

# OCCIDENTAL PERMIAN LTD.

Event ID: 111278 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 MARCH 2ND AT APPROXIMATELY 2:41 PM THE NORTH HOBBS PLANT EXPERIENCED A FLARING EVENT DUE TO "A" TRAIN SHUTTING DOWN ON PACKING WATER PRESSURE LOW LOW. FLARING FOR THIS EVENT CEASED ON MARCH 2ND AT APPROXIMATELY 3:55 PM

## Corrective Actions Taken to Minimize Emissions:

THE COMPRESSOR WAS PUT BACK ONLINE AS SOON AS POSSIBLE, WHILE DOWN OPERATIONS NOTICED A COUPLING IN BAD CONDITION. THE COUPLING WAS REPLACED AND THE UNIT WAS PUT BACK ONLINE.

## Actions taken to prevent recurrence:

THE COMPRESSOR WAS PUT BACK ONLINE AS SOON AS POSSIBLE, WHILE DOWN OPERATIONS NOTICED A COUPLING IN BAD CONDITION. THE COUPLING WAS REPLACED AND THE UNIT WAS PUT BACK ONLINE.

## Event Type

Malfunction  
Title V Deviation  
Malfunction  
Title V Deviation  
Malfunction  
Title V Deviation

| Emission Start Date | Emission End Date   | Duration   |
|---------------------|---------------------|------------|
| 3/2/2021 2:41:00 PM | 3/2/2021 3:55:00 PM | 1:14 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        | 1:14             | 1             | 19.35 LBS       | 2                     | 152.10       | 167.79 LBS/HR         | 206.94       | 0.103474      | 3/23/2021          |                      |
| H2S       | 1:14             | 1             | 0 LBS           | 0                     | 14.60        | 10.54 LBS/HR          | 13           | 0.006501      | 3/23/2021          |                      |
| NOX       | 1:14             | 1             | 0 LBS           | 0                     | 27.10        | 19.57 LBS/HR          | 24.13        | 0.012068      | 3/23/2021          |                      |
| SO2       | 1:14             | 1             | 0 LBS           | 0                     | 1372.10      | 972.38 LBS/HR         | 1199.27      | 0.59964       | 3/23/2021          |                      |
| VOC       | 1:14             | 1             | 0 LBS           | 0                     | 216.70       | 84.02 LBS/HR          | 103.63       | 0.051817      | 3/23/2021          |                      |

Reporting Status: Reportable

## NMOCD

| Flare Stream Total | Total MCF | EPN                  | Latitude     | Longitude     | Reporting Status |
|--------------------|-----------|----------------------|--------------|---------------|------------------|
| 922 MCF            | 1092 MCF  | RCF FLARE SSM EVENTS | 32°43'14.96" | 103°11'59.65" | Major Release    |

## LEPC

| Total MCF | H2S % | Unit Letter | Section | Township | Range |
|-----------|-------|-------------|---------|----------|-------|
| 1092      | 0.786 | H           | 25      | 18 S     | 37 E  |

| Pollutant | Emission rate   | Reportable Qty |
|-----------|-----------------|----------------|
| SO2       | 1199.27 LBS/DAY | 500 LBS/DAY    |
| SO2       | 1199.27 LBS/DAY | 500 LBS/DAY    |
| SO2       | 1199.27 LBS/DAY | 500 LBS/DAY    |

Reporting Status: 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  
**District II**  
811 S. First St., Artesia, NM 88210  
**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

|                |                |
|----------------|----------------|
| Incident ID    | NAPP2107050107 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Release Notification

### Responsible Party

|  |                                |
|--|--------------------------------|
| Responsible Party OCCIDENTAL PERMIAN LTD.      | OGRID 157984                   |
| Contact Name Richard Alvarado                  | Contact Telephone 432-209-2659 |
| Contact email <u>Richard_Alvarado2@oxy.com</u> | Incident # (assigned by OCD)   |
| Contact mailing address 1017 W. Stanolind Road |                                |

### Location of Release Source

Latitude 32°43'14.96" Longitude 103°11'59.65"  
(NAD 83 in decimal degrees to 5 decimal places)

|                                    |   |
|------------------------------------|---|
| Site Name NHURCF                   | Site Type OIL AND GAS PRODUCTION FACILITY |
| Date Release Discovered 03/02/2021 | API# (if applicable) N/A                  |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| H           | 25      | 18-S     | 37-E  | LEA    |

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

|   |  |  |
|---|--|--|
| <input type="checkbox"/> Crude Oil              | Volume Released (bbls)   | Volume Recovered (bbls)                                  |
| <input type="checkbox"/> Produced Water         | Volume Released (bbls)   | Volume Recovered (bbls)                                  |
|   | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate             | Volume Released (bbls)   | Volume Recovered (bbls)                                  |
| <input checked="" type="checkbox"/> Natural Gas | Volume Released (Mcf) 1092   | Volume Recovered (Mcf)                                   |
| <input type="checkbox"/> Other (describe)       | Volume/Weight Released (provide units)   | Volume/Weight Recovered (provide units)                  |

#### Cause of Release

ON MARCH 2ND AT APPROXIMATELY 2:41 PM THE NORTH HOBBS PLANT EXPERIENCED A FLARING EVENT DUE TO "A" TRAIN SHUTTING DOWN ON PACKING WATER PRESSURE LOW LOW. FLARING FOR THIS EVENT CEASED ON MARCH 2ND AT APPROXIMATELY 3:55 PM


State of New Mexico  
Oil Conservation Division

|                |                |
|----------------|----------------|
| Incident ID    | NAPP2107050107 |
| District RP    |                |
| Facility ID    |                |
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|   |   |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release?<br>FLARED OVER 500 MFC |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?<br>YES, BY EMAIL         |   |

### Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

|  |                                |
|--|--------------------------------|
| <input checked="" type="checkbox"/> The source of the release has been stopped.<br><input type="checkbox"/> The impacted area has been secured to protect human health and the environment.<br><input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.<br><input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.  |                                |
| If all the actions described above have <u>not</u> been undertaken, explain why:<br><br>Restarted Unit<br><br>STEPS 2-4 WAS NOT APPLICABLE   |                                |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.  |                                |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |                                |
| Printed Name: <u>Richard Alvarado</u>  | Title: <u>HES Specialist</u>   |
| Signature:    | Date: <u>03/11/2021</u>        |
| email: <u>Richard_Alvarado2@oxy.com</u>  | Telephone: <u>432-209-2659</u> |
| <b><u>OCD Only</u></b><br>Received by: <u>Cristina Eads</u> Date: <u>03/11/2021</u>  |                                |

State of New Mexico  
Oil Conservation Division

|                |                |
|----------------|----------------|
| Incident ID    | NAPP2107050107 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |


## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Richard Alvarado Title: HES Specialist  
Signature:  Date: 03/11/2021  
email: Richard\_Alvarado2@oxy.com Telephone: 432-209-2659

**OCD Only**

Received by: Cristina Eads Date: 03/11/2021

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 03/29/2021  
Printed Name: Cristina Eads Title: Environmental Specialist

**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**

CONDITIONS

Action 20560

**CONDITIONS OF APPROVAL**

|  |  |  |                  |                         |                       |
|--|--|--|------------------|-------------------------|-----------------------|
| Operator:<br>OCCIDENTAL PERMIAN LTD      P.O. Box 4294      Houston, TX772104294 |  |  | OGRID:<br>157984 | Action Number:<br>20560 | Action Type:<br>C-141 |
| OCD Reviewer   | Condition  |  |                  |                         |                       |
| ceads  | Please provide GPS coordinates in decimal degrees format in the future |  |                  |                         |                       |