

# Oil Field Environmental Incident Summary

**Incident:** 20140719145503      **Date/Time of Notice:** 07/19/2014 14:55  
**Responsible Party:** C12 ENERGY: NORTH DAKOTA LLC  
**Well Operator:** C12 ENERGY: NORTH DAKOTA LLC  
**Well Name:** DICKINSON-HEATH-SAND UNIT 73  
**Field Name:** DICKINSON      **Well File #:** 12342  
**Date Incident:** 7/19/2014      **Time Incident:** 02:00      **Facility ID Number:**  
**County:** STARK      **Twp:** 140      **Rng:** 96      **Sec:** 20      **Qtr:** NE NW  
**Location Description:** In the ditch of 33rd st about 1/2 mile east of 113th ave SW.

**Submitted By:** Owen Ryan      **Received By:**

**Contact Person:** James Buckman  
2054 UNIVERSITY AVENUE  
SUITE 400  
BERKELEY, CA 94794

**General Land Use:** Pasture      **Affected Medium:** Topsoil

**Distance Nearest Occupied Building:** 1300 Feet

**Distance Nearest Water Well:** 2500 Feet

**Type of Incident:** Pipeline Leak

**Release Contained in Dike:** No

**Reported to NRC:** No

	Spilled	Units	Recovered	Units	Followup	Units
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Oil

Brine	50	Barrels				
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Other

**Description of Other Released Contaminant:**

**Inspected:**

**Written Report Received:**

**Clean Up Concluded:**

**Risk Evaluation:**

Flow to injection line has been shut off until flow line is fixed.

**Areal Extent:**

150 feet by 2 feet

**Potential Environmental Impacts:**

Contamination of top soil

**Action Taken or Planned:**

No fluid at surface. Soaked into the ground.

**Wastes Disposal Location:** Chimney Butte Landfill

**Agencies Involved:**

**Updates**

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**Date:** 7/21/2014    **Status:** Inspection

**Author:** Espe, Brady

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

The weather was 74°F, cloudy, with wind from the northwest at 5 mph. I spoke to the pumper for the site; he was waiting for One Call. The contractor will start as soon as pipelines are marked, probably at the end of the week. More followup will be done in the future to check on cleanup progress.

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**Date:** 7/21/2014    **Status:** Reviewed - Follow-up Required

**Author:** Roberts, Kris

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Pipeline leak in the vicinity of Dickinson-Heath Sand Unit 73. Not on facility location. Followup is necessary to assess and oversee cleanup/restoration.

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**Date:** 8/11/2014    **Status:** Inspection

**Author:** Espe, Brady

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

The weather was 78°F, clear; with wind from the southeast at 5 mph. The spill occurred on the northeast side of a ridge in a pasture on the south side of the new truck bypass. The produced water followed the pipeline down the slope going east for a couple hundred feet. The pasture has not been grazed recently; the grass in the impacted area was mowed and removed. The brown grass area is about 10 feet wide for the couple hundred feet. The pipeline is still exposed, and the excavated soil was located on the south side of trench. The trench is flagged off. Can see white on the soil along the trench line impacted. The nearest surface waterway is the ditch to the north and appears to have not been impacted. The ditch is recently seeded as part of the bypass construction project recently finished. More followup is needed in the future.

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**Date:** 9/8/2014    **Status:** Inspection

**Author:** Espe, Brady

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

The weather was 80°F and clear, with wind from the southwest 5-10 mph. The pipeline has been repaired and trench area filled in. The trench area needs seeding and more leveling. The area has been pastured recently. Cattle have been walking over the filled-in trench area. More follow-up needed in the future to check on vegetation growth.

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**Date:** 10/22/2014    **Status:** Inspection

**Author:** Cooper, Mike

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

The weather was 49°F and clear, with wind from the southeast 0-5 mph. The pipeline has been repaired and trench area filled in. The trench area needed seeding and more leveling. The area has been pastured recently. Cattle have been walking over the filled-in trench area. More followup needed. No vegetative growth over excavated area was present. No progress on site was noticed since previous inspection.

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**Date:** 5/29/2015    **Status:** Correspondence

**Author:** Espe, Brady

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Requested more information on the site.

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**Date:** 7/20/2015    **Status:** Inspection

**Author:** Espe, Brady

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

I arrived at the site at 16:29. The weather was sunny, 77°F, with the wind from the northwest 10-15 mph. The lower stretch to east of right of way is growing vegetation, the right of way on the hillside is not growing any. More follow-up needed to check on vegetation growth.