

Oil Field Environmental Incident Summary

Incident: 20140707164229 **Date/Time of Notice:** 07/07/2014 16:42

Responsible Party: Oasis Petroleum

Well Operator: OASIS PETROLEUM NORTH AMERICA LLC

Well Name: KLEVENBERG 6093 11-2H

Field Name: GROS VENTRE

Well File #: 23914

Date Incident: 7/6/2014 **Time Incident:** 13:30

Facility ID Number:

County: BURKE

Twp: 160

Rng: 93

Sec: 2

Qtr: LO T4

Location Description: On our right of way to the south of the Klevenberg location

Submitted By: John M. Jochim

Received By:

Contact Person: John M. Jochim
1001 FANNIN STE 1500
HOUSTON, TX 77002

General Land Use: Pasture

Affected Medium: Topsoil

Distance Nearest Occupied Building: 3 Mile

Distance Nearest Water Well: 3 Mile

Type of Incident: Pipeline Leak

Release Contained in Dike: No

Reported to NRC: Yes

	Spilled	Units	Recovered	Units	Followup	Units
Oil						
Brine	75	Barrels	65	Barrels	65	barrels
Other						

Description of Other Released Contaminant:

Inspected:

Written Report Received: 3/23/2016

Clean Up Concluded: 7/21/2014

Risk Evaluation:

It came close to water but did not enter.

Areal Extent:

5' by 150 yds.

Potential Environmental Impacts:

It came close to a slough but did not enter.

Action Taken or Planned:

We dug up affected soil and disposed of. We will also treat area with our Kc2 chemical to help remediate the remaining soil.

Wastes Disposal Location: Prairie Solid waste disposal in Tioga, ND

Agencies Involved:

Updates

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

Author: Roberts, Kris

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Release, due to an off-location pipeline leak, flowed approximately 150 yards from leak point. Followup is necessary.

Date: 7/10/2014 **Status:** Inspection

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

7/10/2014 at 15:51, on location. Impacted area visible upon approach to site. Brown vegetation amongst thick green vegetation in a strip going downhill toward the slough to the southeast of the wellpad. Impact appears to have originated somewhere south/southwest of wellpad and flowed due east parallel to wellpad border, before going downhill toward slough. Impacted vegetation mainly grasses, but one cluster of shrub/trees also impacted. This vegetation is within the fence line for the wellpad. A dirt berm was placed along the slough side of the east fence line to contain the spill. Electrical conductivity readings in green vegetation below 0.5 mS.

Station 1: in dead vegetation before berm and within wellpad fenceline

3" = 34.5 mS

6" = 38.8 mS

9" = 34.8 mS

12" = 29.5 mS

15" = 26.4 mS

18" = 26.0 mS

Station 2: 10 ft downhill from berm, toward slough

3" = 3.94 mS

6" = 3.24 mS

9" = 4.23 mS

12" = 2.71 mS

15" = 2.17 mS

18" = 1.85 mS

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

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Phone call with report contact. According to contact, salt water pipeline had been vandalized. 266.8 tons of impacted soil have been removed so far. A remediation chemical has been added to the remaining soil. MSDS for chemical will be supplied to the NDDoH. Landowner has been notified of incident.

Date: 9/18/2014 **Status:** Inspection

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

9/18/2014 at 18:09, on location. Impacted vegetation has not been removed; no visible impact to slough vegetation past soil berm initially constructed just outside facility fence line. Since green vegetation is between berm and slough, water in slough does not appear to have been impacted.

Date: 9/26/2014 **Status:** Inspection

Author: Roberts, Kris

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

9/26/14 - 15:35 on location. Site remains as described by Miller. Possible exception is th addition of erosion control materials between the pipeline leak site and the containment berm above the open water.

Date: 10/8/2014 **Status:** Correspondence

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Phone call from report contact and field supervisor. Remaining impacted vegetation is being left in place to control erosion for the time being. Amendment applied to soil is being monitored, and soil samples have been taken. A report will be sent to the NDDoH with the current progress at the site. Landowner has been notified and is being informed of cleanup efforts as they occur.

Date: 12/11/2014 **Status:** Correspondence

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Report on remediation efforts received from responsible company. According to the report, most of the impacted soil was removed. However, the north wall of the excavation within the pipeline ROW was not removed due to the presence of another active pipeline. Additionally, the endpoint of the spill, adjacent to a slough, was not removed due to proximity to the slough. Instead, soil amendments and erosion control have been applied, and vegetation growth is going to be monitored through the 2015 growing season. NDDoH will monitor site as well.

Date: 5/11/2016 **Status:** Inspection

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

5/11/2016 at 16:57, on location. Spill pathway somewhat visible due to the dead vegetation impacted in the initial event, most noticeably the cluster of dead shrubs. However, mixed in with the dead vegetation is new growth, particularly thick grasses growing up through the remains of the shrubs. No further follow-up required at this time.