



Certificate of Analysis

Number: 6030-24040534-001A

Artesia Laboratory

200 E Main St.

Artesia, NM 88210

Phone 575-746-3481

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

Apr. 29, 2024

Field:	PERMIAN_RESOURCES	Sampled By:	JE
Station Name:	Mesa Verde CTB Check 2 (FMP)	Sample Of:	FS Separator Gas
Station Number:	15500D	Sample Date:	04/18/2024 10:20
Station Location:	OP-L2109-BT001	Sample Conditions:	84 psig, @ 76 °F Ambient: 75 °F
Sample Point:	Meter	Effective Date:	04/18/2024 10:20
Property ID:	FMP/LSE NMNM055953	Flow Rate:	46210 MSCFD
Formation:	NEW_MEXICO	Method:	GPA-2261M
County:		Cylinder No:	9999-005157
Well Name:	CTB	Instrument:	70104251 (Inficon GC-MicroFusion)
Type of Sample:	Spot-Cylinder	Last Inst. Cal.:	04/22/2024 0:00 AM
Heat Trace Used:	N/A	Analyzed:	04/25/2024 07:17:05 by EBH
Sampling Method:	Fill and Purge	Sampling Company:	OXY

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.65 psia
Hydrogen Sulfide	0.0000	0.0000	0.0000	
Nitrogen	1.6661	1.6670	2.0766	
Carbon Dioxide	3.8369	3.8389	7.5130	
Methane	73.8729	73.9124	52.7288	
Ethane	10.8777	10.8835	14.5528	2.905
Propane	5.6687	5.6717	11.1216	1.560
Iso-Butane	0.7402	0.7406	1.9142	0.242
n-Butane	1.7965	1.7975	4.6459	0.566
Iso-Pentane	0.4287	0.4289	1.3761	0.157
n-Pentane	0.4689	0.4692	1.5054	0.170
Hexanes	0.2789	0.2790	1.0692	0.115
Heptanes	0.1860	0.1861	0.8292	0.086
Octanes	0.0752	0.0752	0.3820	0.038
Nonanes Plus	0.0500	0.0500	0.2852	0.028
	99.9467	100.0000	100.0000	5.867

Calculated Physical Properties	Total	C9+
Calculated Molecular Weight	22.49	128.26
Compressibility Factor	0.9962	
Relative Density Real Gas	0.7791	4.4283

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.65 psia & 60°F

Real Gas Dry BTU	1233.1	6974.4
Water Sat. Gas Base BTU	1212.0	6852.4
Ideal, Gross HV - Dry at 14.65 psia	1228.4	6974.4
Ideal, Gross HV - Wet	1206.9	6852.4

Comments: H2S Field Content 0 ppm
WO# N/A

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.



UPSET FLARING EVENT SPECIFIC JUSTIFICATIONS FORM

Facility Id# fAPP2126659618

Operator: OXY USA, Inc.

Facility: Mesa Verde 18 CTB

Flare Date: 12/04/2025

Duration of Event: 10 Minutes

MCF Flared: 94

Start Time: 04:43 PM

End Time: 09:40 PM

Cause: Emergency Flare > Third Party Downstream Activity > Enlink > Rico Station > Flowmeter Battery Power Loss & Compression Equipment Issues

Method of Flared Gas Measurement: Gas Flare Meter

1. Reason why this event was beyond Operator's control:

The emissions event was caused by the unforeseen, unexpected, sudden, and unavoidable interruption, restriction or complete shut-in of a gas pipeline by a third-party pipeline compressor station operator, which impacted OXY's ability to send gas to them. This interruption, restriction or complete shut-in of the gas pipeline by a third-party pipeline compression station operator is downstream of OXY's custody transfer point and out of OXY's control to foresee, avoid or prevent from happening and did not stem from any of OXY's upstream facility activity that could have been foreseen and avoided, and could not have been avoided by good design, operation, and preventative maintenance practices. In this case, upon the initiation of flaring, the OXY PT Technician on-site promptly verified that OXY's equipment and processes were not the cause of flaring. OXY PT then contacted OXY control room to contact ENLINK personnel to determine cause. ENLINK control room personnel informed OXY that their flowmeter, which controls the slam valve connected to OXY, was experiencing battery power issues, which had also affected their compression equipment at their Rico station. Consequently, ENLINK's flowmeter was unable to consistently supply the necessary signals or power for proper slam valve operation. This resulted in irregular slam valve shut-in events and periodic flaring whenever the valve closed, which also affected their compression equipment at the Rico station facility. These circumstances led to multiple instances of shut-ins that were outside OXY's control. ENLINK indicated that these issues could potentially persist until they could dispatch an instrumentation and electrical technician to troubleshoot and resolve their flowmeter's battery power problem. While flaring is not OXY's preferred solution for managing surplus gas generated by third-party downstream operator challenges, it is employed as a critical safety measure. This process allows us to control facility overpressure, safely combust excess gas, and mitigate potential risks including equipment damage, leaks, or explosions, thereby ensuring the protection of our operations, equipment, and field personnel. OXY's operations and facility equipment were operating normally and at full capacity before this event occurred, which was attributed to Enlink's equipment operational issues. 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:

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 a safety measure and 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, upon the initiation of flaring, the OXY PT Technician on-site promptly verified that OXY's equipment and processes were not the cause of flaring. OXY PT then contacted OXY control room to contact ENLINK personnel to determine cause. ENLINK control room personnel informed OXY that their flowmeter, which controls the slam valve connected to OXY, was experiencing battery power issues, which had also affected their compression equipment at their Rico station. Consequently, ENLINK's flowmeter was unable to consistently supply the necessary signals or power for proper

slam valve operation. This resulted in irregular slam valve shut-in events and periodic flaring whenever the valve closed, which also affected their compression equipment at the Rico station facility. These circumstances led to multiple instances of shut-ins that were outside OXY's control. ENLINK indicated that these issues could potentially persist until they could dispatch an instrumentation and electrical technician to troubleshoot and resolve their flowmeter's battery power problem. OXY's field and operations teams continuously monitor facility performance for any deviations from standard operating parameters, and upon each instance of flaring, OXY field personnel promptly implemented procedures to divert gas to available storage wells and reduced output from several wells by shutting in high GOR wells, thereby ensuring that field pressure remained below the facility's established flare trigger setpoints to terminate each instance of intermittent flaring. While flaring is not OXY's preferred solution for managing surplus gas generated by third-party downstream operator challenges, it is employed as a critical safety measure. This process allows us to control facility overpressure, safely combust excess gas, and mitigate potential risks including equipment damage, leaks, or explosions, thereby ensuring the protection of our operations, equipment, and field personnel. OXY's operations and facility equipment were operating normally and at full capacity before this circumstance occurred, which was attributed to Enlink's equipment operational issues. 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 not able to implement corrective measures to address the cause or prevent a potential recurrence of issues related to equipment or operations that are owned and managed by third parties downstream of the custody transfer point. Such matters fall outside OXY's scope of control and cannot be anticipated, avoided, or prevented by OXY. ENLINK may experience recurring operational challenges that can result in sudden and unexpected increased gas line pressure, which in turn, directly impacts OXY's ability to deliver its gas to ENLINK and may necessitate diverting excess or stranded gas to flaring operations in order to maintain the safety of personnel, equipment, and overall operations in the field. The only action that OXY can take and handle that is within its control, is to continually attempt to communicate with ENLINK personnel, when possible, during these types of circumstances. OXY is dedicated to minimizing emissions wherever feasible and strives to maintain effective communication with both downstream and midstream operators, when practical, to address such issues promptly and efficiently.

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 535514

DEFINITIONS

Operator:	OGRID: 16696
OXY USA INC P.O. Box 4294 Houston, TX 772104294	Action Number: 535514
	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 535514

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 535514
	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	[FAPP2126659618] MESA VERDE 18 CTB

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	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 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 > Third Party Downstream Activity > Enlink > Rico Station > Flowmeter Battery Power Loss & Compression Equipment Issues

Representative Compositional Analysis of Vented or Flared Natural Gas

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	74
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	4
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 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 535514

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 535514
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	12/04/2025
Time vent or flare was discovered or commenced	04:43 PM
Time vent or flare was terminated	09:40 PM
Cumulative hours during this event	5

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	<i>Not answered.</i>
Natural Gas Flared (Mcf) Details	Cause: Other Other (Specify) Natural Gas Flared Released: 94 Mcf Recovered: 0 Mcf Lost: 94 Mcf.
Other Released Details	<i>Not answered.</i>
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	[329302] EnLink Delaware Crude Pipeline, LLC
Date notified of downstream activity requiring this vent or flare	<i>Not answered.</i>
Time notified of downstream activity requiring this vent or flare	<i>Not answered.</i>

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	The emissions event was caused by the unforeseen, unexpected, sudden, and unavoidable interruption, restriction or complete shut-in of a gas pipeline by a third-party pipeline compressor station operator, which impacted OXY's ability to send gas to them. This interruption, restriction or complete shut-in of the gas pipeline by a third-party pipeline compression station operator is downstream of OXY's custody transfer point and out of OXY's control to foresee, avoid or prevent from happening and did not stem from any of OXY's upstream facility activity that could have been foreseen and avoided, and could not have been avoided by good design, operation, and preventative maintenance practices. In this case, upon the initiation of flaring, the OXY PT Technician on-site promptly verified that OXY's equipment and processes were not the cause of flaring. OXY PT then contacted OXY control room to contact ENLINK personnel to determine cause. ENLINK control room personnel informed OXY that their flowmeter, which controls the slam valve connected to OXY, was experiencing battery power issues, which had also affected their compression equipment at their Rico station. Consequently, ENLINK's flowmeter was unable to consistently supply the necessary signals or power for proper slam valve operation. This resulted in irregular slam valve shut-in events and periodic flaring whenever the valve closed, which also affected their compression equipment at the Rico station facility. These circumstances led to multiple instances of shut-ins that were outside OXY's control. ENLINK indicated that these issues could potentially persist until they could dispatch an instrumentation and electrical technician to troubleshoot and resolve their flowmeter's battery power problem. While flaring is not OXY's preferred solution for managing surplus gas generated by third-party downstream

Steps taken to limit the duration and magnitude of vent or flare	<p>operator challenges, it is employed as a critical safety measure.</p> <p>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 a safety measure and 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, upon the initiation of flaring, the OXY PT Technician on-site promptly verified that OXY's equipment and processes were not the cause of flaring. OXY PT then contacted OXY control room to contact ENLINK personnel to determine cause. ENLINK control room personnel informed OXY that their flowmeter, which controls the slam valve connected to OXY, was experiencing battery power issues, which had also affected their compression equipment at their Rico station. Consequently, ENLINK's flowmeter was unable to consistently supply the necessary signals or power for proper slam valve operation. This resulted in irregular slam valve shut-in events and periodic flaring whenever the valve closed, which also affected their compression equipment at the Rico station facility. These circumstances led to multiple instances of shutdowns that were outside OXY's control. ENLINK indicated that these issues could potentially persist until they could dispatch an instrumentation and electrical technician to troubleshoot and resolve their flowmeter's battery power problem. OXY's field and operations teams continuously monitor facility performance for any deviations from standard operating parameters, and upon each instance of flaring, OXY field personnel promptly implemented procedures to divert gas to available storage wells and reduced output from several wells by shutting in high GOR wells, thereby ensuring that field pressure remained below the facility's established flare trigger setpoints to terminate each instance of intermittent flaring.</p>
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	<p>OXY is not able to implement corrective measures to address the cause or prevent a potential recurrence of issues related to equipment or operations that are owned and managed by third parties downstream of the custody transfer point. Such matters fall outside OXY's scope of control and cannot be anticipated, avoided, or prevented by OXY. ENLINK may experience recurring operational challenges that can result in sudden and unexpected increased gas line pressure, which in turn, directly impacts OXY's ability to deliver its gas to ENLINK and may necessitate diverting excess or stranded gas to flaring operations in order to maintain the safety of personnel, equipment, and overall operations in the field. The only action that OXY can take and handle that is within its control, is to continually attempt to communicate with ENLINK personnel, when possible, during these types of circumstances. OXY is dedicated to minimizing emissions wherever feasible and strives to maintain effective communication with both downstream and midstream operators, when practical, to address such issues promptly and efficiently.</p>

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ACKNOWLEDGMENTS

Action 535514

ACKNOWLEDGMENTS

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	Action Number: 535514
	Action Type: [C-129] Venting and/or Flaring (C-129)

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 535514

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 535514
	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.	12/19/2025