



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: 06/03/2026

Duration of Event: 2 Hours 10 Minutes

MCF Flared: 103

Start Time: 10:19 AM

End Time: 12:29 PM

Cause: Emergency Flare > Third Party Downstream Activity > Enlink > Rico Station > 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 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, flaring occurred after Enlink, a third-party downstream operator, experienced another emergency shutdown at its Rico station due to ongoing equipment issues that caused its sales gas intake valves to close, suspending gas intake from OXY and resulting in an unplanned halt in sales gas flow. Enlink did not provide OXY with advance or subsequent notification of the potential gas intake interruption associated with the equipment issues at its Rico station. OXY field and operations personnel continuously monitor facility performance for deviations from normal operating parameters. Upon initiation of flaring, field personnel promptly implemented operational measures to divert gas to available storage wells and reduce production from several wells in order to maintain field pressure below the facility's established flare trigger setpoints and cease flaring. Flaring is implemented as an essential safety protocol to manage excess gas resulting from operational disruptions caused by third-party downstream operators. 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 the flaring event, which was attributed to continuing operational issues at Enlink's Rico station. The event arose due to circumstances outside OXY's control. OXY implemented all feasible measures to manage and minimize emissions as effectively as possible.

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, flaring occurred after Enlink, a third-party downstream operator, experienced another emergency shutdown at its Rico station due to ongoing equipment issues that caused its sales gas intake valves to close, suspending gas intake from OXY and resulting in an unplanned halt in sales gas flow. Enlink did not provide OXY with advance or subsequent notification of the potential gas intake interruption associated with their equipment issues at its Rico station. OXY field and operations personnel continuously monitor facility performance for deviations from normal operating parameters. Upon initiation of flaring, field personnel promptly implemented operational measures to divert gas to available storage wells and reduce production from several wells in order to maintain field pressure below the facility's established flare trigger setpoints and cease flaring. OXY's operations and facility equipment were

operating normally and at full capacity before the flaring event, which was attributed to continuing operational issues at Enlink's Rico station. The event arose due to circumstances outside OXY's control. OXY implemented all feasible measures to manage and minimize emissions as effectively as possible.

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

OXY's ability to implement corrective actions to address or prevent future gas flow restrictions, shut-ins, or suspensions within the third-party downstream operator's offload sales gas pipeline is limited because these conditions occur beyond OXY's custody transfer point and outside its operational control. Enlink operational issues that limit its ability to manage gas volumes received from OXY may, in turn, restrict OXY's ability to maintain sales gas transmission. Under these conditions, excess gas must be flared as a critical safety process when sales gas line pressures reach unsafe levels to protect OXY's operations, equipment, and field personnel. OXY remains committed to minimizing emissions where feasible and maintaining practical communication with downstream and midstream operators to support timely and efficient issue resolution.

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 597324

DEFINITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 597324
	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 597324

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 597324
	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	[fAPP2126659618] MESA VERDE 18 CTB

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 > Third Party Energy Power Provider > Xcel Energy > Transmission Power Outage

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 597324

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 597324
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	06/03/2026
Time vent or flare was discovered or commenced	10:19 AM
Time vent or flare was terminated	12:29 PM
Cumulative hours during this event	2

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 Emergency Maintenance Valve Natural Gas Flared Released: 103 Mcf Recovered: 0 Mcf Lost: 103 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	[320009] ENLINK MIDSTREAM OPERATING, LP
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 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.
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.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	OXY's ability to implement corrective actions to address or prevent future gas flow restrictions, shut-ins, or suspensions within the third-party downstream operator's offload sales gas pipeline is limited because these conditions occur beyond OXY's custody transfer point and outside its operational control.

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ACKNOWLEDGMENTS

Action 597324

ACKNOWLEDGMENTS

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	Action Number: 597324
	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 597324

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 597324
	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.	6/18/2026