

# OCCIDENTAL PERMIAN LTD.

**Event ID:** 92275 **Reporting Employee:** TONY AGUILAR  
**Lease Name:** NORTH HOBBS UNIT RCF/WIB **Account Number:** 2415  
**Equipment:** RCF FLARE **NSR Permit Number:** 2656-M5  
**EPN:** RCF - FLR - SSM **Title V Permit Number:**  
**EPN Name:** RCF FLARE SSM EVENTS **Reg Lease Number:**  
**Flare Point:** RCF-FLR-SSM

## Explanation of the Cause:

FLARED INTERMITTENTLY WHEN D-TRAIN WENT DOWN ON LL LUBE FLOW TWICE, AND F-TRAIN DOWN ON HH 1STAGE DISCHARGE PRESSURE. B-TRAIN WENT DOWN ON LL LUBE FLOW.

## Event Type

Malfunction  
 Malfunction  
 Malfunction

## Corrective Actions Taken to Minimize Emissions:

TRAINS WERE RESTARTED AND LOADED.

## Actions taken to prevent recurrence:

TRAINS WERE RESTARTED AND LOADED.

Emission Start Date	Emission End Date	Duration
2/17/2019 11:47:00 AM	2/18/2019 1:51:00 PM	26:04 hh:mm

## NMED

Pollutant	Duration (hh:mm)	Avging Period	Excess Emission	Number of Exceedances	Permit Limit	Average Emission Rate	Total Pounds	Tons Per Year		
								Total	Next Drop off Date	Date Permit Exceeded
CO	26:04	1	0 LBS	0	152.10	17.76 LBS/HR	463.15	0.231579	2/19/2019	
H2S	26:04	1	0 LBS	0	14.60	1.09 LBS/HR	28.5	0.01425	2/19/2019	
NOX	26:04	1	0 LBS	0	27.10	2.07 LBS/HR	54.01	0.027009	2/19/2019	
SO2	26:04	1	0 LBS	0	1372.10	100.84 LBS/HR	2628.78	1.314394	2/19/2019	
VOC	26:04	1	0 LBS	0	216.70	8.71 LBS/HR	227.16	0.113581	2/19/2019	

Reporting Status: Non-Reportable

## NMOCD

Flare Stream Total	Total MCF	EPN	Latitude	Longitude	Reporting Status
2021 MCF	2411 MCF	RCF FLARE SSM EVENTS	32°43'14.96"	103°11'59.65"	Major Release

## LEPC

Total MCF	H2S %	Unit Letter	Section	Township	Range
2411	0.786	H	25	18 S	37 E

## Emissions Calculations:

NOx = MCF flared x NOx factor from RG-109 x BTU/scf x 1000 scf/MCF x MMBTU/1000000 BTU

CO = MCF flared x CO factor from RG-109 x BTU/scf x 1000 scf/MCF x MMBTU/1000000 BTU

Gas was flared to reduce the hydrocarbon and/or H2S emissions to the atmosphere.

NMNE NG = MCF flared x 50 lb/mole x mole/.379 MCF x mol % NMNE NG x 0.02

NMNE NG % = 100% - Methane % - Ethane % - Carbon Dioxide % - Nitrogen %

H2S = MCF flared x 34 lb/mole x mole/.379 MCF x mol % H2S/100 x 0.02

SO2 = MCF flared x 64 lb/mole x mole/.379 MCF x mol % H2S/100 x 0.98