

# Oil Field Environmental Incident Summary

**Incident:** 20190719122347      **Notice:** 7/19/2019    12:23      **Occurred:** 7/18/2019    12:30

**Responsible Party:**    Polar Midstream, LLC

**Well Operator:**

**Well Name:**                Mildred State valve set

**Field Name:**

**Well File #:**

**Facility ID #:**

**County:**                    WILLIAMS

**Twp Rng Sec Qtr:**        155 99 16 NE NW

**Location Description:** A produced water spill occurred at the Mildred State valve set (located near the southeast corner of the Whiting Mildred 94-01H well pad) in Williams County, approximately 3.5 miles southwest of Epping. The produced water spilled at the valve set, ran down the hillside in a north westerly direction, then traveled onto the well pad where it was contained.

Lat: 48.25403169  
Long: -103.41503494

**Submitted By:**            Andrew Parisi

**Received By:**

**Contact Info:**            Andrew Parisi  
5831 123rd Drive NW  
Epping ND 58843

**Affected Medium:**        Topsoil

**General Land Use:**        Other - Described Above

**Near. Occupied Bldg:**    1034 Feet

**Nearest Water Well:**    1350 Feet

**Type of Incident:**        Valve/Piping Connection Leak

**Release Contained:**      No

**Reported to NRC:**        No

	<i>Spilled</i>	<i>Units</i>	<i>Recovered</i>	<i>Units</i>	<i>Followup</i>	<i>Units</i>
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**Oil**

<b>Brine</b>	300	Barrels			300	barrels
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**Other**

**Oth Rel. Contaminant:**

**Date Inspected:**

**Clean Up Concluded:**    8/14/2019

**Written Report Recd:**    9/10/2019

**Risk Evaluation:**

No impact or potential to impact surface waters. No threat to the public.

**Areal Extent:**

From the Mildred State valve set and the southeast corner of the Mildred 94-01H well pad.

**Potential Env. Impacts:**

The produced water impacted top soil near the valve set and the facility/pad topsoil will need to be remediated. There was no impact or potential to impact a water of the State.

**Action Taken/Planned:**

A line imbalance was detected on 7/18/2019 by Summit Midstream Operations Control Center

(SOCC). SOCC shut down the pipeline system and Operations personnel were dispatched to investigate the anomaly. Personnel confirmed that a spill had occurred at the valve set and a hydrovac truck was dispatched to start removing free standing liquids. The recovered produced water and impacted soil will be disposed of at a licensed disposal facility.

Some stormwater exists on the well pad from previous rain events. The stormwater areas will be sampled to ensure all impacted areas are remediated. If the estimated release amount changes after additional sampling, an updated spill report will be submitted.

**Wastes Disposal Location:**

Recovered produced water and impacted soil will be disposed of at a licensed disposal facilities.

**Other Agencies Involved:**

Called NDIC (Cody Vanderbusch) on 7/18 at 4:45pm CDT.

Called NDDEQ (Scott Stockdil) on 7/18 at 4:50pm CDT.

Called landowner (North Dakota Department of Trust Lands Cory Barth) on 7/19 at 8:45am CDT.

**Updates**

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**Date:** 7/18/2019      **Status:** Inspection      **No Further Action:**

**Author:** Crowdus, Kory

**Notes:**

On location 7/18/2019, at 6:34pm. Release off location from an underground pipeline. Release was approximately 100ft off location to the SE and flowed NW ending up on the well pad location. It is difficult to determine off-site impacts at this time. A vac truck is on location removing standing water from location. Further follow-up is required.

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

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**Date:** 7/19/2019      **Status:** Reviewed - Follow-up Required      **No Further Action:**

**Author:** O'Gorman, Brian

**Notes:**

Release, due to a valve/piping connection leak was not contained, according to the report. Further follow-up needed.

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

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**Date:** 7/22/2019      **Status:** Correspondence      **No Further Action:**

**Author:** O'Gorman, Brian

**Notes:**

Received an email from NDIC with photos showing the release area. Email and photos added to the incident folder.

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

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**Date:** 7/26/2019      **Status:** Inspection      **No Further Action:**

**Author:** Biemiller, Richard

**Notes:**

Arrived on site 07/23/2019 955AM CST. Spoke with responsible party representative on phone. Excavation is ongoing. Dirty soil will be removed. Pipeline repair yet to begin. Follow-up needed.

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

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**Date:** 8/1/2019      **Status:** Inspection      **No Further Action:**

**Author:** Stockdill, Scott

**Notes:**

Arrived on location 6:57 8/1/2019.

Significant work still left to be done at location. Large amounts of impacted soil on and off of location.

More follow-up is necessary.

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

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**Date:** 8/6/2019      **Status:** Inspection      **No Further Action:**

**Author:** Torgerson, Brad

**Notes:**

On 8/6/2019 at 1:25 PM - Sunny and 86 Degrees F - I visited the Midstream, LLC - Mildred State Valve Set incident location. Several piles of soil were stockpiled SE of the Mildred production location. Area has been excavated and pipes exposed. A follow-up assessment report for this release should be submitted. Further follow-up appears to be necessary.

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

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**Date:** 12/9/2020      **Status:** Inspection - Vegetation Check      **No Further Action:**

**Author:** Torgerson, Brad

**Notes:**

On 12/9/2020 at 3:30 pm - Partly Sunny and 48 Degrees F - visited the Polar Midstream LLC - Mildred State Valve Set oil well produced water pipeline leak site. Some bare soil areas and weeds were noted at the reclaimed leak site. Vegetation should be checked during 2021.

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

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**Date:** 1/14/2021      **Status:** Correspondence - More Follow-up Required      **No Further Action:**

**Author:** DeVries, Taylor

**Notes:**

Received a closure report for this incident dated September 9, 2019. It has been added to the incident folder. All soil samples are under the NDDEQ standard for chloride. Further follow-up is needed to assure vegetation come back.

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

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**Date:** 6/8/2021      **Status:** Inspection - Vegetation Check      **No Further Action:**

**Author:** Lund, Dylan

**Notes:**

Arrived on location at 0945 on 6/8/2021.

This incident needs to be reinspected this summer due to being at wrong location. Had to sign in on well pad with crews doing work on well. Follow-up required.

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

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**Date:** 7/20/2021      **Status:** Inspection - Vegetation Check      **No Further Action:**

**Author:** Lund, Dylan

**Notes:**

Arrived on location at 1735 on 7/20/2021.

Vegetation is sparse in some areas and appears to be lacking natural vegetation compared to surrounding area. Another vegetation check is required next summer.

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:** 5/17/2022      **Status:** Inspection - Vegetation Check      **No Further Action:**

**Author:** Wax, Pete

**Notes:**

On site 6:50 a.m. 55 degrees, cloudy, wind east at 5 mph. Collected digital images of the incorrect valves. There are two pads in section 16. The spill occurred just south of the eastern most pad. The spill in approximately 100 paces east of the southeast corner and 7 paces into the pasture. The spill path runs north, northwest into the Whiting Mildred 94-1H NE, NE pad. There is little vegetation along that path but it is not a substantial injury. Follow-up required to ensure complete revegetation. Off site 7:20 a.m.

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

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**Date:** 8/2/2022      **Status:** Correspondence - Vegetation Check      **No Further Action:**

**Author:** Suess, Bill

**Notes:**

This incident has been reassigned to Taylor DeVries.

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

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

**Author:** Suess, Bill

**Notes:**

Inspected the site on 5/24/2023. The vegetation at the site appears healthy and consistent with the surrounding area. No further action is needed.

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