

Oil Field Environmental Incident Summary

Incident: 20141126121922 **Date/Time of Notice:** 11/26/2014 12:19
Responsible Party: WHITING OIL AND GAS CORPORATION
Well Operator: WHITING OIL AND GAS CORPORATION
Well Name: CHERRY STATE 31-16-2H
Field Name: PLEASANT HILL **Well File #:** 26484
Date Incident: 3/23/2014 **Time Incident:** 12:00 **Facility ID Number:**
County: MCKENZIE **Twp:** 149 **Rng:** 99 **Sec:** 16 **Qtr:** NE NW
Location Description: Along flowline ROW, 340 feet west of Cherry State 31-16-2H well pad.

Submitted By: Corissa Zimmer **Received By:**
Contact Person: Corissa Zimmer
1700 BROADWAY STE 2300
DENVER, CO 80290

General Land Use: Pasture **Affected Medium:** Topsoil

Distance Nearest Occupied Building: 2730 Feet
Distance Nearest Water Well: 2730 Feet

Type of Incident: Pipeline Leak

Release Contained in Dike: Yes - On Pipeline ROW **Reported to NRC:** No

	Spilled	Units	Recovered	Units	Followup	Units
Oil	2	Barrels	2	Barrels	2	barrels
Brine	2	Barrels	2	Barrels	2	barrels

Other

Description of Other Released Contaminant:

Inspected: **Written Report Received:** 11/26/2014 **Clean Up Concluded:** 10/1/2014

Risk Evaluation:

To be determined, none foreseen.

Areal Extent:

Impacted dirt immediately next to the pipeline, which was excavated.

Potential Environmental Impacts:

To be determined, none foreseen.

Action Taken or Planned:

Leak was isolated by shutting in the 2 flowing wells on the Cherry State 31-16 and then closing valves at the Cherry State 21-16 CTB.

The bellhole has been left open for State Land Department to approve the cleanup.

Wastes Disposal Location: Wastes were disposed at Indian Hills Landfill and Tervita LLC.

Agencies Involved: Local Fire Department

Updates

Date: 11/26/2014 **Status:** Reviewed - Follow-up Required

Author: O'Gorman, Brian

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Release, due to a pipeline leak, was contained to pipeline right-of-way. Due to insufficient description of well pad/right-of-way and delayed reporting (release occurred in March 23, 2014), further followup is required.

Date: 11/28/2014 **Status:** Correspondence

Author: Roberts, Kris

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

11/28/14 - 09:47 telephone contact with company representative to determine whether there was an error in the incident date. NO. Company has finished remediation; personnel were filling out a followup report and wanted to compare with the original report for consistency. However, company did not find a record of having submitted the original report. During the conversation, Roberts checked the EIR database and did not find another report record, indicating that an online report did not appear to have been submitted. Company has written record of verbal report to a state agency, with an inspector being on site. Requested that the information be documented to NDDoH. Documentation received this date 10:06 AM.

It is understood that the excavation is still open, and company is awaiting an inspection by NDDoH before closing. Company wants to close the excavation before the freeze gets any worse. NDDoH inspector will be there early next week.

Company documentation of appropriate verbal reporting and NDIC inspection:

As of 11-26-2014, it was determined by Whiting that no original spill report was filed to the NDIC. It was confirmed that the NDIC was notified as one of its field inspectors (Samuel Skurupey) did arrive on site to investigate the spill on 3-24-2014.

See full followup report in the Report Folder directory.

Date: 12/3/2014 **Status:** Inspection

Author: O'Gorman, Brian

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location at 13:50. 27 degrees F, sunny, SE wind 0-5 mph. Observed site and took photos. Paced off 340 feet to the west from the wellhead to area stated in report. Excavation was partially covered with snow and could be a safety and health hazard due to its depth (approximately 10 to 15 feet), width (1.5 feet) and length (approximately 10 feet). Hard to determine depth due to snow in the bottom and darkness of hole. Approximately 1 to 3 inches of snow covered the areas around the wellpad. The excavation was on the inside of the fence line; however, there was a creek with open water and frozen water approximately 100 feet downslope of the release site. Between the release site and creek was an area approximately 150 feet wide by 100 feet in length where the soil had been tilled or worked with no vegetation showing. No product could be identified due to depth of excavation and snow cover. Spoke with company representative (via cell phone) while on site and was informed that she was not in her current position when the event happened. She will find and send information regarding tilled soil area and extent of release. The representative also was informed of the hazard of having an open hole with no barriers present. She informed me that she would contact the company's safety people to take care of the hazard. Also asked company representative if company had collected soil samples for remediation confirmation. Company representative was not sure and would contact me with that information when determined. Further followup required.

Date: 12/4/2014 **Status:** Inspection

Author: O'Gorman, Brian

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location at 11:15. Sunny, 24 degrees F, calm winds. Response to the Cherry State location was due to a reported drilling rig release by Flatirons Drilling General EIR #3571 into Cherry Creek which was just west of the Cherry State 31-16-2H location. Spoke with the company representative and walked the Cherry State release areas for confirmation on release locations. Area excavated was west of the creek and was still open with the pipeline exposed. Did not enter excavation to examine soils for remaining impacts. Company representative discussed the release and cleanup and was waiting for NDDoH visual inspection. Due to depth of hole and frozen conditions, I asked if company would provide a soil sample from the excavation to confirm cleanup. Company representative agreed to collect soil samples and forward results to NDDoH. On-site followup not required. Email/lab results followup from company required for cleanup completion.

Date: 8/4/2015 **Status:** Inspection

Author: O'Gorman, Brian

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location at 18:46. 84 degrees F, hazy, SE wind 10-20 mph. Observed site and took photos. Area that had been excavated had been re-filled with soil. Vegetative growth on the soil in the excavation was sparse and did not appear to have been seeded. No petroleum visual impacts were noted. No further on-site follow-up needed at this time.

Date: 8/5/2015 **Status:** Awaiting Documentation

Author: O'Gorman, Brian

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Area appeared remediated, however the company representative noted that they would send the Department confirmation samples from the base of the excavation on 12/4/15. Contact company to document confirmation sample from base of excavation.