

OCCIDENTAL PERMIAN LTD.

Event ID: 92288 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 WAS TAKEN DOWN FOR PM WORK, & B-TRAINS WAS DOWN DUE TO LL SUCTION PRESSURE.

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
2/19/2019 7:04:00 AM	2/19/2019 8:25:00 AM	1:21 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	1:21	1	0 LBS	0	152.10	25.43 LBS/HR	34.33	0.017166	2/24/2019	
H2S	1:21	1	0 LBS	0	14.60	1.42 LBS/HR	1.91	0.000959	2/24/2019	
NOX	1:21	1	0 LBS	0	27.10	2.96 LBS/HR	4	0.002002	2/24/2019	
SO2	1:21	1	0 LBS	0	1372.10	131.03 LBS/HR	176.9	0.08845	2/24/2019	
VOC	1:21	1	0 LBS	0	216.70	11.32 LBS/HR	15.28	0.007643	2/24/2019	

Reporting Status: Non-Reportable

NMOCOD

Flare Stream Total	Total MCF	EPN	Latitude	Longitude	Reporting Status
136 MCF	168 MCF	RCF FLARE SSM EVENTS	32°43'14.96"	103°11'59.65"	Minor release

LEPC

Total MCF	H2S %	Unit Letter	Section	Township	Range
168	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