

# OCCIDENTAL PERMIAN LTD.

**Event ID:** 111497 **Reporting Employee:** RICHARD ALVARADO  
**Lease Name:** SOUTH HOBBS UNIT RCF **Account Number:** 33207  
**Equipment:** Plant Inlet **NSR Permit Number:** 5418-R2  
**EPN:** RCF - FLARE - MALF **Title V Permit Number:**  
**EPN Name:** RCF flare - Malfunctions **Reg Lease Number:**  
**Flare Point:** Plant Inlet

## Explanation of the Cause:

THE SOUTH HOBBS PLANT LOST UNIT RCF-ZZZ-20304 ON LUBRICATOR NO FLOW ON THE RIGHT BANK, AND LOST UNIT RCF-ZZZ-22304 ON LOW LOW SUCTION TEMPERATURE SHUTDOWN ALARM CAUSING A FLARING EVENT.

## Event Type

Malfunction  
 Malfunction  
 Malfunction

## Corrective Actions Taken to Minimize Emissions:

UNIT RCF-ZZZ-22304 WAS RESTARTED AND PUT BACK ONLINE, OPERATIONS REPLACED A RUPTURE DISC ON THE LUBRICATOR ON UNIT RCF-ZZZ-20304 AND WAS PUT BACK ONLINE.

## Actions taken to prevent recurrence:

OPERATIONS WORKED EFFECTIVELY AS POSSIBLE TO LOWER THE FLARE VOLUME FOR THIS EVENT.

Emission Start Date	Emission End Date	Duration
3/14/2021 4:36:00 AM	3/14/2021 4:43:00 AM	0:07 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	0:07	1	0 LBS	0	448.60	1325.4 LBS/HR	154.63	0.077315	5/14/2021	
H2S	0:07	1	0 LBS	0	38.90	59.68 LBS/HR	6.96	0.003482	5/14/2021	
NOX	0:07	1	0 LBS	0	79.30	154.58 LBS/HR	18.03	0.009017	5/14/2021	
SO2	0:07	1	0 LBS	0	3659.00	5505.27 LBS/HR	642.28	0.321141	5/14/2021	
VOC	0:07	1	0 LBS	0	520.30	600.12 LBS/HR	70.01	0.035007	5/14/2021	

Reporting Status: Non-Reportable

## NMOCD

Flare Stream Total	Total MCF	EPN	Latitude	Longitude	Reporting Status
619.99 MCF	789.98 MCF	RCF flare - Malfunctions	32°40'40.890	103°9'35.360	Major Release

## LEPC

Total MCF	H2S %	Unit Letter	Section	Township	Range
789.98	0.626	E	09	19 S	39 E

Pollutant	Emission rate	Reportable Qty
SO2	642.28 LBS/DAY	500 LBS/DAY
SO2	642.28 LBS/DAY	500 LBS/DAY
SO2	642.28 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**  
625 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	NAPP2107441380
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 <a href="mailto:Richard_Alvarado2@oxy.com">Richard_Alvarado2@oxy.com</a>	Incident # (assigned by OCD)
Contact mailing address 1017 W. Stanolind Road	

### Location of Release Source

Latitude 32.677667 Longitude -103.157670  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name SHURCF	Site Type OIL AND GAS PRODUCTION FACILITY
Date Release Discovered 03/14/2021	API# (if applicable) N/A

Unit Letter	Section	Township	Range	County
F	9	19-S	38-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) 789.98	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

THE SOUTH HOBBS PLANT LOST UNIT RCF-ZZZ-20304 ON LUBRICATOR NO FLOW ON THE RIGHT BANK, AND LOST UNIT RCF-ZZZ-22304 ON LOW LOW SUCTION TEMPERATURE SHUTDOWN ALARM CAUSING A FLARING EVENT.


State of New Mexico  
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?  FLARED OVER 500 MCF.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? A NOTIFICATION WAS GIVEN 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.	
<input type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<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:  Restarted Unit  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>03/15/2021</u>
email: <u>Richard_Alvarado2@oxy.com</u>	Telephone: <u>432-209-2659</u>
<b>OCD Only</b>	
Received by: <u>Cristina Eads</u>	Date: <u>03/15/2021</u>

Received by OCD: 3/15/2021 11:33:15 AM

Released to Imaging: 3/29/2021 11:22:14 AM

State of New Mexico  
Oil Conservation Division

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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: [Signature] Date: 03/15/2021  
email: Richard\_Alvarado2@oxy.com Telephone: 432-209-2659

OCD Only

Received by: Cristina Eads Date: 03/15/2021

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: [Signature] Date: 03/29/2021  
Printed Name: Cristina Eads Title: Environmental Specialist

Received by OCD: 3/15/2021 11:33:54 AM

Released to Imaging: 3/29/2021 11:22:14 AM

**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 20773

**CONDITIONS OF APPROVAL**

Operator:	OCCIDENTAL PERMIAN LTD	P.O. Box 4294	Houston, TX772104294	OGRID:	157984	Action Number:	20773	Action Type:	C-141
OCD Reviewer	Condition								
ceads	None								