

# Oil Field Environmental Incident Summary

**Incident:** 20180920152649      **Notice:** 9/20/2018      15:26      **Occurred:** 9/19/2018      21:00

**Responsible Party:** PETRO-HUNT, L.L.C.

**Well Operator:** PETRO-HUNT, L.L.C.

**Well Name:** Little Knife Saltwater Gathering System

**Field Name:** LITTLE KNIFE

**Well File #:**

**Facility ID #:**

**County:** BILLINGS

**Twp Rng Sec Qtr:** 145 97 30 SE NW

**Location Description:**

**Submitted By:** Derek Enderud

**Received By:**

**Contact Info:** Walter Roach  
2101 Cedar Springs Road, Suite 600  
Dallas TX 75201

**Affected Medium:** Topsoil

**General Land Use:** Pasture

**Near. Occupied Bldg:**

**Nearest Water Well:**

**Type of Incident:** Pipeline Leak

**Release Contained:** No

**Reported to NRC:** No

	Spilled	Units	Recovered	Units	Followup	Units
Oil	1	Barrels				
Brine	1520	Barrels				
Other						

**Oth Rel. Contaminant:**

**Date Inspected:**

**Clean Up Concluded:**

**Written Report Recd:**

**Risk Evaluation:**

None

**Areal Extent:**

Length of release is approximately 1320' and width varies from 2' to 50' depending on terrain.

**Potential Env. Impacts:**

The release impacted vegetation, topsoil and subsoil. There are no water receptors close to release area.

**Action Taken/Planned:**

Immediately after discovery, wells feeding saltwater line were shut in or diverted to different disposal. A vac truck was mobilized to remove standing fluid. A dike approximately 4' high by 50' long was constructed in a low spot down slope from release point to catch any runoff. Absorbent booms were installed down slope of release point to absorb hydrocarbons. The remaining pipeline corridor was inspected for integrity; no issues were found.

A 3rd party environmental contractor has been hired to oversee cleanup. A 3rd party heavy equipment operator has been hired to excavate and haul material to disposal.

**Wastes Disposal Location:**

PDI-Chimney Butte

**Other Agencies Involved:**

NDIC - Rick Hutchens 07:20, 9/20/18

NDDH - Bill Suess 07:25, 9/20/18

**Updates**

---

**Date:** 9/20/2018      **Status:** Reviewed - Immediate Inspection Required      **No Further Action:** ☒

**Author:** Stockdill, Scott

**Notes:**

According to the incident summary, this release involved large amount of contaminants being released. Immediate follow-up is necessary.

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

---

**Date:** 9/20/2018      **Status:** Inspection      **No Further Action:** ☒

**Author:** Crowdus, Kory

**Notes:**

On location 9/20/2018, at 10:56am. Release in pasture land approximately 150 yards to the west of Blue Marlin SWD. Brine and oil flowed on the surface to the south/southwest towards a dry drainage. Company has constructed a dirt berm just to the North of the drainage area approximately 100 yards south of the release point. Crews are on site making lines in the area. Due to rain and muddy conditions, excavation will not begin today. Three soil samples were taken at the site. One at the release point, the second on the North edge of constructed berm and the third in the drainage area, south of the berm. Further follow-up is required.

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

---

**Date:** 10/8/2018      **Status:** Inspection      **No Further Action:** ☒

**Author:** Martin, Russell

**Notes:**

10/5/2018 at 11:10, on location. Personnel working on pipeline. Extensive excavation work has occurred, but was not occurring during inspection. Width and depth of excavations varies, see photos for better details. More follow-up needed.

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

---

**Date:** 10/17/2018      **Status:** Inspection      **No Further Action:** ☒

**Author:** O'Gorman, Brian

**Notes:**

Arrived on location at 12:05. 54 degrees F, Sunny, Northwest wind 0-5 mph. Met with the company representative and the environmental consultant who assisted me in observing the progress of the dig and haul, with photos being taken during the observations. According to the representative, they have removed most of the impacted soils/underburden and would be forwarding sample results to the Department shortly. Excavation had occurred along the area(s) that were initially flagged for impacts. More follow-up will be needed. Photos added to the incident folder.

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

---

**Date:** 10/30/2018      **Status:** Inspection

**No Further Action:** ☒

**Author:** Schiermeister, Robin

**Notes:**

Arrived on site on 10-24-2018. It was chilly with temperatures in the 30s. During the time of the inspection, brine remediation was discussed. An agreement was made to put down a layer of sand and then a bentonite clay liner in areas underneath the pipelines, on top of the large sandstone in the area, and in the sandy soil where the contamination will be left in place. Confirmation sampling, a full map of the delineation, and map of contamination that will be left in place has been agreed upon before backfilling, Vegetation monitoring will have to be done for some length of time to make sure the brine does not come up to the surface.

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

---

**Date:** 9/4/2019      **Status:** Correspondence

**No Further Action:** ☒

**Author:** Schiermeister, Robin

**Notes:**

A vegetation check has been scheduled for the fall of 2019. Further follow\_up is necessary.

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

---

**Date:** 12/18/2020      **Status:** Correspondence - Vegetation Check

**No Further Action:** ☒

**Author:** Lund, Dylan

**Notes:**

Site needs to be re-inspected to check vegetation growth during the summer months.

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

---

**Date:** 6/7/2021      **Status:** Inspection - No Action Required

**No Further Action:** ☒

**Author:** DeVries, Taylor

**Notes:**

Inspection date: 6/7/2021

Arrived on location at 1405. The vegetation has come back very nicely where the excavation used to be. At this time no further follow-up is needed.

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

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