

OCCIDENTAL PERMIAN LTD.

Event ID: 97435 **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 LOW INLET RATES CAUSED BY THE THUNDERSTORM.

Event Type

Malfunction
 Malfunction
 Malfunction

Corrective Actions Taken to Minimize Emissions:

OPERATIONS SPOKE WITH THE FIELD TO INCREASE INLET RATES AS SOON AS POSSIBLE TO ELIMINATE THE FLARE.

Actions taken to prevent recurrence:

OPERATIONS SPOKE WITH THE FIELD TO INCREASE INLET RATES AS SOON AS POSSIBLE TO ELIMINATE THE FLARE.

| Emission Start Date | Emission End Date | Duration |
|---------------------|---------------------|------------|
| 9/8/2019 5:49:00 PM | 9/8/2019 6:47:00 PM | 0:58 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 | 0:58 | 1 | 0 LBS | 0 | 152.10 | 51.04 LBS/HR | 49.34 | 0.024673 | 9/8/2019 | |
| H2S | 0:58 | 1 | 0 LBS | 0 | 14.60 | 2.78 LBS/HR | 2.69 | 0.001347 | 9/8/2019 | |
| NOX | 0:58 | 1 | 0 LBS | 0 | 27.10 | 5.95 LBS/HR | 5.75 | 0.002878 | 9/8/2019 | |
| SO2 | 0:58 | 1 | 0 LBS | 0 | 1372.10 | 257 LBS/HR | 248.44 | 0.12422 | 9/8/2019 | |
| VOC | 0:58 | 1 | 0 LBS | 0 | 216.70 | 22.2 LBS/HR | 21.46 | 0.010734 | 9/8/2019 | |

Reporting Status: Non-Reportable

NMOCD

| Flare Stream Total | Total MCF | EPN | Latitude | Longitude | Reporting Status |
|--------------------|-----------|----------------------|--------------|---------------|------------------|
| 191 MCF | 238 MCF | RCF FLARE SSM EVENTS | 32°43'14.96" | 103°11'59.65" | Minor release |

LEPC

| Total MCF | H2S % | Unit Letter | Section | Township | Range |
|-----------|-------|-------------|---------|----------|-------|
| 238 | 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