Oil Field Environmental Incident Summary

Responsible Party: WHITING OIL AND GAS CORPORATION Well Operator: WHITING OIL AND GAS CORPORATION

Well Name: ROGGENBUCK 11-25H CTB

Field Name: SANISH

Well File #:

Facility ID #: 217240-01
County: MOUNTRAIL

Twp Rng Sec Qtr: 153 93 25 NW NW

Location Description: 10bbl Spill Occurred at approximately 8:00 am at the Roggenbuck 11-25H

flare 5bbls on site and 5bbls offsite, to the east, into a snow covered pasture

Submitted By: Shelby Lego

Received By:

Contact Info: Shelby Lego

1700 BROADWAY STE 2300

DENVER CO 80290

Affected Medium: Topsoil

General Land Use: Well/Facility Site

Near. Occupied Bldg: 0.2 Mile
Nearest Water Well: 0.7 Mile

Type of Incident: Equipment Failure

Release Contained: No Reported to NRC: No

Spilled Units Recovered Units Followup Units

Oil 10 Barrels 10 Barrels

Brine Other

Oth Rel. Contaminant:

Date Inspected:

Clean Up Concluded: Written Report Recd:

Risk Evaluation:

Minimal risk. TPH and a chloride sample as well as a back ground sample have been ordered.

Areal Extent:

5bbls offsite equal approximately a mist of 200' East by a mist of 150' wide

Potential Env. Impacts:

Minimal environmental impacts anticipated. The release has stopped, cleanup is in progress, and sampling will occur to confirm cleanup.

Action Taken/Planned:

Impacted material (snow) is being removed and sampling will occur following clean up.

Wastes Disposal Location:

At an approved disposal site.

Other Agencies Involved:

NDIC

Updates

Date: 3/6/2018 Status: Reviewed - Follow-up Required No Further Action: ✓

Author: Torgerson, Brad

Notes:

Visited the location on 3/6/2018 at 4:00 pm - Cloudy, windy and 16 Degrees F. What appeared to be a light oil mist was noted scattered on the snow surface to a distance of about 100 yards east of the facility flare and off the location. No recent excavation activities appeared to have been performed. I left the site at about 4:30 pm. Further follow-up appears necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 3/19/2018 Status: Inspection No Further Action: ✓

Author: DeVries, Taylor

Notes:

Inspection Date: 3/19/2018

Arrived on location at 1630. Vegetation is snow covered and there is no sign or smell of hydrocarbons on snow. Further follow-up in spring/summer months to observe grass health. Photos were taken and can be found in the report folder.

Updated Volumes and Contaminant None at the time of this update

Date: 4/24/2018 Status: Inspection No Further Action: ✓

Author: Stockdill, Scott

Notes:

Arrived on location 4/24/2018.

Mist to east of flare, impacting the adjacent wheat field stubble. No sign of remedial work having taken place. Impact to areas off of location are light.

More follow-up is necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 8/21/2018 Status: Inspection No Further Action: ✓

Author: Stockdill, Scott

Notes:

Arrived on location 8/21/2018.

No sign of contaminants or contamination. Sporadic vegetation throughout impact area. Area appears to have not been planted to a crop this year. Site should be checked in 2019 to see how crops react to impacted area.

More follow-up is necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 7/8/2019 Status: Inspection No Further Action: ✓

Author: Stockdill, Scott

Notes:

Arrived on location 5:20 7/8/2019.

No sign of remaining impacts at the time of inspection. This year's crop is doing well.

No follow-up is necessary.

Updated Volumes and Contaminant None at the time of this update