OCCIDENTAL PERMIAN LTD.

Event ID: 93404
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 WENT DOWN ON CYLINDER LUBE NO FLOW.

Event Type

Malfunction
Malfunction

Corrective Actions Taken to Minimize Emissions:

THE CYLINDER LUBE OIL MOTOR WAS REPLACED AND PUT BACK ONLINE

Actions taken to prevent recurrence:

THE CYLINDER LUBE OIL MOTOR WAS REPLACED AND PUT BACK ONLINE

Emission Start Date	Emission End Date	Duration
4/19/2019 1:23:00 PM	4/19/2019 5:42:00 PM	4:19 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	4:19	1	87.43	LBS	5	152.10	172.35	LBS/HR	743.99	0.372	4/24/2019	
H2S	4:19	1	0	LBS	0	14.60	9.84	LBS/HR	42.47	0.021238	4/24/2019	
NOX	4:19	1	0	LBS	0	27.10	20.1	LBS/HR	86.77	0.043386	4/24/2019	
SO2	4:19	1	0	LBS	0	1372.10	907.6	LBS/HR	3917.81	1.958909	4/24/2019	
VOC	4:19	1	0	LBS	0	216.70	78.42	LBS/HR	338.55	0.169276	4/24/2019	

Reporting Status: Reportable

NMOCD

Flare Stream Total	Total MCF	EPN	Latitude	Longitude	Reporting Status
3012 MCF	3691 MCF	RCF FLARE SSM EVENTS	32°43'14.96"	103°11'59.65"	Major Release

LEPC

Total MCF	H2S %	Unit Letter	Section	Township		Range	
3691	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