

Oil Field Environmental Incident Summary

Incident: 20140613084459 **Date/Time of Notice:** 06/13/2014 08:44

Responsible Party: OMIMEX PETROLEUM, INC.

Well Operator: OMIMEX PETROLEUM, INC.

Well Name: CHOLA SHERWOOD UNIT 6-1

Field Name: CHOLA

Well File #: 4064

Date Incident: 6/11/2014 **Time Incident:** 11:00

Facility ID Number:

County: RENVILLE

Twp: 159

Rng: 84

Sec: 4

Qtr:

Location Description:

Submitted By: Jared Loup

Received By:

Contact Person: Rajeev Lal
7950 JOHN T. WHITE ROAD
FORT WORTH, TX 76120

General Land Use: Badlands Terrain

Affected Medium: Topsoil

Distance Nearest Occupied Building:

Distance Nearest Water Well: 2.1 Mile

Type of Incident: Pipeline Leak

Release Contained in Dike: No

Reported to NRC: No

| | Spilled | Units | Recovered | Units | Followup | Units |
|--------------|----------------|--------------|------------------|--------------|-----------------|--------------|
| Oil | 9 | Barrels | | | 9 | barrels |
| Brine | 20 | Barrels | | | 20 | barrels |

Other

Description of Other Released Contaminant:

Inspected:

Written Report Received: 7/28/2014

Clean Up Concluded: 6/27/2014

Risk Evaluation:

Oil soaked topsoil that needs to be cleaned up.

Areal Extent:

Estimated 5 to 20 feet wide by 500 to 700 ft long

Potential Environmental Impacts:

There should be no major harmful effects, as Omimex has already started the cleanup process. The ground will be very thoroughly cleaned so as to not cause any harmful environmental impacts.

Action Taken or Planned:

There was oil floating on top of water and mud. As of today, 6/13/2014, some cleanup work has already been done and more will be done. The original spill/leak was spread across the ground and was not contained, but the current action plan is to scrape up the affected area, water, mud and oil, and pile up this contaminated soil. A firewall will then be built around the contaminated pile of dirt/water/mud/oil/topsoil, to isolate and contain this contaminated topsoil. The topsoil will then soon be disposed of properly at a commercial disposal facility. As already mentioned earlier, some of the cleanup work has already started and it will continue until everything is cleaned up and disposed of. Later, after the contaminated topsoil is disposed of, Omimex will remediate soil as per NDIC rules.

Wastes Disposal Location: Prairie Disposal LLC, a R360 Company
10210 52nd St NW, Tioga, ND 58852

Agencies Involved:

Updates

Date: 6/16/2014 **Status:** Reviewed - Follow-up Required

Author: Stockdill, Scott

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

According to the incident summary, this spill impacted the surrounding area. More followup is necessary.

Date: 6/19/2014 **Status:** Inspection

Author: O'Gorman, Brian

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location at 18:00. 70 degrees F, mostly cloudy, calm. Observed site and took photos. The initial daylight release location appeared to be approximately 300 feet north of the Chula Unit CTB well pad. Excavation of the top 1 to 10 inches of soils had occurred before my arrival. Four stockpiles of contaminated soils were bermed and placed along the excavation and on the well pad. The approximate area affected (excavated) is 1000 feet long by 50 feet wide and 2 to 10 inches deep. The release begins north of the well pad and moves east to the section line (700 to 800 feet long by 50 to 100 feet wide), then south along the lease road approximately 200 feet long by 20 to 30 feet wide.

An approximate 100 yards of soils is already stockpiled along the excavation, with impacts still visible on the lower, exposed soil horizons.

The release is all within CRP cropland. The nearest wetland is approximately 100 feet to the southwest near the west area of the release, and another wetland is across the lease road, approximately 30 feet to the east.

Cropland borders the CRP land to the north, west and east. Paved county road borders CRP to the south.

Trac hoe excavator and contractor dump truck on-site at the time of inspection.

Petroleum impacts obvious in stockpiles and on remaining excavated soil. Salt-water impacts were tested using the Oakton EC soil probe.

Background (northwest of initial release 50 feet, upgradient approximately 2.5 feet) - 0 - 6 inches (773 uS/cm) 0 - 12 inches (778 uS/cm)

SP - 1 (initial release area) - 0 - 6" (21.5 ms/cm), 0 - 12" (18.87 ms/cm)
SP - 2 (East 50 feet of SP - 1) 0 - 6" (18.01 ms/cm), 0 - 12" (15.35 ms/cm)
SP - 3 (east 200 feet of SP - 2) 0 - 6" (3.01 ms/cm), 0 - 12" (3.30 ms/cm)
SP - 4 (20 feet east of SP - 3) 0 - 6" (2.50 ms/cm), 0 - 12" (2.43 ms/cm)
SP - 5 (NE portion of excavation) 0 - 6" (1150 uS/cm), 0 - 12" (1100 uS/cm)
SP - 6 (SE portion of excavation) 0 - 6" (985 uS/cm), 0 - 12" (950 uS/cm)

Salt-water impacts appear to be contained to the areas nearest the initial release.
More followup required.

Date: 10/3/2014 **Status:** Inspection

Author: O'Gorman, Brian

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location at 14:00 CT. 39 degrees F, mostly cloudy, NW wind 20-30 mph. Observed site and took photos. Area described during the 6/19/14 inspection remained open with soil removed from impacted areas and vegetation lacking in the SP-1 through SP-3 locations. Some native vegetation was returning in areas furthest from the release. Impacted soil piles had been removed. More followup is necessary to ensure complete remediation of the excavated areas.

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location at 10:30. 52 degrees F, mostly cloudy, NW wind 20-25 mph. Walked the impacted areas and took photos. The impacted area where soil was removed had been tilled and showed very little signs of vegetation. The area of the release had been excavated, daylighting the gathering line. It appeared that the company had replaced a portion of the line with new piping in the area of the release, raising questions as to whether they had another unreported release or just decided to replace that section of line. Followup needed with the company to determine future work on the impacted areas and/or another inspection in spring/summer of 2016 to check vegetative growth on the impacted areas.