

# Oil Field Environmental Incident Summary

**Incident:** 20180306150538      **Notice:** 3/6/2018      15:05      **Occurred:** 3/6/2018      10:20

**Responsible Party:** BURLINGTON RESOURCES OIL & GAS COMPANY LP

**Well Operator:** BURLINGTON RESOURCES OIL & GAS COMPANY LP

**Well Name:** COLTON 21-30H

**Field Name:** HAYSTACK BUTTE

**Well File #:** 20930

**Facility ID #:**

**County:** MCKENZIE

**Twp Rng Sec Qtr:** 148 98 30 NW NE

**Location Description:** The spill is thought to have occurred from an underground treater line leak. The spill did leave location. The total volume was 38.71 bbls of fluid. The fluid contained 28.71 bbls of oil and 10 bbls of produced water.

**Submitted By:** Josey Adams

**Received By:**

**Contact Info:** Josey Adams  
600 N. DAIRY ASHFORD  
HOUSTON TX 77079

**Affected Medium:** Well/Facility Soil

**General Land Use:** Well/Facility Site

**Near. Occupied Bldg:** 2500 Feet

**Nearest Water Well:** 2500 Feet

**Type of Incident:** Pipeline Leak

**Release Contained:** 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>	28.7	Barrels				
<b>Brine</b>	10	Barrels				

**Other**

**Oth Rel. Contaminant:** Total of 38.71 bbls leaked from underground treater line. 28.71 bbls of oil and 10 bbls of produced water.

**Date Inspected:**

**Clean Up Concluded:**

**Written Report Recd:**

**Risk Evaluation:**

Oil and Produced water to the ground

**Areal Extent:**

Spill area was 100' x 75' x 3" and has left location into a nearby field about 25 feet.

**Potential Env. Impacts:**

Oil and Produced water to the ground

**Action Taken/Planned:**

Equipment was locked out and work order has been submitted to repair line and clean up spill area.

**Wastes Disposal Location:**

Secure Energy Disposal

**Other Agencies Involved:**

## Updates

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**Date:** 3/6/2018      **Status:** Reviewed - Follow-up Required      **No Further Action:**

**Author:** Stockdill, Scott

**Notes:**

According to the incident summary, this spill occurred along a wellsite ROW. Follow-up is necessary.

**Updated Volumes and Contaminant** None at the time of this update

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**Date:** 3/7/2018      **Status:** Inspection      **No Further Action:**

**Author:** O'Gorman, Brian

**Notes:**

Arrived on location at 9:50. Sunny, 9 degrees F, west wind 5-10 mph. Observed the site and took photos. It appeared that the release occurred near the pumping building located on the north edge of the pad. Fresh snow covered the area making a determination of the horizontal extent of the release impractical. It appeared that not much, if any, of the release moved to far off the pad. Will need to re-visit the site for a visual, once the snow has melted. Further follow-up needed.

**Updated Volumes and Contaminant** None at the time of this update

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**Date:** 3/26/2018      **Status:** Inspection      **No Further Action:**

**Author:** O'Gorman, Brian

**Notes:**

While driving to the Mukwa 1-17H release, noticed that additional excavation had been completed north of the well pad. It appeared that the release moved further than expected during the 3/7/2018 inspection. Site should be followed up next week for additional information. No photos were taken.

**Updated Volumes and Contaminant** None at the time of this update

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**Date:** 4/12/2018      **Status:** Inspection      **No Further Action:**

**Author:** Martin, Russell

**Notes:**

4/11/2018 at 10:10, on location. Met with personnel removing fluid from behind a temporary berm adjacent to the Niel 24-19MBH wellpad (directly north of the Colton 21-30H). No visible sheen on the water behind the berm, nor on standing water in excavation upgradient from the berm. There is another berm further upgradient, no visible sheen present on the standing water behind the berm. Used Quantab chloride test strips on all three bodies of water, as well as on running meltwater coming from snowpiles in the field directly north of the Niel wellpad. All readings indicated chloride levels at or below 31 ppm.

**Updated Volumes and Contaminant** None at the time of this update

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**Date:** 8/8/2019      **Status:** Inspection      **No Further Action:**

**Author:** Crowdus, Kory

**Notes:**

On location 8/8/2019 at 8:45am. Impacted area north off location is showing some vegetative growth. It appears there may be some runoff issues that are hindering full growth in the area. Will need to discuss with contact and figure out a plan to get vegetation established in entire area. Further follow-up is required.

**Updated Volumes and Contaminant** None at the time of this update

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**Date:** 1/10/2020      **Status:** Correspondence - More Follow-up Required      **No Further Action:**

**Author:** Crowdus, Kory

**Notes:**

Groundwater data summary was received from consultant and added to the incident folder. Further follow-up is required.

**Updated Volumes and Contaminant** None at the time of this update

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**Date:** 5/4/2020      **Status:** Inspection - More Follow-up Required      **No Further Action:**

**Author:** Crowdus, Kory

**Notes:**

On location 5/4/2020, at 11:38am. Vegetation is showing good growth north off location in between the well pad and roadway. There may be some erosion or runoff causing some areas of concern. Follow-up vegetation check needed as well as obtaining data from monitoring wells on north side of roadway.

**Updated Volumes and Contaminant** None at the time of this update

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**Date:** 10/14/2020      **Status:** Correspondence - More Follow-up Required      **No Further Action:**

**Author:** Crowdus, Kory

**Notes:**

Received groundwater monitoring report from consultant. Report has been added to report folder. Further follow-up is required.

**Updated Volumes and Contaminant** None at the time of this update

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**Date:** 8/24/2021      **Status:** Inspection - More Follow-up Required      **No Further Action:**

**Author:** DeVries, Taylor

**Notes:**

Inspection Date: 8/24/2021

Arrived on pad at 1425. The pasture by the tanks is growing grass nicely. There is a strip of kosha that is growing in that grass pasture. There is new dirt work done from the lease road heading in the direction of the tanks. It has been seeded. Further follow-up is needed on groundwater monitoring.

Photos were taken and can be found in the incident folder.

**Updated Volumes and Contaminant** None at the time of this update

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**Date:** 11/3/2021      **Status:** Inspection - More Follow-up Required      **No Further Action:**

**Author:** Suess, Bill

**Notes:**

This incident has been re-assigned to K. Crowdus.

**Updated Volumes and Contaminant**   None at the time of this update

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**Date:** 2/14/2022      **Status:** Correspondence - More Follow-up Required      **No Further Action:**

**Author:** Crowdus, Kory

**Notes:**

Spoke to contact to get an update of the site. Plan is to install additional monitoring wells this spring/summer. Sampling will be conducted on wells already in place this spring. Further follow-up is required.

**Updated Volumes and Contaminant**   None at the time of this update

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**Date:** 6/7/2022      **Status:** Inspection - More Follow-up Required      **No Further Action:**

**Author:** Crowdus, Kory

**Notes:**

On location 6/7/2022, at 2:24pm. Vegetation off the north side of the pad is growing with approximately 95% coverage. There are some bare areas to continue watching. Monitoring wells are still in place on the north side of the road. Additional wells will be put in within the next couple weeks and wells that are in place will be sampled. Further follow-up is needed.

**Updated Volumes and Contaminant**   None at the time of this update

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**Date:** 10/24/2022      **Status:** Inspection - More Follow-up Required      **No Further Action:**

**Author:** Malchose, Jordan

**Notes:**

Site inspected on 10/20/2022. Vegetation in ditch north of site appears to be healthy and consistent with surroundings. Field to northeast of spill, appears to have recent dirt work done. There are now 5 monitoring wells. Will contact RP regarding results. Further follow-up required.

Photos were taken and can be found in incident folder.

**Updated Volumes and Contaminant**   None at the time of this update

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**Date:** 10/24/2022      **Status:** Inspection - More Follow-up Required      **No Further Action:**

**Author:** Malchose, Jordan

**Notes:**

Received sample results for monitoring wells. Added to incident folder under document titled: "202108\_GWDataSummary-Dahl\_LTR.pdf".

**Updated Volumes and Contaminant**   None at the time of this update

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**Date:** 11/15/2022      **Status:** Inspection - More Follow-up Required      **No Further Action:**

**Author:** Malchose, Jordan

**Notes:**

Received Supplemental Assessment and Groundwater Monitoring Activities from consultant. Added to incident folder under document titled: "202211\_Final-Colton\_21-15H\_SuppAssess\_GW\_LTRRPT". Further follow-up needed.

**Updated Volumes and Contaminant**   None at the time of this update

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**Date:** 12/7/2022      **Status:** Correspondence - More Follow-up Required      **No Further Action:**

**Author:** Malchose, Jordan

**Notes:**

Spoke with company RP and consultant about work plan for site. DEQ requested risk assessment for contaminants remaining on site, as well as receptor surveys for approximately 1 mile radius because there are farms to the NE and E of spill site. 2023 plan is to install additional monitoring wells where impacts remain to fully delineate site. Further follow-up is required.

**Updated Volumes and Contaminant**   None at the time of this update

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**Date:** 6/1/2023      **Status:** Inspection - More Follow-up Required      **No Further Action:**

**Author:** Suess, Bill

**Notes:**

Inspected the site on 5/23/2023. There are six (6) Monitoring Wells at the site. The field has been planted and the crops have sprouted and are growing nicely. The site should continue to be monitored over the growing season and monitoring wells should be continue to be sampled until remediation is complete.

**Updated Volumes and Contaminant**   None at the time of this update