

OCCIDENTAL PERMIAN LTD.

Event ID:

114564

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:

THE NORTH PLANT EXPERIENCED A FLARING EVENT WHEN OPERATIONS SHUT DOWN "F" TRAIN TO REPAIR A LEAKING COOLANT TUBING LINE.

Corrective Actions Taken to Minimize Emissions:

OPERATIONS WORKED EFFICIENTLY TO GET THE UNIT BACK ONLINE AFTER REPAIRS WERE MADE TO REDUCE FLARING FOR THIS EVENT.

Actions taken to prevent recurrence:

OPERATIONS WORKED EFFICIENTLY TO GET THE UNIT BACK ONLINE AFTER REPAIRS WERE MADE TO REDUCE FLARING FOR THIS EVENT.

Event Type

Scheduled Maintenance
Scheduled Maintenance
Scheduled Maintenance

Emission Start Date	Emission End Date	Duration
6/28/2021 11:32:00 AM	6/28/2021 11:58:00 AM	0:26 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	0:26	1	0 LBS	0	152.10	99.77 LBS/HR	43.23	0.021618	7/13/2021	
H2S	0:26	1	0 LBS	0	14.60	6.05 LBS/HR	2.62	0.001312	7/13/2021	
NOX	0:26	1	0 LBS	0	27.10	11.63 LBS/HR	5.04	0.002521	7/13/2021	
SO2	0:26	1	0 LBS	0	1372.10	558.31 LBS/HR	241.93	0.120969	7/13/2021	
VOC	0:26	1	0 LBS	0	216.70	48.24 LBS/HR	20.9	0.010453	7/13/2021	

Reporting Status: Non-Reportable

NMOCD

Flare Stream Total	Total MCF	EPN	Latitude	Longitude	Reporting Status
186 MCF	223 MCF	RCF FLARE SSM EVENTS	32°43'14.96"	103°11'59.65"	Minor release

LEPC

Total MCF	H2S %	Unit Letter	Section	Township	Range
223	0.786	H	25	18 S	37 E

Pollutant	Emission rate	Reportable Qty
SO2	241.93 LBS/DAY	500 LBS/DAY
SO2	241.93 LBS/DAY	500 LBS/DAY
SO2	241.93 LBS/DAY	500 LBS/DAY

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

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 34183

QUESTIONS

Operator: OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	OGRID: 157984
	Action Number: 34183
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS**Determination of Reporting Requirements**

Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.

Was or is this venting or flaring caused by an emergency or malfunction	No
Did or will this venting or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a notification of a major venting or flaring	Yes, minor venting or flaring of natural gas.
The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.13.29.7 NMAC.	
Was there or will there be at least 50 MCF of natural gas vented or flared during this event	Yes
Did this venting or flaring result in the release of ANY liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No

Unregistered Facility Site

Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (##) yet.

Facility or Site Name	Not answered.
Facility Type	Not answered.

Equipment Involved

Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

Representative Compositional Analysis of Vented or Flared Natural Gas

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	4
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	1
Carbon Dioxide (CO2) percentage, if greater than one percent	0
Oxygen (O2) percentage, if greater than one percent	0
If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.	
Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

Date(s) and Time(s)

Date venting or flaring was discovered or commenced	06/28/2021
Time venting or flaring was discovered or commenced	11:32 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	06/28/2021
Time venting or flaring was terminated	11:58 AM
Total duration of venting or flaring in hours, if venting or flaring has terminated	0
Longest duration of cumulative hours within any 24-hour period during this event	0

Measured or Estimated Volume of Vented or Flared Natural Gas

Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Repair and Maintenance Fitting Natural Gas Flared Spilled: 223 Mcf Recovered: 0 Mcf Lost: 223 Mcf]
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Not answered.
Is this a gas only submission (i.e. only Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

Venting or Flaring Resulting from Downstream Activity

Was or is this venting or flaring a result of downstream activity	Not answered.
Date notified of downstream activity requiring this venting or flaring	Not answered.
Time notified of downstream activity requiring this venting or flaring	Not answered.

Steps and Actions to Prevent Waste

For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	A LEAKING TUBING LINE WAS FOUND AND REPAIRED
Steps taken to limit the duration and magnitude of venting or flaring	THE FIELD CUT BACK 40MM TO REDUCE FLARING FOR THIS EVENT DURING THE REPAIR.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	THE TUBING LINE WAS REPLACED AND THE UNIT WAS PUT BACK ONLINE.

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
system	If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event.	6/29/2021