

OCCIDENTAL PERMIAN LTD.

Event ID: 92241 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 CYLINDER LUBE NO FLOW. F-TRAIN WENT DOWN ON LL OIL PRESSURE.

Event Type

Malfunction
 Malfunction
 Malfunction

Corrective Actions Taken to Minimize Emissions:

REPAIR DAMAGED OIL SEPARATOR ON D-TRAIN, AND REPLACED OIL FILTER OFF CRANKCASE.

Actions taken to prevent recurrence:

REPAIR DAMAGED OIL SEPARATOR ON D-TRAIN, AND REPLACED OIL FILTER OFF CRANKCASE.

Emission Start Date	Emission End Date	Duration
2/13/2019 12:39:00 AM	2/13/2019 2:06:00 PM	13:27 hh:mm

NMED

Pollutant	Duration (hh:mm)	Avging Period	Excess Emission	Number of Exceedances	Permit Limit	Average Emission Rate	Total Pounds	Total	Tons Per Year	Next Drop off Date	Date Permit Exceeded
CO	13:27	1	0 LBS	0	152.10	17.36 LBS/HR	233.58	0.116791		2/16/2019	
H2S	13:27	1	0 LBS	0	14.60	0.97 LBS/HR	13.15	0.006579		2/16/2019	
NOX	13:27	1	0 LBS	0	27.10	2.02 LBS/HR	27.24	0.013621		2/16/2019	
SO2	13:27	1	0 LBS	0	1372.10	90.22 LBS/HR	1213.58	0.606794		2/16/2019	
VOC	13:27	1	0 LBS	0	216.70	7.79 LBS/HR	104.87	0.052435		2/16/2019	

Reporting Status: Non-Reportable

NMOCD

Flare Stream Total	Total MCF	EPN	Latitude	Longitude	Reporting Status
933 MCF	1149 MCF	RCF FLARE SSM EVENTS	32°43'14.96"	103°11'59.65"	Major Release

LEPC

Total MCF	H2S %	Unit Letter	Section	Township	Range
1149	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