

OCCIDENTAL PERMIAN LTD.

Event ID: 94232 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 DUE TO MAINTENANCE ON B AND F TRAIN, ALSO AFTER MAINTENANCE WAS COMPLETED BRINGING THE PLANT BACK ONLINE.

Event Type

Scheduled Maintenance
 Scheduled Maintenance
 Scheduled Maintenance

Corrective Actions Taken to Minimize Emissions:

PLANT OPERATIONS HAD THE FIELD CLOSE IN WELLS AND OPERATIONS HAD ALL PARTS AND CREWS ONSITE PRIOR TO STARTING MAINTENANCE TO MINIMIZE FLARE VOLUMES AND DURATION

Actions taken to prevent recurrence:

PLANT OPERATIONS HAD THE FIELD CLOSE IN WELLS AND OPERATIONS HAD ALL PARTS AND CREWS ONSITE PRIOR TO STARTING MAINTENANCE TO MINIMIZE FLARE VOLUMES AND DURATION

Emission Start Date	Emission End Date	Duration
5/30/2019 7:18:00 AM	5/30/2019 4:30:00 PM	9:12 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	9:12	1	0 LBS	0	152.10	18.97 LBS/HR	174.57	0.087287	6/1/2019	
H2S	9:12	1	0 LBS	0	14.60	1.02 LBS/HR	9.42	0.00471	6/1/2019	
NOX	9:12	1	0 LBS	0	27.10	2.21 LBS/HR	20.36	0.01018	6/1/2019	
SO2	9:12	1	0 LBS	0	1372.10	94.44 LBS/HR	868.89	0.434446	6/1/2019	
VOC	9:12	1	0 LBS	0	216.70	8.16 LBS/HR	75.08	0.037542	6/1/2019	

Reporting Status: Non-Reportable

NMOCD

Flare Stream Total	Total MCF	EPN	Latitude	Longitude	Reporting Status
668 MCF	836 MCF	RCF FLARE SSM EVENTS	32°43'14.96"	103°11'59.65"	Major Release

LEPC

Total MCF	H2S %	Unit Letter	Section	Township	Range
836	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