Certificate of Analysis

Number: 6030-25040076-001A

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:	04/10/2025
Station Name:	Palladium MDP1 7-6 Federal Com 4H Gas Lift	Sampled By:	Adrian Guzman
Station Number:	17084I	Sample Of:	Gas
Station Location:	OP-L2041-WELLS-WPI-0000001	Sample Type:	Spot
Sample Point:	Well	Sample Conditions:	1123 psig, @ 83 °F Ambient: 87 °F
Property ID:	FMP/LSE N/A	Sample Date:	04/01/2025 14:33
Formation:	NEW_MEXICO	Received Date:	04/03/2025
County:		Login Date:	04/03/2025
Well Name:	Gas Lift	Effective Date:	04/01/2025
Type of Sample: :	Spot-Cylinder	Flow Rate:	800 MSCFD
Sampling Company: :	SPL	Sampling Method:	
Heat Trace Used:	N/A	Heating Method:	
Sampling Method:	Purge and Fill	Method:	GPA-2261M
Last Inst. Cal.:	04/07/2025 07:48:02	Cylinder No:	1111-011242
Analyzed:	04/10/2025 08:32:35 by CDW	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+	6.194
Nitrogen	1.3406	1.3291	1.7254		GPM TOTAL C3+	2.974
Methane	77.3356	76.6730	57.0014		GPM TOTAL iC5+	0.557
Carbon Dioxide	0.1536	0.1523	0.3106			
Ethane	12.1670	12.0628	16.8088	3.220		
Propane	5.7030	5.6541	11.5539	1.555		
Iso-butane	0.8614	0.8540	2.3002	0.279		
n-Butane	1.8701	1.8541	4.9940	0.583		
Iso-pentane	0.4104	0.4069	1.3605	0.149		
n-Pentane	0.4474	0.4436	1.4832	0.160		
Hexanes Plus	0.5750	0.5701	2.4620	0.248		
	100.8641	100.0000	100.0000	6.194		

Calculated Physical Properties	**Total**	**C6+**
Relative Density Real Gas	0.7476	3.2176
Calculated Molecular Weight	21.58	93.19
Compressibility Factor	0.9962	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	1283	5113
Water Sat. Gas Base BTU	1261	5024
Ideal, Gross HV - Dry at 14.65 psia	1277.7	5113.2
Ideal, Gross HV - Wet	1255.3	5023.7
Net BTU Dry Gas - real gas	1164	
Net BTU Wet Gas - real gas	1144	

Comments: H2S Field Content: 0 ppm

Mostafa Ahmadi

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

Well API#: 30-015-44295
Operator: OXY USA, Inc.
Well Name: Palladium MDP 176 Fed Com 4H
Vent Date: 09/11/2025
Duration of Event: 1 Hour
MCF Vented: 59
Start Time: 04:00 PM
End Time: 05:00 PM
Cause: Venting Leak > Scheduled Maintenance > Well Casing Blowdown Post Tubing Integrity Test
Method of Vented Gas Measurement: Allocated Vent Calculation

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

In this instance, venting was conducted as part of a scheduled release associated with a planned well casing blowdown following a tubing integrity test on the Palladium MDP 176 Fed Com 4H. Gas was released through the wellhead, and venting concluded upon completion of the test and realignment of the well valves. Although venting is not Occidental Petroleum's preferred method for resolving equipment concerns, it was necessary to ensure operational and equipment safety until the issue could be promptly addressed. OXY's implemented all feasible measures to minimize emissions during this process.

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

In this instance, venting was conducted as part of a scheduled release associated with a planned well casing blowdown following a tubing integrity test on the Palladium MDP 176 Fed Com 4H. Gas was released through the wellhead, and venting concluded upon completion of the test and realignment of the well valves. Although venting is not Occidental Petroleum's preferred method for resolving equipment concerns, it was necessary to ensure operational and equipment safety until the issue could be promptly addressed. OXY's implemented all feasible measures to minimize emissions during this process.

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

In this instance, venting was conducted as part of a scheduled release associated with a planned well casing blowdown following a tubing integrity test on the Palladium MDP 176 Fed Com 4H. Gas was released through the wellhead, and venting concluded upon completion of the test and realignment of the well valves. Although venting is not Occidental Petroleum's preferred method for resolving equipment concerns, it was necessary to ensure operational and equipment safety until the issue could be promptly addressed. OXY's implemented all feasible measures to minimize emissions during this process.

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: 509824
	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 509824

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 509824
	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	**[30-015-44295] PALLADIUM MDP1 7 6 FEDERAL COM #004H**
Incident Facility	*Unavailable.*

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	No
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	Venting Leak > Scheduled Maintenance > Well Casing Blowdown Post Tubing Integrity Test

Representative Compositional Analysis of Vented or Flared Natural Gas	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	77
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	0
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: 509824
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	09/11/2025
Time vent or flare was discovered or commenced	04:00 PM
Time vent or flare was terminated	05:00 PM
Cumulative hours during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Repair and Maintenance | Well | Natural Gas Vented | Released: 59 Mcf | Recovered: 0 Mcf | Lost: 59 Mcf.
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Additional details for Measured or Estimated Volume(s). Please specify	Allocated Vent 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.	False
Please explain reason for why this event was beyond this operator's control	In this instance, venting was conducted as part of a scheduled release associated with a planned well casing blowdown following a tubing integrity test on the Palladium MDP 176 Fed Com 4H. Gas was released through the wellhead, and venting concluded upon completion of the test and realignment of the well valves. Although venting is not Occidental Petroleum's preferred method for resolving equipment concerns, it was necessary to ensure operational and equipment safety until the issue could be promptly addressed. OXY's implemented all feasible measures to minimize emissions during this process.
Steps taken to limit the duration and magnitude of vent or flare	In this instance, venting was conducted as part of a scheduled release associated with a planned well casing blowdown following a tubing integrity test on the Palladium MDP 176 Fed Com 4H. Gas was released through the wellhead, and venting concluded upon completion of the test and realignment of the well valves. Although venting is not Occidental Petroleum's preferred method for resolving equipment concerns, it was necessary to ensure operational and equipment safety until the issue could be promptly addressed. OXY's implemented all feasible measures to minimize emissions during this process.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	In this instance, venting was conducted as part of a scheduled release associated with a planned well casing blowdown following a tubing integrity test on the Palladium MDP 176 Fed Com 4H. Gas was released through the wellhead, and venting concluded upon completion of the test and realignment of the well valves. Although venting is not Occidental Petroleum's preferred method for resolving equipment concerns, it was necessary to ensure operational and equipment safety until the issue could be promptly addressed. OXY's

	implemented all feasible measures to minimize emissions during this process.

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ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 509824
	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: 509824
	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.	9/26/2025