's control. OXY took all possible measures to manage and reduce emissions to the greatest extent.

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 this type of equipment malfunction as notwithstanding compression operating equipment design and operations, they are inherently dynamic and even the smallest alarms, false or true, can be sudden, reasonably unforeseeable and unexpected. This event is out of OXY's control yet, OXY made every effort to control and minimize emissions as much as possible. 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
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

Action 467101

DEFINITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 467101
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

<p>For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:</p> <ul style="list-style-type: none">• 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 467101

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 467101
	Action Type: [C-129] Venting and/or Flaring (C-129)

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 Well	Unavailable.
Incident Facility	[fAPP2514643463] Cedar Canyon Central Compressor Station

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 > Compression Equipment > Pressure Relief Valve

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	0
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	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 467101

QUESTIONS (continued)

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	Action Number: 467101
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/09/2025
Time vent or flare was discovered or commenced	10:30 AM
Time vent or flare was terminated	01:50 PM
Cumulative hours during this event	3

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Other Other (Specify) Natural Gas Vented Released: 260 Mcf Recovered: 0 Mcf Lost: 260 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Allocated Calculation
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	<p>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 or prevented by good design, operation, and preventative maintenance practices. Internal OXY procedures ensure that upon air compressor unit and/or multiple unit shutdown, due to malfunction and/or alarms, 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. In this instance, the venting event was documented during an internal flyover. It was attributed to a malfunction in a compressor unit, specifically involving a pressure relief valve. The issue was fully resolved upon the arrival of a compressor mechanic who replaced the faulty valve. This event could not have been foreseen, avoided or planned for as compression operating equipment design and operations are inherently dynamic and even the smallest alarms, false or true, can be sudden, reasonably unforeseeable and unexpected. The occurrence of this event was beyond OXY's control. OXY took all possible measures to manage and reduce emissions to the greatest extent.</p> <p>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 all stranded gas to a flare rather than vent during an unforeseen and unavoidable emergency or malfunction, that is beyond Oxy's control to avoid, prevent or foresee, to minimize emissions</p>

Steps taken to limit the duration and magnitude of vent or flare	as much as possible as part of the overall steps taken to limit duration and magnitude of equipment or operational malfunctions. In this instance, the venting event was documented during an internal flyover. It was attributed to a malfunction in a compressor unit, specifically involving a pressure relief valve. The issue was fully resolved upon the arrival of a compressor mechanic who replaced the faulty valve. While venting is not OXY's primary approach for addressing or rectifying malfunctions, it was essential to maintain operational and equipment safety until the issue could be resolved expeditiously. The occurrence of this event was beyond OXY's control. OXY took all possible measures to manage and reduce emissions to the greatest extent.
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 this type of equipment malfunction as notwithstanding compression operating equipment design and operations, they ae inherently dynamic and even the smallest alarms, false or true, can be sudden, reasonably unforeseeable and unexpected. This event is out of OXY's control yet, OXY made every effort to control and minimize emissions as much as possible. 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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	Action Number: 467101
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ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<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

Action 467101

CONDITIONS

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	Action Number: 467101
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
marialuna2	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.	5/26/2025