



Certificate of Analysis

Number: 6030-25091451-001A

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	Report Date:	09/29/2025
Station Name:	MESA VERDE CTB CHECK (FMP) -- Meter	Sampled By:	JE
Station Number:	15500C	Sample Of:	Gas
Station Location:	OP-L2109-BT001	Sample Type:	Spot
Sample Point:	Meter	Sample Conditions:	103 psig, @ 76 °F Ambient: 82 °F
Property ID:	FMP/LSE NMNM137096X	Sample Date:	09/23/2025 09:00
Formation:	NEW_MEXICO	Received Date:	09/24/2025
County:		Login Date:	09/24/2025
Well Name:	CTB	Effective Date:	09/01/2025
Type of Sample :	Spot-Cylinder	Flow Rate:	28980 MSCFD
Sampling Company:	:SPL - OXY	Sampling Method:	Purge/Fill
Instrument:	70142339 (Inficon GC-MicroFusion)	Heating Method:	Yes
Last Inst. Cal.:	09/22/2025 0:00 AM	Method:	GPA 2286
Analyzed:	09/26/2025 08:47:06 by CDW	Cylinder No:	9999-005115

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	1.4326	1.4228	1.8095		5.788
Carbon Dioxide	2.4798	2.4629	4.9208		
Methane	76.3993	75.8775	55.2620		
Ethane	10.9653	10.8904	14.8664	2.907	
Propane	5.2175	5.1819	10.3735	1.425	
Iso-Butane	0.7629	0.7577	1.9993	0.247	
n-Butane	1.8099	1.7975	4.7430	0.566	
Iso-Pentane	0.4434	0.4404	1.4425	0.161	
n-Pentane	0.4977	0.4943	1.6191	0.179	
Hexanes	0.3081	0.3060	1.1971	0.126	
Heptanes	0.2486	0.2469	1.1232	0.114	
Octanes	0.1028	0.1021	0.5295	0.052	
Nonanes Plus	0.0197	0.0196	0.1141	0.011	
	<u>100.6876</u>	<u>100.0000</u>	<u>100.0000</u>	<u>5.788</u>	

Calculated Physical Properties	Total	C9+
Calculated Molecular Weight	22.03	128.26
Compressibility Factor	0.9962	
Relative Density Real Gas	0.7631	4.4283
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	1246.9	6974.4
Water Sat. Gas Base BTU	1225.6	6852.4
Ideal, Gross HV - Dry	1242.2	6948.0
Ideal, Gross HV - Wet	1220.4	6823.6

Comments: H2S Field Content: 0 %

Mostaq Ahamed

 Petroleum Chemist

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 FLARING EVENT SPECIFIC JUSTIFICATIONS FORM

Facility Id# fAPP2126659618

Operator: OXY USA, Inc.

Facility: Mesa Verde 18 CTB

Flare Date: 03/10/2026

Duration of Event: 3 Hours 40 Minutes

MCF Flared: 553

Start Time: 07:20 PM

End Time: 11:00 PM

Cause: Emergency Flare > Third Party Downstream Activity > Enlink > Lobo Plant > Planned Event > Maintenance and Expansion Work > Unexpected Extended Duration & Operational Issues

Method of Flared Gas Measurement: Gas Flare Meter

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

In this case, a flaring event occurred due to unexpected developments during scheduled maintenance work performed by Enlink, a third-party downstream operator. OXY had implemented operational adjustments aimed at minimizing the risk of flaring; however, Enlink's maintenance period lasted several days longer than originally anticipated and communicated to OXY. Following OXY's adjustment to increase its sales gas flow rate in response to Enlink's guidance, Enlink subsequently experienced additional operational difficulties that led to an unexpected decrease in their sales gas intake rate. This intake rate reduction led to backed up gas accumulation and ultimately resulted in flaring to occur. Although OXY does not favor flaring as a method to handle excess gas resulting from operational problems with third-party downstream operators, 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 before flaring was unexpectedly triggered. This flaring event transpired outside of OXY's sphere of influence. OXY implemented comprehensive gas storage strategies to control and minimize emissions as effectively as possible.

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

It is OXY's policy is to direct stranded gas to a flare during unforeseen and unavoidable emergencies or malfunctions that are beyond its sphere of influence to prevent, avoid, or anticipate, in order to minimize emissions. This approach forms part of OXY's broader measures to limit both the duration and magnitude of unexpected flaring events. The flare at this facility has 98% combustion efficiency to lessen emissions as much as possible. In this case, a flaring event occurred due to unexpected developments during scheduled maintenance work performed by Enlink, a third-party downstream operator. OXY had implemented operational adjustments aimed at minimizing the risk of flaring; however, Enlink's maintenance period lasted several days longer than originally anticipated and communicated to OXY. Following OXY's adjustment to increase its sales gas flow rate in response to Enlink's guidance, Enlink subsequently experienced additional operational difficulties that led to an unexpected decrease in their intake rate. This intake rate reduction led to backed up gas accumulation and ultimately resulted in flaring to occur. OXY's field and operations teams continuously monitor facility performance for any deviations from standard operating parameters, and upon initiation of flaring, OXY field personnel promptly implemented procedures to divert stranded gas to available storage wells and reduced output from several wells, ensuring that field pressure remained below the facility's established flare trigger setpoints to terminate the flaring event. Although OXY does not favor flaring as a method to handle excess gas resulting from third-party downstream operators' operational problems, 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 before flaring was unexpectedly

triggered. This flaring event transpired outside of OXY's sphere of influence. OXY implemented comprehensive gas storage strategies to control and minimize emissions as effectively as possible.

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

OXY cannot implement or take corrective measures to address the root cause or prevent future occurrences of gas flow restrictions, shut-ins, or suspensions by third-party downstream operators within their offload sales gas pipeline. These situations occur beyond OXY's custody transfer point and are outside of the company's sphere of influence. Operational challenges experienced by Enlink may impact on its ability to manage sales gas flow volumes from OXY, which in turn could restrict OXY's capacity for continued sales gas transmission. In such circumstances, it is necessary to flare excess gas for safety when sales gas line pressures reach hazardous levels, a situation that may affect OXY's operations, equipment, and field personnel. OXY remains committed to reducing emissions wherever possible and seeks to maintain clear and effective communication with downstream and midstream operators, as appropriate, to resolve these matters 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 566887

DEFINITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 566887
	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 566887

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 566887
	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	[fAPP2126659618] MESA VERDE 18 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, 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

Equipment Involved	
Primary Equipment Involved	Other (Specify)
Additional details for Equipment Involved. Please specify	Emergency Flare > Third Party Downstream Activity > Enlink > Lobo Plant > Planned Event > Maintenance and Expansion Work > Unexpected Extended Duration & Operational 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	1
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 566887

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 566887
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	03/10/2026
Time vent or flare was discovered or commenced	07:20 PM
Time vent or flare was terminated	11:00 PM
Cumulative hours during this event	4

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: Midstream Scheduled Maintenance Unknown Natural Gas Flared Released: 553 Mcf Recovered: 0 Mcf Lost: 553 Mcf.
Other Released Details	<i>Not answered.</i>
Additional details for Measured or Estimated Volume(s). Please specify	Gas Flow 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	Yes
Downstream OGRID that should have notified this operator	[320009] ENLINK MIDSTREAM OPERATING, LP
Date notified of downstream activity requiring this vent or flare	02/23/2026
Time notified of downstream activity requiring this vent or flare	10:39 AM

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	In this case, a flaring event occurred due to unexpected developments during scheduled maintenance work performed by Enlink, a third-party downstream operator. OXY had implemented operational adjustments aimed at minimizing the risk of flaring; however, Enlink's maintenance period lasted several days longer than originally anticipated and communicated to OXY. Following OXY's adjustment to increase its sales gas flow rate in response to Enlink's guidance, Enlink subsequently experienced additional operational difficulties that led to an unexpected decrease in their sales gas intake rate. This intake rate reduction led to backed up gas accumulation and ultimately resulted in flaring to occur. Although OXY does not favor flaring as a method to handle excess gas resulting from operational problems with third-party downstream operators, 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 before flaring was unexpectedly triggered. This flaring event transpired outside of OXY's sphere of influence. OXY implemented comprehensive gas storage strategies to control and minimize emissions as effectively as possible.
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<p>Steps taken to limit the duration and magnitude of vent or flare</p>	<p>measures to limit both the duration and magnitude of unexpected flaring events. The flare at this facility has 98% combustion efficiency to lessen emissions as much as possible. In this case, a flaring event occurred due to unexpected developments during scheduled maintenance work performed by Enlink, a third-party downstream operator. OXY had implemented operational adjustments aimed at minimizing the risk of flaring; however, Enlink's maintenance period lasted several days longer than originally anticipated and communicated to OXY. Following OXY's adjustment to increase its sales gas flow rate in response to Enlink's guidance, Enlink subsequently experienced additional operational difficulties that led to an unexpected decrease in their intake rate. This intake rate reduction led to backed up gas accumulation and ultimately resulted in flaring to occur. OXY's field and operations teams continuously monitor facility performance for any deviations from standard operating parameters, and upon initiation of flaring, OXY field personnel promptly implemented procedures to divert stranded gas to available storage wells and reduced output from several wells, ensuring that field pressure remained below the facility's established flare trigger setpoints to terminate the flaring event. Although OXY does not favor flaring as a method to handle excess gas resulting from third-party downstream operators' operational problems, it is employed as a critical safety measure.</p>
<p>Corrective actions taken to eliminate the cause and reoccurrence of vent or flare</p>	<p>OXY cannot implement or take corrective measures to address the root cause or prevent future occurrences of gas flow restrictions, shut-ins, or suspensions by third-party downstream operators within their offload sales gas pipeline. These situations occur beyond OXY's custody transfer point and are outside of the company's sphere of influence. Operational challenges experienced by Enlink may impact on its ability to manage sales gas flow volumes from OXY, which in turn could restrict OXY's capacity for continued sales gas transmission. In such circumstances, it is necessary to flare excess gas for safety when sales gas line pressures reach hazardous levels, a situation that may affect OXY's operations, equipment, and field personnel. OXY remains committed to reducing emissions wherever possible and seeks to maintain clear and effective communication with downstream and midstream operators, as appropriate, to resolve these matters promptly and efficiently.</p>

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ACKNOWLEDGMENTS

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

CONDITIONS

Created By	Condition	Condition Date
marialuna2	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.	3/25/2026