

OCCIDENTAL PERMIAN LTD.

Event ID: 94411 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 EXCESS GAS FROM THE FIELD DUE TO HIGH INLET PRESSURE.

Event Type

Malfunction
Malfunction

Corrective Actions Taken to Minimize Emissions:

OPERATIONS COMMUNICATED WITH THE FIELD TO CUT BACK WELLS TO GET OUT OF THE FLARE.

Actions taken to prevent recurrence:

OPERATIONS COMMUNICATED WITH THE FIELD TO CUT BACK WELLS

Emission Start Date	Emission End Date	Duration
8/17/2019 1:40:00 PM	8/17/2019 4:17:00 PM	2:37 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	2:37	1	0 LBS	0	152.10	17.33 LBS/HR	45.34	0.022675	8/18/2019	
H2S	2:37	1	0 LBS	0	14.60	0.87 LBS/HR	2.29	0.001149	8/18/2019	
NOX	2:37	1	0 LBS	0	27.10	2.02 LBS/HR	5.28	0.002645	8/18/2019	
SO2	2:37	1	0 LBS	0	1372.10	81.02 LBS/HR	212.02	0.10601	8/18/2019	
VOC	2:37	1	0 LBS	0	216.70	7 LBS/HR	18.32	0.009161	8/18/2019	

Reporting Status: Non-Reportable

NMOCD

Flare Stream Total	Total MCF	EPN	Latitude	Longitude	Reporting Status
163 MCF	209 MCF	RCF FLARE SSM EVENTS	32°43'14.96"	103°11'59.65"	Minor release

LEPC

Total MCF	H2S %	Unit Letter	Section	Township	Range
209	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