

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

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ARTESIA DISTRICT

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

DEC 27 2017

State of New Mexico  
Energy Minerals and Natural Resources

DEC 27 2017

Form C-141  
Revised April 3, 2017

RECEIVED

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

RECEIVED

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

**Release Notification and Corrective Action**

NAB18005534125		<b>OPERATOR</b>		<input checked="" type="checkbox"/> Initial Report	<input type="checkbox"/> Final Report
Name of Company OXY USA INC		Contact WADE DITTRICH			
Address PO BOX 4294; HOUSTON, TX 77210		Telephone No. 575-390-2828			
Facility Name LOST TANK 33 FEDERAL #2 SWD		Facility Type SWD			
Surface Owner FEDERAL		Mineral Owner FEDERAL		API No. 30-015-29330	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	33	21S	31E	330	SOUTH	510	WEST	EDDY

Latitude ~~32.2166~~ 32.428680 Longitude ~~-103.1756~~ -103.789610 NAD83

**NATURE OF RELEASE**

Type of Release PRODUCED WATER	Volume of Release .5 BBL OIL 110 BBLs PRODUCED WATER	Volume Recovered TBD
Source of Release TANKS OVERFLOWED	Date and Hour of Occurrence 10/30/2017	Date and Hour of Discovery 10/30/2017
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? MIKE BRATCHER-NMOC; CRYSTAL WEAVER-NMOC; SHELLY TUCKER-BLM	
By Whom? WADE DITTRICH	Date and Hour 10/30/2017 @ 4:10 PM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

Tank overflowed due to automation error. A Backhoe was used to clean up initial area to prevent traffic from extending the affected area. The issue was corrected and returned to service.

Describe Area Affected and Cleanup Action Taken.\*

Affected area of the spill is approximately 150x150 ft (measurements are subject to change with GPS tracking). Remediation will be completed in accordance with a remediation plan approved by the NMOC and the BLM.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC 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 NMOC marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOC 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.

Signature: <i>Waide Ditttrich</i>		<b>OIL CONSERVATION DIVISION</b>	
Printed Name: WADE DITTRICH		Approved by Environmental Specialist: <i>Crystal W</i>	
Title: ENVIROMENTAL COORDINATOR		Approval Date: 11/5/18	Expiration Date: N/A
E-mail Address: wade_ditttrich@oxy.com		Conditions of Approval: <i>see attached</i>	
Date: 12/27/2017	Phone: 575-390-2828	Attached <input checked="" type="checkbox"/> <i>APP. 4543</i>	

11/21/18 AB

Operator/Responsible Party,

The OCD has received the form C-141 you provided on **12/27/17** regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number ARP-4542 has been assigned. **Please refer to this case number in all future correspondence.**

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

*The responsible person shall complete division-approved corrective action for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]*

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. **As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District II office in Artesia on or before 1/27/18. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.**

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C<sub>6</sub> thru C<sub>36</sub>), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C<sub>6</sub> thru C<sub>36</sub>), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

**Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.**

**Jim Griswold**

OCD Environmental Bureau Chief

1220 South St. Francis Drive

Santa Fe, New Mexico 87505

505-476-3465

[jim.griswold@state.nm.us](mailto:jim.griswold@state.nm.us)

## Weaver, Crystal, EMNRD

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**From:** Wade\_Dittrich@oxy.com  
**Sent:** Wednesday, December 27, 2017 1:18 PM  
**To:** Weaver, Crystal, EMNRD; stucker@blm.gov  
**Cc:** Bratcher, Mike, EMNRD; ben@trinityoilfieldservices.com; duskie@trinityoilfieldservices.com; Jennifer\_Smith@oxy.com  
**Subject:** RE: Lost Tank 3 Fed. 2 SWD  
**Attachments:** Initial and Signed C141.pdf

Crystal,

Here is the corrected C141 for this spill. Sorry about all the confusion. Thank you.

Wade Dittrich  
**Environmental Specialist**  
**Oxy Permian-New Mexico**  
575-390-2828 cell  
575-397-8214 office  
**Wade\_Dittrich@Oxy.com**

**From:** Weaver, Crystal, EMNRD [mailto:Crystal.Weaver@state.nm.us]  
**Sent:** Wednesday, December 27, 2017 12:32 PM  
**To:** Tucker, Shelly <stucker@blm.gov>; Dittrich, John W <Wade\_Dittrich@oxy.com>  
**Cc:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Ben J. Arguijo <ben@trinityoilfieldservices.com>; duskie@trinityoilfieldservices.com; Smith, Jennifer A <Jennifer\_Smith@oxy.com>  
**Subject:** [EXTERNAL] RE: Lost Tank 3 Fed. 2 SWD

Hello all,

Even though the titling of the email says the release was for Lost Tank 3 Federal #2 SWD it was actually for Lost Tank 33 Federal SWD #2, if I am not mistaken. A C-141 form was submitted back on 11/21/17 and OCD rejected it on 11/27/17 due to the form having inconsistencies that caused for OCD to be unable to process it. Wade offered to resubmit a corrected one on 11/27/17 but to my knowledge that has not yet been received.

Please resubmit this form by no later than 1/2/18.

Thank you,

**Crystal Weaver**  
Environmental Specialist  
OCD – Artesia District II  
811 S. 1<sup>st</sup> Street  
Artesia, NM 88210  
Office: 575-748-1283 ext. 101  
Cell: 575-840-5963  
Fax: 575-748-9720

**From:** Tucker, Shelly [<mailto:stucker@blm.gov>]  
**Sent:** Wednesday, December 27, 2017 12:22 PM  
**To:** Wade Dittrich <[Wade\\_Dittrich@oxy.com](mailto:Wade_Dittrich@oxy.com)>  
**Cc:** Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>; Weaver, Crystal, EMNRD <[Crystal.Weaver@state.nm.us](mailto:Crystal.Weaver@state.nm.us)>; Ben J. Arguijo <[ben@trinityoilfieldservices.com](mailto:ben@trinityoilfieldservices.com)>; [duskie@trinityoilfieldservices.com](mailto:duskie@trinityoilfieldservices.com); [Jennifer\\_Smith@oxy.com](mailto:Jennifer_Smith@oxy.com)  
**Subject:** Re: Lost Tank 3 Fed. 2 SWD

Also, have you submitted a C-141?

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

*Shelly J Tucker*

Environmental Protection Specialist  
O&G Spill/Release Coordinator

Bureau of Land Management  
620 E. Greene St  
Carlsbad, NM 88220

575.234.5905 - Direct  
575.361.0084 - Cellular  
575.234.6235 - Emergency Spill Number

[stucker@blm.gov](mailto:stucker@blm.gov)

The **BLM acceptance/approval does not** relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.

**Confidentiality Warning:** This message along with any attachments are intended only for use of the individual or entity to which it is addressed and may contain information that is privileged or confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately.

On Wed, Nov 15, 2017 at 7:51 AM, <[Wade\\_Dittrich@oxy.com](mailto:Wade_Dittrich@oxy.com)> wrote:

Correction.

All,

This is to inform you that Oxy Permian had a **Reportable** release in **Eddy County** at the **Lost Tank 33 Federal 2 SWD** on **10/30/2017**.

- **Release Location:** Legal -33-21S-31E, API: 30-015-29330
- **Release Volume:** .5 bbls of Oil and 110 bbls of Produced Water.
- **Recovered:** TBD- bbls recovered
- **Cause of Release:** Tanks overflowed inside berm and onto pad and off location
- **Approximate Area impacted by release:** 150x150, 100x100(measurements are subject to change with GPS tracking)

- **GPS Coordinates and Driving Direction: 32.428630 , -103.789610** OFF OF HWY 128 ON WHIPP RD GO NORTH TO GOVERNMENT FACILITY, GO 4-5 MILES. GO 1/4 MILE PAST MILE MARKER 4 TURN LEFT AT UP RIGHTS. AT CATTLEGUARD TURN RIGHT, AT 1ST BATTERY GO WEST, SWD IS 300 YDS PAST 4-1 BATTERY

Please let me know if you have any questions.

Wade Dittrich  
**Environmental Specialist**  
**Oxy Permian-New Mexico**  
 575-390-2828 cell  
 575-397-8214 office  
[Wade\\_Dittrich@Oxy.com](mailto:Wade_Dittrich@Oxy.com)

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**From:** Dittrich, John W  
**Sent:** Monday, October 30, 2017 3:10 PM  
**To:** 'Bratcher, Mike, EMNRD' <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>; 'Weaver, Crystal, EMNRD' <[Crystal.Weaver@state.nm.us](mailto:Crystal.Weaver@state.nm.us)>  
**Cc:** Ben J. Arguijo <[ben@trinityoilfieldservices.com](mailto:ben@trinityoilfieldservices.com)>; Duskie Bennett <[duskie@trinityoilfieldservices.com](mailto:duskie@trinityoilfieldservices.com)>; 'stucker@blm.gov' <[stucker@blm.gov](mailto:stucker@blm.gov)>; Smith, Jennifer A <[Jennifer\\_Smith@oxy.com](mailto:Jennifer_Smith@oxy.com)>  
**Subject:** Lost Tank 3 Fed. 2 SWD

All,  
 This is to inform you that Oxy Permian had a **Reportable** release in **Eddy County** at the **Lost Tank 33 Federal 2 SWD** on **10/30/2017**.

- **Release Location:** Legal -33-21S-31E, API: 30-015-29330
- **Release Volume:** 0 bbls of Oil and 75 bbls of Produced Water.
- **Recovered:** TBD- bbls recovered
- **Cause of Release:** Tanks overflowed inside berm
- **Approximate Area impacted by release:** 150x150 (measurements are subject to change with GPS tracking)
- **GPS Coordinates and Driving Direction: 32.428630 , -103.789610** OFF OF HWY 128 ON WHIPP RD GO NORTH TO GOVERNMENT FACILITY, GO 4-5 MILES. GO 1/4 MILE PAST MILE MARKER 4 TURN LEFT AT UP RIGHTS. AT CATTLEGUARD TURN RIGHT, AT 1ST BATTERY GO WEST, SWD IS 300 YDS PAST 4-1 BATTERY

Please let me know if you have any questions.

Wade Dittrich  
**Environmental Specialist**  
**Oxy Permian-New Mexico**  
 575-390-2828 cell  
 575-397-8214 office  
[Wade\\_Dittrich@Oxy.com](mailto:Wade_Dittrich@Oxy.com)