Certificate of Analysis

Number: 6030-25030363-001A

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:	03/20/2025
Station Name:	Gold CTB Check A	Sampled By:	Adrian Guzman
Station Number:	17200C	Sample Of:	Gas
Station Location:	OP-L2111-BT002	Sample Type:	Spot
Sample Point:	Meter	Sample Conditions:	86 psig, @ 74 °F
Property ID:	FMP/LSE NMNM138937	Sample Date:	03/12/2025 12:06
Formation:	NEW_MEXICO	Received Date:	03/18/2025
County:		Login Date:	03/18/2025
Well Name:	CTB	Effective Date:	03/01/2025
Type of Sample: :	Spot-Cylinder	Flow Rate:	
Sampling Company: :	OXY	Sampling Method:	
Heat Trace Used:	N/A	Heating Method:	
Sampling Method:	Purge and Fill	Method:	GPA-2261M
Last Inst. Cal.:	03/17/2025 06:44:38	Cylinder No:	1111-002616
Analyzed:	03/20/2025 11:44:00 by CDW	Instrument:	70142339 (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+	6.403
Nitrogen	1.8536	1.8560	2.3354		GPM TOTAL C3+	3.202
Methane	74.0560	74.1538	53.4351		GPM TOTAL iC5+	0.588
Carbon Dioxide	1.4470	1.4489	2.8642			
Ethane	11.9744	11.9902	16.1944	3.201		
Propane	6.1248	6.1329	12.1474	1.687		
Iso-butane	0.8553	0.8564	2.2358	0.280		
n-Butane	2.0543	2.0570	5.3703	0.647		
Iso-pentane	0.4551	0.4557	1.4768	0.166		
n-Pentane	0.4764	0.4770	1.5459	0.173		
Hexanes Plus	0.5713	0.5721	2.3947	0.249		
	99.8682	100.0000	100.0000	6.403		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7714	3.2176
Calculated Molecular Weight	22.26	93.19
Compressibility Factor	0.9961	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	1278	5113
Water Sat. Gas Base BTU	1256	5024
Ideal, Gross HV - Dry at 14.65 psia	1273.1	5113.2
Ideal, Gross HV - Wet	1250.8	5023.7
Net BTU Dry Gas - real gas	1161	
Net BTU Wet Gas - real gas	1141	

Comments: H2S Field Content: 0 %

Mostafa Ahmed

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.

Powered By SURECHEM

UPSET VENTING EVENT SPECIFIC JUSTIFICATIONS FORM

API #: 30-025-53815

Operator: OXY USA, Inc.

Well Name: Gold Log 4 9 Federal Com #001H

Vent Date: 04/21/2026

Duration of Event: 6 Minutes

MCF Vented: 52

Start Time: 09:52 AM

End Time: 09:58 AM

Cause: Venting > Well Integrity Test

Method of Vented Gas Measurement: Allocated Vent Calculation

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

In this instance, a scheduled well tubing integrity test was conducted to evaluate the condition of the tubing and verify the safety and reliability of the well, ensuring there were no leaks present. The vented amount was limited because the tube was not fully depressurized to zero, in order to minimize venting.

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

In this instance, a scheduled well tubing integrity test was conducted to evaluate the condition of the tubing and verify the safety and reliability of the well, ensuring there were no leaks present. The vented amount was limited because the tube was not fully depressurized to zero, in order to minimize venting.

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

No corrective actions are needed to prevent venting during a well tubing integrity test, as venting is essential for removing trapped air or gas from the tube. This ensures accurate pressure readings for leak detection, prevents over-pressurizing the tube casing, and allows for safe release of pressure after testing.

.

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: 582703
	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.

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

QUESTIONS

Action 582703

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 582703
	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	**[30-025-53815] GOLD LOG 4 9 FEDERAL COM #001H**
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 > Well 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	74
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	1
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.*

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

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 582703
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/21/2026
Time vent or flare was discovered or commenced	09:52 AM
Time vent or flare was terminated	09:58 AM
Cumulative hours during this event	0

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Normal Operations | Other (Specify) | Natural Gas Vented | Released: 52 Mcf | Recovered: 0 Mcf | Lost: 52 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, a scheduled well tubing integrity test was conducted to evaluate the condition of the tubing and verify the safety and reliability of the well, ensuring there were no leaks present. The vented amount was limited because the tube was not fully depressurized to zero, in order to minimize venting.
Steps taken to limit the duration and magnitude of vent or flare	In this instance, a scheduled well tubing integrity test was conducted to evaluate the condition of the tubing and verify the safety and reliability of the well, ensuring there were no leaks present. The vented amount was limited because the tube was not fully depressurized to zero, in order to minimize venting.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	No corrective actions are needed to prevent venting during a well tubing integrity test, as venting is essential for removing trapped air or gas from the tube. This ensures accurate pressure readings for leak detection, prevents over-pressurizing the tube casing, and allows for safe release of pressure after testing.

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

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 582703
	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.

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

CONDITIONS

Action 582703

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 582703
	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.	5/6/2026