

# Oil Field Environmental Incident Summary

**Incident:** 20160913130629      **Date/Time of Notice:** 09/13/2016 13:06

**Responsible Party:** PETRO HARVESTER OPERATING COMPANY, LLC

**Well Operator:** PETRO HARVESTER OPERATING COMPANY, LLC

**Well Name:** AAGE CHRISTIANSEN 4

**Field Name:** WOBURN

**Well File #:** 3724

**Date Incident:** 9/12/2016      **Time Incident:** 15:00

**Facility ID Number:**

**County:** BURKE

**Twp:** 163

**Rng:** 90

**Sec:** 34

**Qtr:** SE SW

**Location Description:** Pipeline leak was located 15' east of the Christensen 4 access road, approximately 200' north of Hwy 5.

**Submitted By:** Gary Watson

**Received By:**

**Contact Person:** Mark Bonnie  
5851 LEGACY CIRCLE  
SUITE 500  
PLANO, TX 75024

**General Land Use:** Cultivated

**Affected Medium:** Topsoil

**Distance Nearest Occupied Building:** 2025 Feet

**Distance Nearest Water Well:** 2025 Feet

**Type of Incident:** Pipeline Leak

**Release Contained in Dike:** No

**Reported to NRC:** No

	<b>Spilled</b>	<b>Units</b>	<b>Recovered</b>	<b>Units</b>	<b>Followup</b>	<b>Units</b>
<b>Oil</b>	1	Barrels				
<b>Brine</b>	1	Barrels				

**Other**

**Description of Other Released Contaminant:**

**Inspected:**

**Written Report Received:**

**Clean Up Concluded:**

**Risk Evaluation:**

No explosive or immediate health hazard risk.

**Areal Extent:**

Areal extent of affect grass is approximately 12' x 18'.

**Potential Environmental Impacts:**

No impact to surface water or groundwater. Non-cultivated soil.

**Action Taken or Planned:**

Affected grass area indicating a small pipeline leak was identified by Jim Potts - NDIC Field Inspector. No liquid was visible at the surface. Petro Harvester estimate of 2 bbls of released fluid confirmed by Jim Potts - NDIC Field Inspector. The Christiansen 4 & 6 wells were confirmed shut-in to prevent additional fluid release. The affected soil will be excavated to the pipeline depth and hauled to an approved disposal facility. The pipeline will be repaired and pressure tested prior to returning to service. Black dirt will be hauled in to replace the affected soil. The surface owner will be contacted and notified of the incident prior to starting the cleanup activities.

**Wastes Disposal Location:** An approved waste disposal facility.

**Agencies Involved:**

**Updates**

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**Date:** 9/13/2016    **Status:** Reviewed - Follow-up Required

**Author:** O'Gorman, Brian

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

According to the report, the release was not contained and occurred on a pipeline right-of-way. Further follow-up needed.

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**Date:** 9/14/2016    **Status:** Inspection

**Author:** Kangas, Kathleen

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

On site at 8:45 a.m. 46 degrees, sunny, wind 4 mph SSE. Appears impact area is approximately 15 ft X 5 ft. Conductivity reading 15 inches below area dug out and below pipe is @ 20 millisiemens per centimeter (mS/cm). Impact appears to extend vertically but doesn't appear to extend very far horizontally. Note: pipeline is partially above ground/not very deep in this area, as can be seen in photo 951.