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575.397.3713 2609 W Marland Hobbs NM 88240

C6+ Gas Analysis Report

11019G	South Hobbs Unit CTB Inlet		South Hobbs Unit CTB Inlet
Sample Point Code	Sample Point Name		Sample Point Location
Laboratory Services	2020036993	1719	D Armstrong - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
Nov 24, 2020 09:58	Nov 24, 2020 09:58	Nov 24, 2020 11:59	Nov 24, 2020
Date Sampled	Date Effective	Date Received	Date Reported
60.00	Torrance	38 @ 70	
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Oxy	NG		
Operator	Lab Source Description		

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	0.1080	0.10806	
CO2 (CO2)	85.2310	85.23111	
Methane (C1)	0.6730	0.67276	
Ethane (C2)	0.6140	0.61395	0.1640
Propane (C3)	3.9190	3.91938	1.0790
I-Butane (IC4)	1.7080	1.70793	0.5590
N-Butane (NC4)	4.2350	4.23453	1.3350
I-Pentane (IC5)	1.4540	1.45438	0.5320
N-Pentane (NC5)	0.9800	0.98005	0.3550
Hexanes Plus (C6+)	1.0780	1.07784	0.4680
TOTAL	100.0000	100.0000	4.4920

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Nov 24, 2020

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 °F		14.73 PSI @ 60.00 °F	
Dry	Saturated	Dry	Saturated
464.3	457.3	465.4	458.4

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
1.5926	1.5805
Molecular Weight	
45.7756	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S
0 PPM

PROTREND STATUS:

Passed By Validator on Nov 24, 2020

DATA SOURCE:

Imported

PASSED BY VALIDATOR REASON:

First sample taken @ this point, composition looks reasonable

VALIDATOR:

Torrance Galvan

VALIDATOR COMMENTS:

OK

UPSET FLARING EVENT SPECIFIC JUSTIFICATIONS FORM**Facility:** South Hobbs Unit**Flare Date:** 5/24/2022**Duration of event:** 1 hour and 27 minutes**MCF Flared:** 490**Start Time:** 06:34 PM**End Time:** 08:01 PM**Cause:** Compression Equipment Shut down > Low suction**Method of Flared Gas Measurement:** Gas Flare Meter**Comments:** This upset event was not caused by any wells associated with the facility

1. **Reason why this event was beyond Operator's control:** The 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. In this case, compressor LP 4500 unit's malfunction occurred due to a facility power shutdown caused by an extreme weather-related storm. All OXY operations and facility equipment were running at maximized optimization prior to the shutdown occurring due to strong weather-related storms which triggered a facility power loss and prompting the compressor unit to shutdown. This event was completely out of OXY's control to prevent from occurring as Oxy cannot predict or anticipate how extraordinary, extreme, and/or overwhelmingly violent weather conditions can get but OXY made every effort to control and minimize flaring when those weather conditions are concluded and/or are no longer in effect. The facility and all its equipment were working as designed and operated normally prior to the sudden and without warning malfunction triggered by an extreme weather-related storm.
2. **Steps Taken to limit duration and magnitude of venting or flaring:** The steps taken to limit duration and magnitude of flaring was for an Oxy production tech to quickly respond to the compressor malfunction alarm and begin inspecting the unit, diagnose the issue, and make the necessary adjustments to restart the unit back to normal working service. It is OXY's policy to route all stranded gas to a flare during an unforeseen and unavoidable emergency or malfunction, in order to minimize emissions as much as possible. Internal procedures ensure that upon compressor unit shutdown, OXY 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. Upon arrival, an Oxy production tech must assess whether compressor shutdown is due to damage and repair is needed, or whether there are other reasons. In this case, upon the Oxy production tech's immediate arrival to the facility, he could see the entire facility was shutdown, and no power to the facility could be visually seen. The Oxy production tech, for his safety and per Oxy's work safe environment protocols, had to wait until the extreme violent nature of the weather storm had passed and/or stopped due to the intensity of the storm, at the time of his arrival to the facility. Once the storm had passed, and power was restored to the facility, the Oxy production tech performed a visual inspection of the malfunctioned compressor unit and finding no other cause for issues, simply restarted the unit to normal working service. The

facility and all its equipment were working as designed and operated normally prior to the sudden and without warning malfunction triggered by an extreme weather-related storm. Flaring ceased within minutes of the facility and its compression equipment working as designed and operating normally.

3. **Corrective Actions taken to eliminate the cause and reoccurrence of venting or flaring:** The 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. It is OXY's policy to route all stranded gas to a flare during an unforeseen and unavoidable emergency or malfunction, in order to minimize emissions as much as possible. Oxy cannot take any corrective actions to eliminate the cause and potential reoccurrence of compressor malfunctions or facility shutdowns due to extreme weather-related conditions, affecting power usage, facility operations, etc. Oxy cannot predict or anticipate how extraordinary, extreme, and/or overwhelmingly violent weather conditions can get but OXY makes every effort to control and minimize flaring when those extraordinary, extreme, and/or overwhelmingly violent weather conditions are concluded and/or are no longer in effect. Oxy continually strives to maintain and operate its facility and its equipment in a manner consistent with good practices for minimizing emissions and reducing the number of emission events. The only actions that Oxy can take and handle that is within its control, is to continue with its preventative maintenance program for this facility and its compression equipment.

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Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Action 112916

DEFINITIONS

Operator: OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	OGRID: 157984
	Action Number: 112916
	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 112916

QUESTIONS

Operator: OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	OGRID: 157984
	Action Number: 112916
	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	Not answered.
Incident Facility	[fJXK1520829861] South Hobbs Unit CTB

Determination of Reporting Requirements

Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.

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	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	Compression Equipment Shut down > Low suction

Representative Compositional Analysis of Vented or Flared Natural Gas

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	1
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	1
Carbon Dioxide (CO2) percentage, if greater than one percent	85
Oxygen (O2) 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 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 112916

QUESTIONS (continued)

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	Action Number: 112916
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	05/24/2022
Time vent or flare was discovered or commenced	06:34 PM
Time vent or flare was terminated	08:01 PM
Cumulative hours during this event	1

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: 490 Mcf Recovered: 0 Mcf Lost: 490 Mcf]
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Not answered.
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	The 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. In this case, compressor LP 4500 unit's malfunction occurred due to a facility power shutdown caused by an extreme weather-related storm. All OXY operations and facility equipment were running at maximized optimization prior to the shutdown occurring due to strong weather-related storms which triggered a facility power loss and prompting the compressor unit to shutdown. This event was completely out of OXY's control to prevent from occurring as Oxy cannot predict or anticipate how extraordinary, extreme, and/or overwhelmingly violent weather conditions can get but OXY made every effort to control and minimize flaring when those weather conditions are concluded and/or are no longer in effect. The facility and all its equipment were working as designed and operated normally prior to the sudden and without warning malfunction triggered by an extreme weather-related storm.
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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

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CONDITIONS

Created By	Condition	Condition Date
srojas	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.	6/2/2022