

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 | NAPP2106153207 |
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| | | | |
|-------------------------|----------------------------------|------------------------------|----------------|
| Responsible Party | OXY USA, INC | OGRID | 16696 |
| Contact Name | Wade Dittrich | Contact Telephone | (575) 390-2828 |
| Contact email | wade_dittrich@oxy.com | Incident # (assigned by OCD) | |
| Contact mailing address | P.O. Box 4294, Houston, TX 77210 | | |

Location of Release Source

Latitude 32.218889 Longitude -103.609167
(NAD 83 in decimal degrees to 5 decimal places)

| | | | |
|-------------------------|---------------------------------|-----------|--------------|
| Site Name | OPLTS Copperhead 18 State 1 CTB | Site Type | Tank Battery |
| Date Release Discovered | 2/24/2021 | API# | N/A |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| G | 18 | 24S | 33E | 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 checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 12 | Volume Recovered (bbls) 12 |
| | 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 type="checkbox"/> Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release

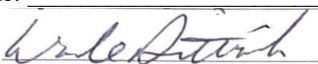
Water inlet line valve was closed casing a produced water release from the top of skim tank.

| | |
|----------------|----------------|
| Incident ID | NAPP2106153207 |
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| Facility ID | |
| Application ID | |

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

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 checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" 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: | |
| 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>Wade Dittrich</u> | Title: <u>Environmental Coordinator</u> |
| Signature: <u></u> | Date: <u>03/02/2021</u> |
| email: <u>wade_dittrich@oxy.com</u> | Telephone: <u>(575) 390-2828</u> |
| <u>OCD Only</u> | |
| Received by: <u>Ramona Marcus</u> | Date: <u>5/9/2021</u> |

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

NAPP2106153207

Location of spill:

Oxy COPPERHEAD 18 STATE 1 CTB

(32.218889,-103.609167)

Date of Spill:

2/24/2021

Site Soil Type:

BE - Berino-Cacique loamy fine sands association
MN - Ratliff-Wink fine sandy loams

Estimated Daily Production Loss: 0 BBL Oil 12 BBL Water

Total Area Calculations

| Total Surface Area | width | | length | | wet soil depth | oil (%) |
|--------------------|----------|---|---------|---|----------------|---------|
| Rectangle Area #1 | 100.0 ft | X | 50.0 ft | X | 0.0 in | 0% |
| Rectangle Area #2 | ft | X | ft | X | in | 0% |
| Rectangle Area #3 | ft | X | ft | X | in | 0% |
| Rectangle Area #4 | ft | X | ft | X | in | 0% |
| Rectangle Area #5 | ft | X | ft | X | in | 0% |
| Rectangle Area #6 | ft | X | ft | X | in | 0% |
| Rectangle Area #7 | ft | X | ft | X | in | 0% |
| Rectangle Area #8 | ft | X | ft | X | in | 0% |

Porosity 0.160 gal per gal

Saturated Soil Volume Calculations:

| | | H2O | OIL |
|----------------------------|---------------|---------|---------|
| Area #1 | 5,000 sq. ft. | cu. ft. | cu. ft. |
| Area #2 | 0 sq. ft. | cu. ft. | cu. ft. |
| Area #3 | 0 sq. ft. | cu. ft. | cu. ft. |
| Area #4 | 0 sq. ft. | cu. ft. | cu. ft. |
| Area #5 | 0 sq. ft. | cu. ft. | cu. ft. |
| Area #6 | 0 sq. ft. | cu. ft. | cu. ft. |
| Area #7 | 0 sq. ft. | cu. ft. | cu. ft. |
| Area #8 | 0 sq. ft. | cu. ft. | cu. ft. |
| Total Solid/Liquid Volume: | 5,000 sq. ft. | cu. ft. | cu. ft. |

Estimated Volumes Spilled

| | H2O | OIL |
|---------------------|----------|---------|
| Liquid in Soil: | 0.0 BBL | 0.0 BBL |
| Liquid Recovered : | 12.0 BBL | 0.0 BBL |
| Spill Liquid | 12.0 BBL | 0.0 BBL |
| Total Spill Liquid: | 12.0 | |

Recovered Volumes

Estimated oil recovered: 0.0 BBL
 Estimated water recovered: 12.0 BBL

| Soil Type | Porosity |
|-------------------|----------|
| Clay | 0.15 |
| Peat | 0.40 |
| Glacial Sediments | 0.13 |
| Sandy Clay | 0.12 |
| Silt | 0.16 |
| Loess | 0.25 |
| Fine Sand | 0.16 |
| Medium Sand | 0.25 |
| Coarse Sand | 0.26 |
| Gravelly Sand | 0.26 |
| Fine Gravel | 0.26 |
| Medium Gravel | 0.25 |
| Coarse Gravel | 0.18 |
| Sandstone | 0.25 |
| Siltstone | 0.18 |
| Shale | 0.05 |
| Limestone | 0.13 |
| Basalt | 0.19 |
| Volcanic Tuff | 0.20 |
| Standing Liquids | |

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(NAD 83 in decimal degrees to 5 decimal places)

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|-------------------------|---------------------------------|-----------|--------------|
| Site Name | OPLTS Copperhead 18 State 1 CTB | Site Type | Tank Battery |
| Date Release Discovered | 2/24/2021 | API# | N/A |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| G | 18 | 24S | 33E | 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)

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|--|--|--|
| <input type="checkbox"/> Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 12 | Volume Recovered (bbls) 12 |
| | 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 type="checkbox"/> Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release


Water inlet line valve was closed casing a produced water release from the top of skim tank.

| | |
|----------------|----------------|
| Incident ID | NAPP2106153207 |
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| Facility ID | |
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| | |
|---|--|
| Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release? |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? | |

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 checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" 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: | |
| 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>Wade Dittrich</u> | Title: <u>Environmental Coordinator</u> |
| Signature: <u></u> | Date: <u>03/02/2021</u> |
| email: <u>wade_dittrich@oxy.com</u> | Telephone: <u>(575) 390-2828</u> |
| <u>OCD Only</u> | |
| Received by: _____ | Date: _____ |

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

Location of spill:

Oxy COPPERHEAD 18 STATE 1 CTB

(32.218889,-103.609167)

Date of Spill:

2/24/2021

Site Soil Type:

BE - Berino-Cacique loamy fine sands association
MN - Ratliff-Wink fine sandy loams

Estimated Daily Production Loss: 0 BBL Oil 12 BBL Water

Total Area Calculations

| Total Surface Area | width | | length | | wet soil depth | oil (%) |
|--------------------|----------|---|---------|---|----------------|---------|
| Rectangle Area #1 | 100.0 ft | X | 50.0 ft | X | 0.0 in | 0% |
| Rectangle Area #2 | ft | X | ft | X | in | 0% |
| Rectangle Area #3 | ft | X | ft | X | in | 0% |
| Rectangle Area #4 | ft | X | ft | X | in | 0% |
| Rectangle Area #5 | ft | X | ft | X | in | 0% |
| Rectangle Area #6 | ft | X | ft | X | in | 0% |
| Rectangle Area #7 | ft | X | ft | X | in | 0% |
| Rectangle Area #8 | ft | X | ft | X | in | 0% |

Porosity 0.160 gal per gal

Saturated Soil Volume Calculations:

| | | H2O | OIL |
|----------------------------|---------------|---------|---------|
| Area #1 | 5,000 sq. ft. | cu. ft. | cu. ft. |
| Area #2 | 0 sq. ft. | cu. ft. | cu. ft. |
| Area #3 | 0 sq. ft. | cu. ft. | cu. ft. |
| Area #4 | 0 sq. ft. | cu. ft. | cu. ft. |
| Area #5 | 0 sq. ft. | cu. ft. | cu. ft. |
| Area #6 | 0 sq. ft. | cu. ft. | cu. ft. |
| Area #7 | 0 sq. ft. | cu. ft. | cu. ft. |
| Area #8 | 0 sq. ft. | cu. ft. | cu. ft. |
| Total Solid/Liquid Volume: | 5,000 sq. ft. | cu. ft. | cu. ft. |

Estimated Volumes Spilled

| | H2O | OIL |
|---------------------|----------|---------|
| Liquid in Soil: | 0.0 BBL | 0.0 BBL |
| Liquid Recovered : | 12.0 BBL | 0.0 BBL |
| Spill Liquid | 12.0 BBL | 0.0 BBL |
| Total Spill Liquid: | 12.0 | |

Recovered Volumes

Estimated oil recovered: 0.0 BBL
 Estimated water recovered: 12.0 BBL

| Soil Type | Porosity |
|-------------------|----------|
| Clay | 0.15 |
| Peat | 0.40 |
| Glacial Sediments | 0.13 |
| Sandy Clay | 0.12 |
| Silt | 0.16 |
| Loess | 0.25 |
| Fine Sand | 0.16 |
| Medium Sand | 0.25 |
| Coarse Sand | 0.26 |
| Gravelly Sand | 0.26 |
| Fine Gravel | 0.26 |
| Medium Gravel | 0.25 |
| Coarse Gravel | 0.18 |
| Sandstone | 0.25 |
| Siltstone | 0.18 |
| Shale | 0.05 |
| Limestone | 0.13 |
| Basalt | 0.19 |
| Volcanic Tuff | 0.20 |
| Standing Liquids | |

Trinity Oilfield Services & Rentals, LLC



April 22, 2021

Oil Conservation Division, District I
1625 N. French Drive
Hobbs, New Mexico 88240

Re: Closure Report
OPLTS Copperhead 18 State 1 CTB
Incident ID: NAPP2106153207

To Whom it May Concern,

Trinity Oilfield Services (Trinity), on behalf of OXY USA Inc. (OXY), hereby submits the following closure report in response to a release that occurred at the above referenced location, further described below.

| Site Information | |
|-------------------------|---------------------------------|
| Incident ID | NAPP2106153207 |
| Site Name | OPLTS Copperhead 18 State 1 CTB |
| Company | OXY USA INC |
| County | Lea County, NM |
| ULSTR | G-18-24S-33E |
| GPS Coordinates (NAD83) | 32.218889, -103.609167 |
| Landowner | State of NM |

BACKGROUND & RELEASE CHARACTERIZATION

On February 24, 2021, OXY USA, Inc. (OXY), discovered a release at the Copperhead 18 State 1 CTB. A water inlet line valve was closed due to human error during normal operations, causing produced water to leak from the top of the skim tank, resulting in the release of approximately 12 bbls of produced water. The entire release was in a lined containment, and no produced water escaped the container. During initial response activities, the inlet line valve was opened, and a vacuum truck was utilized to recover approximately 12 bbls of free-standing liquid. The release affected an area in a lined container, measuring approximately 5000 sq. ft.

| Release Information | |
|---------------------|----------------------------|
| Date of Release | 2/24/2021 |
| Type of Release | Produced Water |
| Source of Release | Top of Skim Tank |
| Volume Released | 12 bbls |
| Volume Recovered | 12 bbls |
| Affected Area | Lined & Contained Facility |

REMEDIATION ACTIVITIES

This release was contained within a lined and contained facility, the liner was cleaned with a pressure washer. Upon inspection the liner is found to be in satisfactory condition.

| Remediation Summary | |
|-------------------------------|---------------------------|
| Remediation Dates | 4/15/2021 |
| Liner Inspection Notification | email to OCD on 4/15/2021 |

CLOSURE REQUEST

Trinity Oilfield Services respectfully requests that the New Mexico Oil Conservation Division grant closure approval for the OPLTS Copperhead 18 State 1 CTB that occurred on February 24, 2021 (Incident ID NAPP2106153207).

| Supporting Documentation | |
|---------------------------------------|---------------------|
| Initial C-141 with Spill Calculations | Signed and Attached |
| C-141, page 6 | Signed and Attached |
| Site Diagram | Attached |
| Liner Inspection Form | Signed and Attached |
| Pictures | Attached |

Should you have any questions or concerns on the closure report, please do not hesitate to contact me.


Sincerely,

Dan Dunkelberg
Environmental Coordinator

Copperhead 18 State 1 CTB

Release Date: 2/24/2021
Lea Co., NM
32.218889,-103.609167

Legend

 Spill Area



Google Earth



Facing North

Before:



After:



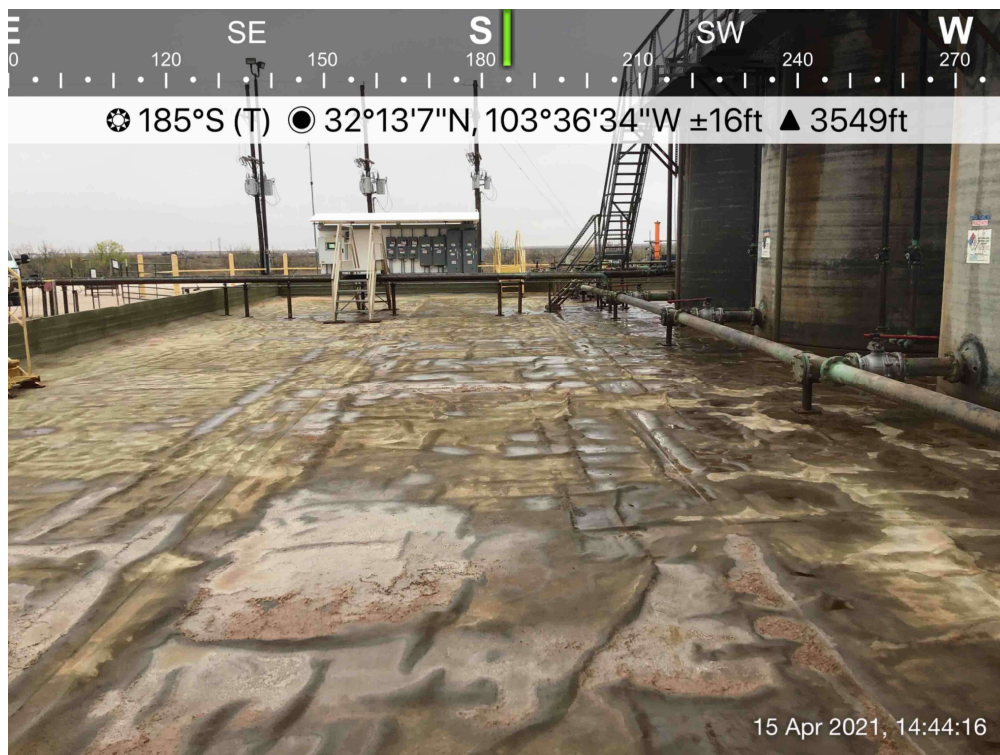


Facing South

Before:



After:



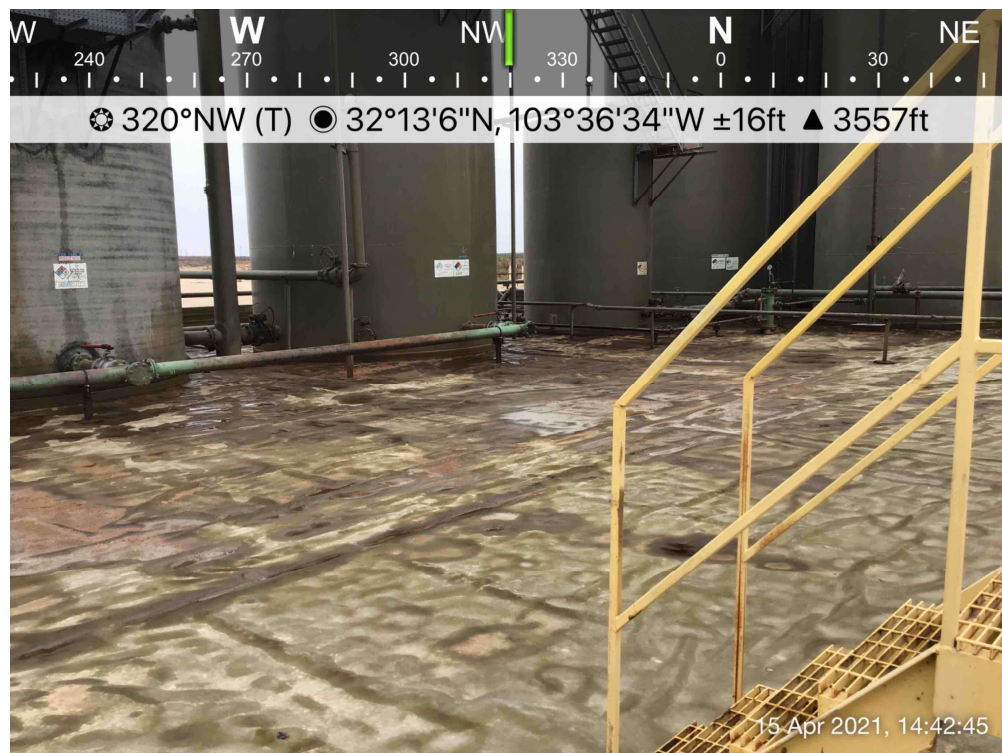


Facing West

Before:



After:



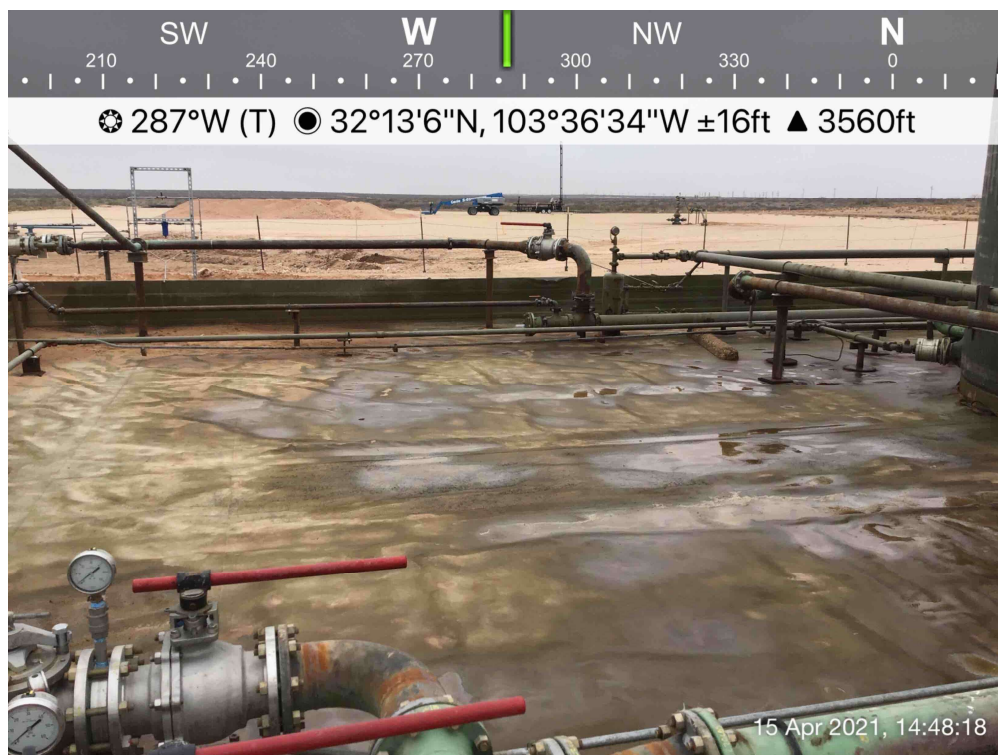


Facing East

Before:



After:



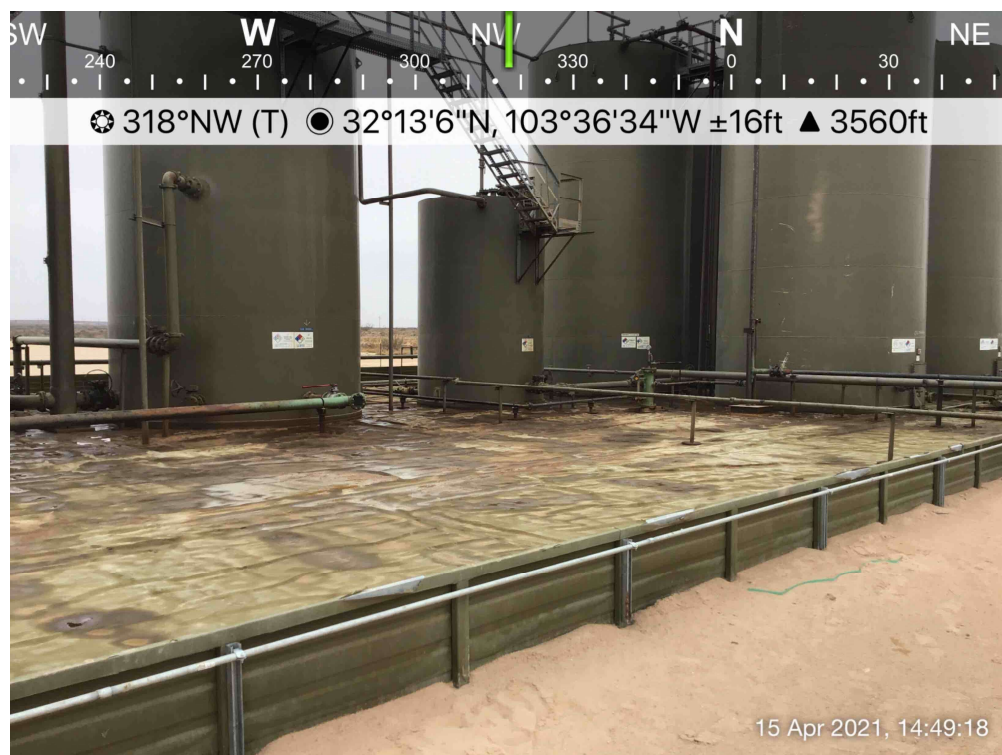


North West

Before:



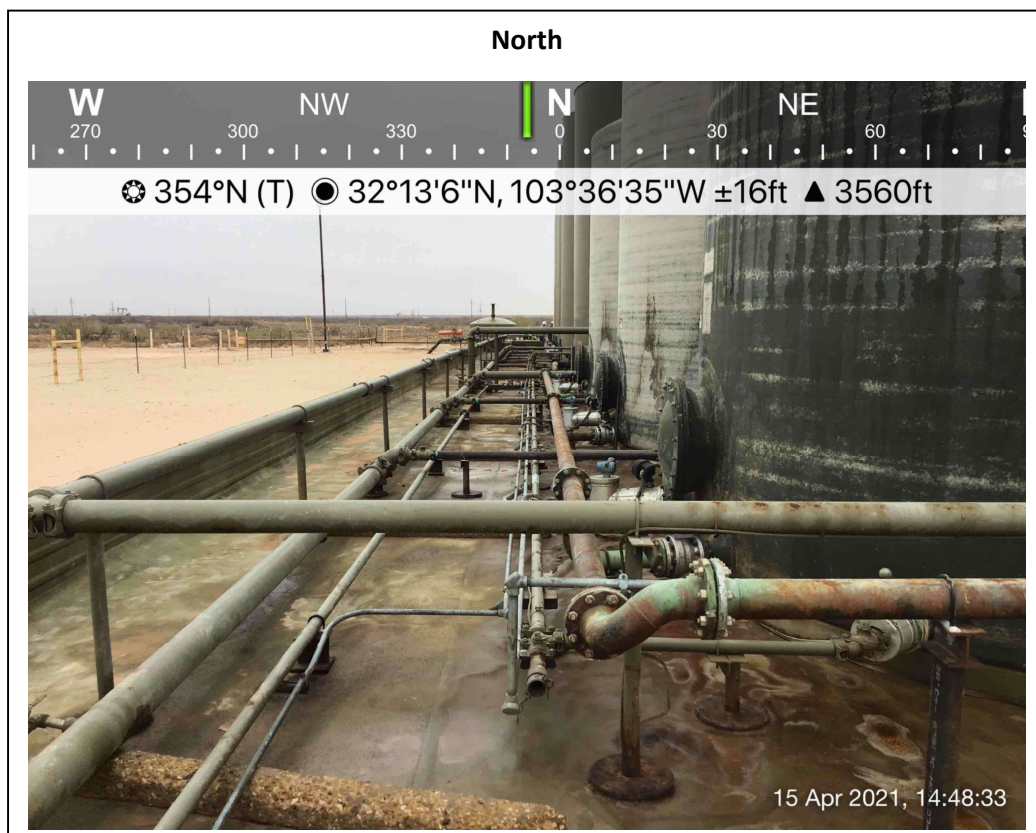
Before:



15 Apr 2021, 14:49:18



Further Clean Photos



Liner Inspection Form

Date: April 19, 2020

Time: 16:30 hours

Weather Conditions: Partly Cloudy and Cool

Operator: OXY USA, INC

Facility Name: OPLTS Copperhead 18 State 1 CTB

Reason for Inspection: Release contained within a lined and contained facility, the liner was cleaned with a pressure washer. Upon inspection the liner is found to be in satisfactory condition

Observations: (include condition of containment berm, liner, and apparent condition of equipment within the containment area. Are there fluids within the containment? If yes, the estimated quantity of fluids and type of fluids. Also make note of any debris that needs to be removed from the containment)

At the time of inspection, it was noted that the liner material used at the OPLTS Copperhead 18 State 1 CTB containment is typical 20-mil reinforced liner typical of the material used in oilfield containment structures. The overall condition of the liner was good, and no defects or holes were observed. No significant debris was observed in the containment area.

Repairs Required: No repairs to the liner are required.

Signature of Inspector: _____



| | |
|----------------|----------------|
| Incident ID | NAPP2106153207 |
| 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: Wade Dittrich

Title: Environmental Coordinator

Signature: 

Date: 04/22/2021

email: wade_dittrich@oxy.com

Telephone: (575) 390-2828

OCD Only

Received by: Chad Hensley

Date: 06/18/2021

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: 06/18/2021

Printed Name: Chad Hensley

Title: Environmental Specialist Advanced

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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 25101

CONDITIONS

| | |
|--|---|
| Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294 | OGRID: 16696 |
| | Action Number: 25101 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| | | |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| chensley | None | 6/18/2021 |