

Supplemental Release Report

Initial notification of the release to the NT-NU 24 Spill Report Line and the NEB's Online Event Reporting System was completed at the time of the release. This report is a supplement to the initial report.

General Information			
NT-NU 24 Spill Report #	19-119	NEB Incident #	INC2019-035
Incident Date:	December 28, 2019	Time: 2:00 pm	am <input type="checkbox"/> pm <input checked="" type="checkbox"/>
Incident Location: Central Processing Facility <input type="checkbox"/> Bear Island <input checked="" type="checkbox"/> Goose Island <input type="checkbox"/> Mainland <input type="checkbox"/> Other <input type="checkbox"/> – If other, location:			
Licencee Name: Imperial Oil N.W.T. Limited		Licence no.: S13L1-007	
Form completed by:	Christine Wickens	Phone Number:	587-476-5007

Volume Details		
If volumes changed from initial report an update has been sent into the NT-NU 24 Hour Spill Report Line and the NEB's Online Event Reporting System.		
Product released?	Volume released	Contained
Medium Crude	50L	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	m ³	Yes <input type="checkbox"/> No <input type="checkbox"/>
	m ³	Yes <input type="checkbox"/> No <input type="checkbox"/>
Impacted soil storage: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Location: Q-38x flowline		

Flowline Incident Details			
Until a repair can be completed, flowline will not be returned to service.			
Flowline no.: Q-38x	Diameter: 3-inch	Year Installed: circa 2000	Aboveground <input checked="" type="checkbox"/> Buried <input type="checkbox"/>
Flowline returned to service: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			

Clean Up
Status: Complete <input checked="" type="checkbox"/> Ongoing <input type="checkbox"/> – If ongoing, anticipated clean up completion date:
Operational clean up details: Impacted snow released from production has been recovered and removed.

Incident Details
<u>Description of circumstances leading up to the release:</u> Operator noticed on daily surveillance rounds that Q-38x pumpjack was down, and upon further investigation that the wellhead and flowline was frozen. The operator thawed and closed wellhead isolation valves to isolate the wellbore from the frozen flowline. During morning surveillance a short time later, it was noticed that the Q-38x flowline had frozen and failed.
<u>How was the release identified:</u> The release was identified during routine monitoring surveillance.
<u>Steps taken to minimize, control, or stop the release:</u> The flowline was shut in and drip trays were placed beneath the freeze split location.
<u>Root cause and causal factors of the release:</u> The direct cause of the release was equipment malfunction (freeze/split of flowline). The root cause of the release is inadequate procedures (for well start-up after rig work).
<u>Corrective actions, if any:</u> The procedure for well start-up was updated to require confirmation of heat trace and insulation installation prior to restarting any well after maintenance work.
<u>Additional comments:</u>