


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	CORRAL FLY 35 26 CTB TRAIN 1 PRODUCTION (FMP)
Technician	ANTHONY DOMINGUEZ
Analyzer Make & Model	INFICON MICRO GC
Last Calibration/Validation Date	02-21-2025
Meter Number	18201P
Air temperature	71
Flow Rate (MCF/Day)	8297.406
Heat Tracing	HEATED HOSE & GASIFIER
Sample description/mtr name	CORRAL FLY 35 26 CTB TRAIN 1 PRODUCTION
Sampling Method	FILL & EMPTY
Operator	OCCIDENTAL PETROLEUM
State	NEW MEXICO
Region Name	PERMIAN_RESOURCES
Asset	NEW MEXICO
System	CORRAL FLY
FLOC	OP-L0943-BT001
Sample Sub Type	CTB
Sample Name Type	METER
Vendor	AKM MESUREMENT
Cylinder #	38971
Sampled by	AUSTIN MCCOY
Sample date	2-14-2025
Analyzed date	2-21-2025
Method Name	C9
Injection Date	2025-02-21 10:13:44
Report Date	2025-02-21 10:17:54
EZReporter Configuration File	1-16-2023 OXY GPA C9+ H2S #2.cfgx
Source Data File	efec1009-1c6c-45d6-9c94-ec6ca946f2f9
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	22939.9	1.3088	0.00005705	1.3036	0.0	0.01261	0.144	
Methane	1002605.7	72.7970	0.00007261	72.5090	734.0	0.40163	12.346	
CO2	3392.3	0.1607	0.00004736	0.1600	0.0	0.00243	0.027	
Ethane	264026.7	12.1214	0.00004591	12.0735	214.2	0.12535	3.243	
H2S	0.0	0.0003	0.00000000	0.0003	0.0	0.00000	0.000	
Propane	205531.6	6.7097	0.00003265	6.6831	168.5	0.10175	1.849	
iso-butane	100434.6	1.1142	0.00001109	1.1097	36.2	0.02227	0.365	
n-Butane	277798.2	3.0585	0.00001101	3.0464	99.6	0.06114	0.965	
iso-pentane	96351.2	0.9471	0.00000983	0.9434	37.8	0.02350	0.347	
n-Pentane	120447.2	1.1340	0.00000941	1.1295	45.4	0.02814	0.411	
hexanes	76939.0	0.7662	0.00000996	0.7632	36.4	0.02271	0.315	
heptanes	40414.0	0.2494	0.00000617	0.2484	13.7	0.00859	0.115	
octanes	5278.0	0.0292	0.00000553	0.0290	1.8	0.00114	0.015	
nonanes+	254.0	0.0009	0.00000351	0.0009	0.1	0.00004	0.001	
Total:		100.3972		100.0000	1387.7	0.81130	20.143	

Results Summary

Result	Dry	Sat.	
Total Un-Normalized Mole%	100.3972		
Pressure Base (psia)	14.730		
Temperature Base (Deg. F)	60.00		
Flowing Temperature (Deg. F)	61.0		

Result	Dry	Sat.	
Flowing Pressure (psia)	72.1		
Gross Heating Value (BTU / Ideal cu.ft.)	1387.7	1363.5	
Gross Heating Value (BTU / Real cu.ft.)	1394.1	1370.5	
Relative Density (G), Real	0.8147	0.8118	

Monitored Parameter Report

Parameter	Value	Lower Limit	Upper Limit	Status	
Total un-normalized amount	100.3972	97.0000	103.0000	Pass	

UPSET FLARING EVENT SPECIFIC JUSTIFICATIONS FORM**Facility:** Corral Fly 35 Federal #1H Tank Battery**Flare Date:** 03/30/2025**Duration of Event:** 24 Hours**MCF Flared:** 697**Start Time:** 12:00 AM**End Time:** 11:59 PM**Cause:** Rental Emergency Flare > P & A Work on Shut Well > Extreme Pressure**Method of Flared Gas Measurement:** Meter on Portable Flare System

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 by good design, operation, and preventative maintenance practices. Oxy engages in respectable and good facility operation practices while also maintaining its continuous facility equipment preventative maintenance program. Corral 35-1 (API 30015273810000) has been shut down and non-operational since approximately September 30, 2024, due to a third-party gas pipeline failure. Due to its consistently low output, repairing the pipeline was deemed not economically feasible, and the well was designated for Plug and Abandonment (PxA). When Oxy crews arrived to prepare for the well work, they encountered a pressure of approximately 4000 psi. Efforts to depressurize the well showed that the pressure was not decreasing as anticipated. To minimize total VOC emissions, a rental flare was brought on-site to assist in reducing the pressure to a safe level for plug and abandonment activities, which took a few days. On March 31, 2024, the pressure was confirmed to have reached a safe level, and subsequent plug and abandonment activities were initiated. This event is out of OXY's control yet OXY made every effort to control and minimize emissions as much as possible.

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

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 by good design, operation, and preventative maintenance practices. Oxy engages in respectable and good facility operation practices while also maintaining its continuous facility equipment preventative maintenance program. Corral 35-1 (API 30015273810000) has been shut down and non-operational since approximately September 30, 2024, due to a third-party gas pipeline failure. Due to its consistently low output, repairing the pipeline was deemed not economically feasible, and the well was designated for Plug and Abandonment (PxA). When Oxy crews arrived to prepare for the well work, they encountered a pressure of approximately 4000 psi. Efforts to depressurize the well showed that the pressure was not decreasing as anticipated. To minimize total VOC emissions, a rental flare was brought on-site to assist in reducing the pressure to a safe level for plug and abandonment activities, which took a few days. On March 31, 2024, the pressure was confirmed to have reached a safe level, and subsequent plug and abandonment activities were initiated. This event is out of OXY's control yet OXY made every effort to control and minimize emissions as much as possible.

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

Oxy has limited options for corrective actions to prevent flaring when wells are designated for plug and abandonment activities. Oxy's Operations Management team is developing a plan to address these types of scenarios and ensure they do not become regular occurrences.

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 451033

DEFINITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 451033
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 451033

QUESTIONS

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	Action Number: 451033
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 ID (n#)	Unavailable.
Incident Name	Unavailable.
Incident Type	Flare
Incident Status	Unavailable.
Incident Facility	[fAPP2508836144] Corral Fly 35 Federal #1H Tank Battery
<i>Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.</i>	

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, major 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	Rental Emergency Flare > P & A Work on Shut Well > Extreme Pressure

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	73
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	3
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

Action 451033

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	03/30/2025
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	24

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Other Other (Specify) Natural Gas Flared Released: 697 Mcf Recovered: 0 Mcf Lost: 697 Mcf.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Meter on Portable Flare System
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	
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 by good design, operation, and preventative maintenance practices. Oxy engages in respectable and good facility operation practices while also maintaining its continuous facility equipment preventative maintenance program. Corral 35-1 (API 30015273810000) has been shut down and non-operational since approximately September 30, 2024, due to a third-party gas pipeline failure. Due to its consistently low output, repairing the pipeline was deemed not economically feasible, and the well was designated for Plug and Abandonment (PxA). When Oxy crews arrived to prepare for the well work, they encountered a pressure of approximately 4000 psi. Efforts to depressurize the well showed that the pressure was not decreasing as anticipated. To minimize total VOC emissions, a rental flare was brought on-site to assist in reducing the pressure to a safe level for plug and abandonment activities, which took a few days. On March 31, 2024, the pressure was confirmed to have reached a safe level, and subsequent plug and abandonment activities were initiated. This event is out of OXY's control yet OXY made every effort to control and minimize emissions as much as possible. 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 by good design, operation, and preventative maintenance practices. Oxy engages in

Steps taken to limit the duration and magnitude of vent or flare	respectable and good facility operation practices while also maintaining its continuous facility equipment preventative maintenance program. Corral 35-1 (API 30015273810000) has been shut down and non-operational since approximately September 30, 2024, due to a third-party gas pipeline failure. Due to its consistently low output, repairing the pipeline was deemed not economically feasible, and the well was designated for Plug and Abandonment (PxA). When Oxy crews arrived to prepare for the well work, they encountered a pressure of approximately 4000 psi. Efforts to depressurize the well showed that the pressure was not decreasing as anticipated. To minimize total VOC emissions, a rental flare was brought on-site to assist in reducing the pressure to a safe level for plug and abandonment activities, which took a few days. On March 31, 2024, the pressure was confirmed to have reached a safe level, and subsequent plug and abandonment activities were initiated. This event is out of OXY's control yet OXY made every effort to control and minimize emissions as much as possible.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Oxy has limited options for corrective actions to prevent flaring when wells are designated for plug and abandonment activities. Oxy's Operations Management team is developing a plan to address these types of scenarios and ensure they do not become regular occurrences.

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ACKNOWLEDGMENTS

☒	I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.
☒	I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.
☒	I hereby certify the statements in this amending 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

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	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
shelbyschoepf	If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	4/10/2025