

OCCIDENTAL PERMIAN LTD.

Event ID: 92273
Lease Name: SOUTH HOBBS UNIT RCF
Equipment: Plant Inlet
EPN: RCF - FLARE - SSM
EPN Name: RCF flare - SSM
Flare Point: Plant Inlet

Reporting Employee: TONY AGUILAR
Account Number: 33207
NSR Permit Number: 5418-R2
Title V Permit Number:
Reg Lease Number:

Explanation of the Cause:

FLARED WHEN B-TRAIN WENT DOWN DUE TO LOW LOW SUCTION TEMPERATURE.

Event Type

Malfunction
 Malfunction
 Malfunction

Corrective Actions Taken to Minimize Emissions:

RESET UNIT FOR RESTART.

Actions taken to prevent recurrence:

RESET UNIT FOR RESTART.

Emission Start Date	Emission End Date	Duration
2/14/2019 5:44:00 PM	2/14/2019 6:00:00 PM	0:16 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	0:16	1	0 LBS	0	168.20	50.22 LBS/HR	13.39	0.006697	2/27/2019	
H2S	0:16	1	0 LBS	0	14.60	3.36 LBS/HR	0.89	0.000449	2/27/2019	
NOX	0:16	1	0 LBS	0	29.70	5.85 LBS/HR	1.56	0.000781	2/27/2019	
SO2	0:16	1	0 LBS	0	1372.10	310.78 LBS/HR	82.87	0.041438	2/27/2019	
VOC	0:16	1	0 LBS	0	195.10	33.87 LBS/HR	9.03	0.004517	2/27/2019	

Reporting Status: Non-Reportable

NMOCD

Flare Stream Total	Total MCF	EPN	Latitude	Longitude	Reporting Status
80 MCF	90 MCF	RCF flare - SSM	32°40'40.890	103°9'35.360	Minor release

LEPC

Total MCF	H2S %	Unit Letter	Section	Township	Range
90	0.626	E	09	19 S	39 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