

OCCIDENTAL PERMIAN LTD.

Event ID: 92274 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 WHEN F-TRAIN WENT DOWN ON MOTOR THERMAIL OVERLOAD.

Event Type

Malfunction
Malfunction
Malfunction

Corrective Actions Taken to Minimize Emissions:

REMOVE FILTERS ON MOTOR AND CLEAN FILTERS.

Actions taken to prevent recurrence:

REMOVE FILTERS ON MOTOR AND CLEAN FILTERS.

Emission Start Date	Emission End Date	Duration
2/15/2019 1:44:00 PM	2/15/2019 2:10:00 PM	0:26 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	0:26	1	171.9 LBS	1	152.10	747.7 LBS/HR	324	6.917395	2/16/2019	
H2S	0:26	1	3.56 LBS	1	14.60	41.91 LBS/HR	18.16	0.554682	2/16/2019	
NOX	0:26	1	10.68 LBS	1	27.10	87.2 LBS/HR	37.78	1.267039	2/16/2019	
SO2	0:26	1	303.24 LBS	1	1372.10	3866.18 LBS/HR	1675.34	52.51916	2/16/2019	
VOC	0:26	1	0 LBS	0	216.70	334.09 LBS/HR	144.77	6.924039	2/16/2019	

Reporting Status: Reportable

NMOCD

Flare Stream Total	Total MCF	EPN	Latitude	Longitude	Reporting Status
1288 MCF	1588.99 MCF	RCF FLARE SSM EVENTS	32°43'14.96"	103°11'59.65"	Major Release

LEPC

Total MCF	H2S %	Unit Letter	Section	Township	Range
1588.99	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