

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

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

Form C-141  
Revised August 8, 2011

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

### Release Notification and Corrective Action

#### OPERATOR

☒ Initial Report ☐ Final Report

|   |   |
|---|---|
| Name of Company: HollyFrontier Transportation LLC | Contact: Katharine E. Boyer                   |
| Address 413 West Arco Rd Hobbs NM 88240           | Telephone No. 214-954-6515 Cell: 918-510-6326 |
| Facility Name: Hobbs 571                          | Facility Type: Crude Unload Station           |

|   |                    |             |
|---|--------------------|-------------|
| Surface Owner Enterprise Crude Pipeline | Mineral Owner: Fee | API No. N/A |
|---|--------------------|-------------|

#### LOCATION OF RELEASE

|                    |               |                    |               |               |                         |               |                       |               |
|--------------------|---------------|--------------------|---------------|---------------|-------------------------|---------------|-----------------------|---------------|
| Unit Letter<br>C-D | Section<br>22 | Township<br>T-19-S | Range<br>R38E | Feet from the | North/South Line<br>N/A | Feet from the | East/West Line<br>N/A | County<br>Lea |
|--------------------|---------------|--------------------|---------------|---------------|-------------------------|---------------|-----------------------|---------------|

Latitude: 32.65259

Longitude: -103.13981

#### NATURE OF RELEASE

|   |   |   |
|---|---|---|
| Type of Release: Crude Oil  | Volume of Release: App. 97 BBL  | Volume Recovered: 35BBLs                            |
| Source of Release: The Xcalibur truck driver did not read tank gauges before unloading his truck and overfilled one of the receiving aboveground tanks at the facility. | Date and Hour of Occurrence<br>12/23/2017 @ 4: 17 AM MT   | Date and Hour of Discovery<br>12/23/2017 @ 04:17 MT |
| Was Immediate Notice Given?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required                                | If YES, To Whom?<br>Oil Conservation Division- Hobbs, New Mexico<br>New Mexico Environmental Department |   |
| By Whom? HollyFrontier Transportation LLC on behalf of Xcalibur   | Date and Hour<br>12/23/2017 @ approximately 5:30 PM MT  |   |
| Was a Watercourse Reached?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   | If YES, Volume Impacting the Watercourse.   |   |
| If a Watercourse was Impacted, Describe Fully.* N/A   |   |   |

**RECEIVED**  
*By Olivia Yu at 3:50 pm, Jan 11, 2018*

#### Describe Cause of Problem and Remedial Action Taken.\*

An Xcalibur driver called the HollyFrontier Transportation (HF Transportation) Hotline on December 23<sup>rd</sup>, at 4:17 AM MT and communicated that there had been a spill of crude oil at the HF Transportation 571 Unload Station located just South of Hobbs, NM that occurred at 4:17 AM MT that morning. The HF Transportation operator arrived at 8:20 AM MT to investigate the spill. The spill consisted of approximately 97 BBLs of crude oil that had overflowed from an aboveground tank during delivery, all of which was contained within the secondary tank containment berm. One to five gallons of crude sprayed outside the containment.

Upon further investigation, the primary root cause of the release was found to be that the driver had not properly checked the aboveground tank level to ensure sufficient capacity remained in the tank to allow for the entire delivery to be unloaded into the tank.

As noted above, the spill was confined within the secondary tank containment berm, and remedial actions were subsequently initiated and are underway by Xcalibur.

#### Describe Area Affected and Cleanup Action Taken.\*

The spill was largely contained inside the tank berm, with only one to five gallons of crude sprayed outside of the containment. Xcalibur is currently undertaking clean-up of the spill and keeping HF Transportation informed of clean-up progress. The small spill outside of the tank berm has been remediated.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD 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, NMOCD 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>Katharine E. Boyer</i>              |  | <u>OIL CONSERVATION DIVISION</u>                  |  |
| Printed Name: Katharine E. Boyer                  |  | Approved by Environmental Specialist: <i>gy</i>   |  |
| Title: EHS Manager-Asphalt Logistics              |  | Approval Date: 1/11/2018                          | Expiration Date:                             |
| E-mail Address: Katharine.Boyer@HollyFrontier.com |  | Conditions of Approval:<br>see attached directive | Attached <input checked="" type="checkbox"/> |
| Date: 1/09/2018 Phone: 214-954-6515               |  |   |  |

\* Attach Additional Sheets If Necessary

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1RP-4926

nOY1801157482

pOY1801159315

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 1/11/2018 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 1RP-4926 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 1 office in Hobbs on or before 2/11/2018. 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**

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