

OCCIDENTAL PERMIAN LTD.

NOT ACCEPTED

Event ID: 109489 Reporting Employee: RICHARD ALVARADO
 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:

ON NOVEMBER 09, 2020 AT APPROXIMATELY 09:36 AM THE NORTH HOBBS UNIT EXPERINCED A FLARING EVENT DUE TO FAULTY COMPRESSOR VALVES ON "E" TRAIN. THE FLARING FOR THIS EVENT CEASED ON NOVEMBER 09, 2020 AT APPROXIMATELY 09:58 AM.

Event Type

- Malfunction
- Title V Deviation
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Corrective Actions Taken to Minimize Emissions:

THE FIELD BLOCKED IN SOME GAS AND REPAIRS WERE MADE AND THE UNIT WAS PUT BACK ONLINE.

Actions taken to prevent recurrence:

THE FIELD BLOCKED IN SOME GAS AND REPAIRS WERE MADE AND THE UNIT WAS PUT BACK ONLINE.

Emission Start Date	Emission End Date	Duration
11/9/2020 9:36:00 AM	11/9/2020 9:58:00 AM	0:22 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	0:22	1	0 LBS	0	152.10	82.3 LBS/HR	30.18	0.01509	11/11/2020	
H2S	0:22	1	0 LBS	0	14.60	5.3 LBS/HR	1.94	0.000973	11/11/2020	
NOX	0:22	1	0 LBS	0	27.10	9.59 LBS/HR	3.51	0.00176	11/11/2020	
SO2	0:22	1	0 LBS	0	1372.10	489.54 LBS/HR	179.5	0.089751	11/11/2020	
VOC	0:22	1	0 LBS	0	216.70	42.3 LBS/HR	15.51	0.007756	11/11/2020	

Reporting Status: Non-Reportable

NMOCD

Flare Stream Total	Total MCF	EPN	Latitude	Longitude	Reporting Status
138 MCF	162 MCF	RCF FLARE SSM EVENTS	32°43'14.96"	103°11'59.65"	Minor release

LEPC

Total MCF	H2S %	Unit Letter	Section	Township	Range
162	0.786	H	25	18 S	37 E

Pollutant	Emission rate	Reportable Qty
SO2	179.5 LBS/DAY	500 LBS/DAY
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Reporting Status: Non-reportable

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