

Oil Field Environmental Incident Summary

Incident: 20181030121829 **Notice:** 10/30/2018 12:18 **Occurred:** 10/29/2018 09:00

Responsible Party: WHITING OIL AND GAS CORPORATION

Well Operator: WHITING OIL AND GAS CORPORATION

Well Name: CLEVEN-B 1X 42-34

Field Name: LANDA

Well File #: 11623

Facility ID #:

County: BOTTINEAU

Twp Rng Sec Qtr: 163 79 34 NW NE

Location Description: The Cleven 1X released an estimated 2-5bbls of crude from the flow-line between the Cleven well and the Landa tank battery.

Submitted By: Shelby Lego

Received By:

Contact Info: Shelby Lego
1700 BROADWAY STE 2300
DENVER CO 80290

Affected Medium: Topsoil

General Land Use: Pasture

Near. Occupied Bldg: 1 Mile

Nearest Water Well: 1 Mile

Type of Incident: Pipeline Leak

Release Contained: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil	5	Barrels				

Brine

Other

Oth Rel. Contaminant: Released was made up of production directly from the Cleven 1x wellhead.

Date Inspected:

Clean Up Concluded:

Written Report Recd:

Risk Evaluation:

No immediate risk at this time.

Areal Extent:

50'x50'

Potential Env. Impacts:

Impacts to soil/pasture will be monitored for further procedure.

Action Taken/Planned:

Line was closed by Lease Operator. Production Foreman was called and clean-up procedures are underway.

Wastes Disposal Location:

Waste will be disposed of at an approved waste disposal.

Other Agencies Involved:

Updates

Date: 10/30/2018 **Status:** Reviewed - Follow-up Required

No Further Action:

Author: DeVries, Taylor

Notes:

According to the incident report, the release of oil was not contained to the well pad. Further follow-up needed.

Updated Volumes and Contaminant None at the time of this update

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

No Further Action:

Author: Schmitt, Bryan

Notes:

Time: 16:00 CT

Spill occurred in a field near a seasonal drainage ditch. No standing water is in the drainage area. Oil has surfaced in multiple areas around the broken pipe and impacts were observed on soil and vegetation. No excavation or cleanup has occurred at the time of this visit. Spill area is approximately 35 x 25 feet. Coordinates of the spill location are N: 48.90460 W: 100.89017

Updated Volumes and Contaminant None at the time of this update

Date: 11/8/2018 **Status:** Inspection

No Further Action:

Author: O'Gorman, Brian

Notes:

Arrived on location at 13:35. 12 degrees F, Northwest wind 10-15 mph, Cloudy. The location was approximately 200 yards northwest of the well pad and approximately 1/4 mile southeast of the Landa Central Tank Battery. GPS coordinates (48.90474, -100.89009). Cleanup contractor was on-site at the time of inspection. They had daylighted/excavated the area where the release occurred and were digging back towards the well to remove a casing from the pipeline. The excavated soil was placed next to the hole awaiting removal/disposal. More follow-up needed. Photos added to the incident folder.

Updated Volumes and Contaminant None at the time of this update

Date: 11/15/2018 **Status:** Inspection

No Further Action:

Author: Stockdill, Scott

Notes:

Arrived on location 5:02 11/15/2018.

Visible contaminants and contamination in excavation. Large amount of impacted soil stockpiled along excavation.

Contact company to submit a work plan for review.

More follow-up is necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 12/27/2018 **Status:** Inspection

No Further Action:

Author: Stockdill, Scott

Notes:

Arrived on location 1:40 12/27/2018.

Excavation appears to have been expanded to the west. Excavation is partly snow covered. Large spoil piles to west of excavation.

No photos taken.

More follow-up is necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 1/16/2019 **Status:** Inspection

No Further Action:

Author: Stockdill, Scott

Notes:

Arrived on location 3:22 1/16/2019.

Significant amount of additional soil removed from location. Workers onsite hauling away contaminated soils.

More follow-up is necessary to ensure proper cleanup.

Updated Volumes and Contaminant None at the time of this update

Date: 1/24/2019 **Status:** Correspondence

No Further Action:

Author: Stockdill, Scott

Notes:

Responsible party provided final cleanup report on incident. Final sample came back indicating numbers within acceptable range.

Follow-up on site in summer/fall 2019 to ensure proper vegetation growth.

Updated Volumes and Contaminant None at the time of this update

Date: 5/6/2019 **Status:** Inspection

No Further Action:

Author: Martin, Russell

Notes:

5/2/2019 at 17:26, on location. Excavation has been filled in and regraded. Some scattered staining visible in the northeast portion of the area. Does not appear to have been reseeded yet. More follow-up required.

Updated Volumes and Contaminant None at the time of this update

Date: 5/28/2019 **Status:** Inspection

No Further Action:

Author: Stockdill, Scott

Notes:

Arrived on location 5:13 5/28/2019.

Excavation filled to grade, site shows some sign of remaining contamination, except for some small remaining spots of oil that can be left to naturally attenuate. Check site in fall 2019 to see if vegetation has reestablished.

Contact company regarding final report.

More follow-up is necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 7/9/2019 **Status:** Inspection

No Further Action:

Author: Stockdill, Scott

Notes:

Arrived on location 1:52 7/9/2019.

Marginal vegetation recovery with some erosional issues on location.

More follow-up is necessary to insure revegetation.

Updated Volumes and Contaminant None at the time of this update

Date: 9/25/2019 **Status:** Inspection - Vegetation Check

No Further Action:

Author: Stockdill, Scott

Notes:

Arrived on location 2:41 9/25/2019.

Marginal Vegetation regrowth in impact area. Check site in 2020 for vegetation regrowth.

More follow up is necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 4/27/2020 **Status:** Inspection - More Follow-up Required

No Further Action:

Author: Stockdill, Scott

Notes:

Arrived on location 3:55 4/27/2020.

Signs of marginal vegetation regrowth in impact area. Some natural alkaline staining. Contact company about revegetating area.

More follow-up is necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 8/11/2020 **Status:** Inspection - More Follow-up Required **No Further Action:**

Author: Stockdill, Scott

Notes:

Arrived on location 11:17 8/11/2020.

Distinct area lacking vegetation. Visible salt crystals on soil. Contact company regarding additional work at the site.

More follow-up is necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 8/31/2021 **Status:** Inspection - More Follow-up Required **No Further Action:**

Author: Stockdill, Scott

Notes:

Arrived on location 1:52 8/31/2021.

Areas devoid of vegetation on either side of the pipeline ROW.

Contact company regarding site.

More follow-up is necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 8/10/2022 **Status:** Inspection - No Action Required **No Further Action:**

Author: Stockdill, Scott

Notes:

Arrived on location 2:08 8/10/2022.

Some minor bare areas with vegetation encroaching. Site has been purchased by Empire oil.

Impacts are minimal and unlikely to impacts waters of the state or drinkable water resources.

No follow-up is necessary.

Updated Volumes and Contaminant None at the time of this update