

OCCIDENTAL PERMIAN LTD.

Event ID: 95951 **Reporting Employee:** CARY, JASON
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 E TRAIN SHUT DOWN ON MOTOR STOP

Event Type

Malfunction
Malfunction

Corrective Actions Taken to Minimize Emissions:

TROUBLE SHOOT AND RESTART E TRAIN.

Actions taken to prevent recurrence:

TROUBLE SHOOT AND RESTART E TRAIN.

Emission Start Date	Emission End Date	Duration
6/24/2019 2:09:00 AM	6/24/2019 2:45:00 AM	0:36 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	0:36	1	0 LBS	0	152.10	209.96 LBS/HR	125.97	0.062989	6/24/2019	
H2S	0:36	1	0 LBS	0	14.60	11.56 LBS/HR	6.93	0.003469	6/24/2019	
NOX	0:36	1	0 LBS	0	27.10	24.48 LBS/HR	14.69	0.007346	6/24/2019	
SO2	0:36	1	0 LBS	0	1372.10	1066.6 LBS/HR	639.96	0.319981	6/24/2019	
VOC	0:36	1	0 LBS	0	216.70	92.16 LBS/HR	55.3	0.027651	6/24/2019	

Reporting Status: Non-Reportable

NMOCD

Flare Stream Total	Total MCF	EPN	Latitude	Longitude	Reporting Status
492 MCF	611 MCF	RCF FLARE SSM EVENTS	32°43'14.96"	103°11'59.65"	Major Release

LEPC

Total MCF	H2S %	Unit Letter	Section	Township	Range
611	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