



AKM MEASUREMENT SERVICES,LLC. Natural Gas Analysis Report
GPA 2172-09/API 14.5 Report with GPA 2145-16 Physical Properties

Sample Information	
Sample Name	DIMENSION 6 CGL
Technician	ANTHONY DOMINGUEZ
Analyzer Make & Model	INFICON MICRO GC
Last Calibration/Validation Date	01-18-2024
Meter Number	
Air temperature	38
Flow Rate (MCF/Day)	
Heat Tracing	HEATED HOSE & GASIFIER
Sample description/mtr name	DIMENSION 6 CGL
Sampling Method	FILL & EMPTY
Operator	OCCIDENTAL PETROLEUM, OXY USA INC
State	NEW MEXICO
Region Name	PERMIAN_RESOURCES
Asset	NEW MEXICO
System	EAST OF PECOS
FLOC	OP-L2134-CS001
Sample Sub Type	COMP STATION
Sample Name Type	METER
Vendor	AKM MEASUREMENT
Cylinder #	38581
Sampled by	CHANDLER MONTGOMERY
Sample date	1-19-2024
Analyzed date	1-22-2024
Method Name	C9
Injection Date	2024-01-22 20:16:06
Report Date	2024-01-22 20:17:03
EZReporter Configuration File	1-16-2023 OXY GPA C9+ H2S #2.cfgx
Source Data File	2cda9fd6-5d7f-43c7-b244-5a3fdc4489e4
NGA Phys. Property Data Source	GPA Standard 2145-16 (FPS)
Data Source	INFICON Fusion Connector

Component Results

Component Name	Peak Area	Raw Amount	Response Factor	Norm Mole%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	25800.5	1.4862	0.00005761	1.4897	0.0	0.01441	0.164
Methane	1021658.6	74.2077	0.00007263	74.3776	753.0	0.41198	12.654
CO2	13186.3	0.6259	0.00004747	0.6274	0.0	0.00953	0.107
Ethane	286251.6	13.1454	0.00004592	13.1755	233.7	0.13679	3.536
H2S	0.0	0.0000	0.00000000	0.0000	0.0	0.00000	0.000
Propane	204832.8	6.6961	0.00003269	6.7114	169.3	0.10218	1.856
iso-butane	74517.0	0.8250	0.00001107	0.8269	27.0	0.01659	0.272
n-Butane	173627.2	1.9102	0.00001100	1.9146	62.6	0.03842	0.606
iso-pentane	33028.7	0.3229	0.00000978	0.3237	13.0	0.00806	0.119
n-Pentane	35154.9	0.3299	0.00000938	0.3306	13.3	0.00824	0.120
hexanes	14904.0	0.1464	0.00000982	0.1467	7.0	0.00436	0.061
heptanes	9520.0	0.0566	0.00000595	0.0567	3.1	0.00196	0.026
octanes	3504.0	0.0182	0.00000519	0.0182	1.1	0.00072	0.009
nonanes+	410.0	0.0010	0.00000253	0.0010	0.1	0.00004	0.001
Total:		99.7716		100.0000	1283.1	0.75329	19.531

Results Summary

Result	Dry	Sat.
Total Un-Normalized Mole%	99.7716	
Pressure Base (psia)	14.730	
Temperature Base (Deg. F)	60.00	
	0.0	

Result	Dry	Sat.
Flowing Pressure (psia)	102.2	
Gross Heating Value (BTU / Ideal cu.ft.)	1283.1	1260.7
Gross Heating Value (BTU / Real cu.ft.)	1288.0	1266.1
Relative Density (G), Real	0.7559	0.7539

Monitored Parameter Report

Parameter	Value	Lower Limit	Upper Limit	Status
Total un-normalized amount	99.7716	97.0000	103.0000	Pass



UPSET VENTING EVENT SPECIFIC JUSTIFICATIONS FORM

API #: 30-015-47247

Operator: OXY USA, Inc.

Well Name: Jeff Smith MDPI 7 18 Federal Com 173H

Vent Date: 04/08/2026

Duration of Event: 15 Minutes

MCF Vented: 52

Start Time: 01:55 PM

End Time: 02:10 PM

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

Action 579035

DEFINITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 579035
	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 579035

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 579035
	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	[30-015-47247] JEFF SMITH MDP1 7 18 FEDERAL COM #173H
Incident Facility	Unavailable.

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	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.
<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	Venting > Well Integrity Test

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	74
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	1
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 579035

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/08/2026
Time vent or flare was discovered or commenced	01:55 PM
Time vent or flare was terminated	02:10 PM
Cumulative hours during this event	0

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Normal Operations Well 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. .

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ACKNOWLEDGMENTS

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	Action Number: 579035
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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

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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.	4/26/2026