


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	CEDAR CANYON 28 CTB PRODUCTION FMP
Technician	ANTHONY DOMINGUEZ
Analyzer Make & Model	INFICON MICRO GC
Last Calibration/Validation Date	10-31-2025
Meter Number	14948P
Air temperature	67
Flow Rate (MCF/Day)	3407
Heat Tracing	HEATED HOSE & GASIFIER
Sample description/mtr name	CEDAR CANYON 28 CTB PRODUCTION FMP
Sampling Method	FILL & EMPTY
Operator	OCCIDENTAL PETROLEUM
State	NEW MEXICO
Region Name	PERMIAN_RESOURCES
Asset	NEW MEXICO
System	WEST
FLOC	OP-L093-BT004
Sample Sub Type	CTB
Sample Name Type	METER
Vendor	AKM MESUREMENT
Cylinder #	38948
Sampled by	AUSTIN MCCOY
Sample date	10-28-2025
Analyzed date	10-31-2025
Method Name	C9
Injection Date	2025-10-31 11:39:33
Report Date	2025-10-31 11:38:45
EZReporter Configuration File	1-16-2023 OXY GPA C9+ H2S #2.cfgx
Source Data File	de978407-2dc3-400c-88b9-43bbf9f91680
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	25797.0	1.4661	0.00005683	1.4598	0.0	0.01412	0.161	
Methane	1043397.7	76.3249	0.00007315	75.9994	769.4	0.42096	12.930	
CO2	10072.5	0.4816	0.00004781	0.4795	0.0	0.00729	0.082	
Ethane	266661.5	12.3208	0.00004620	12.2682	217.6	0.12737	3.293	
H2S	0.0	0.0000	0.00000000	0.0000	0.0	0.00000	0.000	
Propane	180715.1	5.9474	0.00003291	5.9221	149.4	0.09016	1.637	
iso-butane	68223.9	0.7646	0.00001121	0.7614	24.8	0.01528	0.250	
n-Butane	162891.1	1.8128	0.00001113	1.8050	59.0	0.03622	0.571	
iso-pentane	38447.8	0.3821	0.00000994	0.3805	15.3	0.00948	0.140	
n-Pentane	43481.5	0.4139	0.00000952	0.4121	16.6	0.01027	0.150	
hexanes	28921.0	0.2904	0.00001004	0.2892	13.8	0.00860	0.119	
heptanes	26082.0	0.1644	0.00000630	0.1637	9.0	0.00566	0.076	
octanes	9647.0	0.0556	0.00000577	0.0554	3.5	0.00218	0.028	
nonanes+	1143.0	0.0037	0.00000326	0.0037	0.3	0.00016	0.002	
Total:		100.4284		100.0000	1278.5	0.74776	19.440	

Results Summary

Result	Dry	Sat.
Total Un-Normalized Mole%	100.4284	
Pressure Base (psia)	14.730	
Temperature Base (Deg. F)	60.00	
Flowing Temperature (Deg. F)	74.0	
Flowing Pressure (psia)	96.0	

Result	Dry	Sat.	
Gross Heating Value (BTU / Ideal cu.ft.)	1278.5	1256.3	
Gross Heating Value (BTU / Real cu.ft.)	1283.4	1261.6	
Relative Density (G), Real	0.7503	0.7484	

Monitored Parameter Report

Parameter	Value	Lower Limit	Upper Limit	Status	
Total un-normalized amount	100.4284	97.0000	103.0000	Pass	

**UPSET VENTING EVENT SPECIFIC JUSTIFICATIONS FORM****Facility Id#** fAB1911235058**Facility:** Cedar Canyon 28 CS**Duration of Event:** 17 Hours**Start Time:** 12:00 AM**Cause:** Emergency Flare > Equipment Malfunction > Compression Equipment > Pressure Relief Valve**Method of Vented Gas Measurement:** Allocated Calculation**Operator:** OXY USA, Inc.**Vent Date:** 09/03/2026**MCF Vented:** 77**End Time:** 05:00 PM**1. Reason why this event was beyond Operator's control:**

This emissions event was caused by the unforeseen, unexpected, sudden, and unavoidable breakdown of equipment or process that was beyond the owner/operator's control, and did not stem from activity that could have been foreseen and avoided and could not have been avoided or prevented by good design, operation, and preventative maintenance practices. Internal OXY procedures ensure that upon air compressor unit and/or multiple unit shutdown, due to malfunction and/or alarms, production techs are promptly notified and are instructed to assess the issue as soon as possible in order to take prompt corrective action and minimize emissions. In this instance, the venting event was documented during an internal flyover. It was attributed to a malfunction in a compressor unit, specifically involving a pressure relief valve. The issue was fully resolved upon the arrival of a compressor mechanic who replaced the faulty valve. This event could not have been foreseen, avoided or planned for as compression operating equipment design and operations are inherently dynamic and even the smallest alarms, false or true, can be sudden, reasonably unforeseeable and unexpected. The occurrence of this event was beyond OXY's control. OXY took all possible measures to manage and reduce emissions to the greatest extent.

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

This facility is unmanned, except when Oxy production techs are gathering data daily or conducting daily walk-throughs to ensure that there are no problems, circumstances and/or assist other personnel on-site for maintenance purposes. It is OXY's policy to route all stranded gas to a flare rather than vent 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 equipment or operational malfunctions. In this instance, the venting event was documented during an internal flyover. It was attributed to a malfunction in a compressor unit, specifically involving a pressure relief valve. The issue was fully resolved upon the arrival of a compressor mechanic who replaced the faulty valve. While venting is not OXY's primary approach for addressing or rectifying malfunctions, it was essential to maintain operational and equipment safety until the issue could be resolved expeditiously. The occurrence of this event was beyond OXY's control. OXY took all possible measures to manage and reduce emissions to the greatest extent.

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

Oxy is limited in the corrective actions available to them to eliminate the cause and potential reoccurrence of this type of equipment malfunction as notwithstanding compression operating equipment design and operations, they are inherently dynamic and even the smallest alarms, false or true, can be sudden, reasonably unforeseeable and unexpected. This event is out of OXY's control yet, OXY made every effort to control and minimize emissions as much as possible. Oxy continually strives to maintain and operate all its equipment in a manner consistent with good practices for minimizing emissions and reducing the number of emission events. Oxy has a strong and positive equipment preventative maintenance program in place.

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 624947

DEFINITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 624947
	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 624947

QUESTIONS

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	Action Number: 624947
	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	[FAB1911235058] CEDAR CANYON 28 COMPRESSION STATION

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	Yes
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 > Equipment Malfunction > Compression Equipment > Pressure Relief Valve

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	0
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

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QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	09/03/2026
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	05:00 PM
Cumulative hours during this event	17

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Equipment Failure Other (Specify) Natural Gas Vented Released: 77 Mcf Recovered: 0 Mcf Lost: 77 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.	True
Please explain reason for why this event was beyond this operator's control	This emissions event was caused by the unforeseen, unexpected, sudden, and unavoidable breakdown of equipment or process that was beyond the owner/operator's control, and did not stem from activity that could have been foreseen and avoided and could not have been avoided or prevented 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 all stranded gas to a flare rather than vent 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 equipment or operational malfunctions.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Oxy is limited in the corrective actions available to them to eliminate the cause and potential reoccurrence of this type of equipment malfunction as notwithstanding compression operating equipment design and operations, they are inherently dynamic and even the smallest alarms, false or true, can be sudden, reasonably unforeseeable and unexpected.

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ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

☒	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.
☒	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

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.	9/15/2026