

OCCIDENTAL PERMIAN LTD.

Event ID: 92368 **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 WAS TAKEN DOWN DUE TO LEAKING VALVE GASKET AND DOWN FOR HIGH INLET PRESSURE. FIELD LOST 2 SATELLITES AND TRAINS A, B, AND C WERE SHUT DOWN NOT NEEDED.

Event Type

Malfunction
 Malfunction
 Malfunction

Corrective Actions Taken to Minimize Emissions:

FIELD BROUGHT BACK ON SATELLITES AND PLANT RESTARTED ALL TRAIN COMPRESSORS.

Actions taken to prevent recurrence:

FIELD BROUGHT BACK ON SATELLITES AND PLANT RESTARTED ALL TRAIN COMPRESSORS.

Emission Start Date	Emission End Date	Duration
2/25/2019 1:05:00 PM	2/25/2019 5:20:00 PM	4:15 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	4:15	1	0 LBS	0	152.10	148.62 LBS/HR	631.63	0.315818	3/1/2019	
H2S	4:15	1	0 LBS	0	14.60	8.32 LBS/HR	35.39	0.017698	3/1/2019	
NOX	4:15	1	0 LBS	0	27.10	17.33 LBS/HR	73.66	0.036834	3/1/2019	
SO2	4:15	1	0 LBS	0	1372.10	768.19 LBS/HR	3264.84	1.632425	3/1/2019	
VOC	4:15	1	0 LBS	0	216.70	66.38 LBS/HR	282.12	0.141063	3/1/2019	

Reporting Status: Non-Reportable

NMOCD

Flare Stream Total	Total MCF	EPN	Latitude	Longitude	Reporting Status
2510 MCF	3097 MCF	RCF FLARE SSM EVENTS	32°43'14.96"	103°11'59.65"	Major Release

LEPC

Total MCF	H2S %	Unit Letter	Section	Township	Range
3097	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