



October 10, 2016

Colorado Oil and Gas Conservation Commission  
1120 Lincoln Street, Suite 801  
Denver, CO 80202

**RE: Incident Review**  
Extraction Oil & Gas, LLC  
Troudt Pad

Dear Mr. Leonard,

**Background:**

Extraction Oil & Gas (Extraction) has environmental controls installed at the Troudt facility whereby all truck loadout procedures are controlled for emissions reductions. During loadout, trucks are required to hook into a vapor collection system which is routed to an emissions control device (ECD) for combustion.

**Summary:**

On 08/25/2016 at approximately 05:45 PM, a third party oil hauler had completed the oil purchasing procedure on the Troudt Pad for the run ticket and had begun loading the first compartment of his trailer. During the loading process the driver was distracted from his trailer gauges and failed to open the second compartment. This failure caused the front compartment to overfill and the excess oil to flow down the vent line, through the vapor recovery system. These sequence of events caused the ECD to flare up and catch fire. The site personnel immediately asked him to push the emergency shut down switch while he alerted 911, the hauler proceeded to unhook from the vapor recovery system and getty box to evacuate the tractor trailer from the facility. Upon arrival, the Frederick Fire Dept. was able to contain the fire without further damage.

**Facts:**

- Third party haulers and Extraction have a strict policy in place for loading and unloading at well sites and offload facilities.
- The driver was familiar with the Troudt location as it has been his primary run over several months.
- The driver failed to adhere to loading procedures which require you to stay with any/all equipment while in use.
- The immediate and appropriate direction from the site personnel and quick action of the driver helped mitigate the severity of the fire.

**Actions:**

- Hauler had an 'all hands' safety stand down within 48hrs of the incident to discuss the situation with all drivers.
- Hauler will augment training procedures (new hire, monthly, audits) to include emission controlled unloading practices.
- Hauler will inspect equipment to ensure adequate overflow protection and make modifications where necessary.
- Extraction held an all hands meeting with all haulers (oil and water) to discuss safe unloading practices and expectations for emission controlled locations.
- Extraction revisited expectations for haulers and operators during safety meetings.
- Extraction immediately modified all locations equipped with emission controlled loadouts with a float valve in the drip pot to prevent any liquids from reaching the ECD.
- Extraction has added and tested a restricting plate at emissions controlled locations to control the flow of gas to the ECD.

Please let me know if you have any further questions as to the nature of the incident or the corrective actions taken to prevent such an incident in the future.

Sincerely,



Josh Carlisle  
Environmental Supervisor  
Extraction Oil & Gas, LLC