

Oil Field Environmental Incident Summary

Incident: 20180810121559 **Notice:** 8/10/2018 12:15 **Occurred:** 8/9/2018 19:38

Responsible Party: DENBURY ONSHORE, LLC
Well Operator: DENBURY ONSHORE, LLC
Well Name: CHSU GRIGGS 34-19NH 15
Field Name: CEDAR HILLS
Well File #: 13834
Facility ID #:
County: BOWMAN
Twp Rng Sec Qtr: 131 105 19
Location Description:
Submitted By: Mark Jacobsen
Received By:
Contact Info: Mark Jacobsen

5320 LEGACY DR
 58 Shell Oil Road
 Baker MT 59313

Affected Medium: Topsoil
General Land Use: Pasture
Near. Occupied Bldg: 0.5 Mile
Nearest Water Well: 0.5 Mile
Type of Incident: Pipeline Leak
Release Contained: No
Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil						
Brine						
Other	140	Barrels	10	Barrels	10	barrels

Oth Rel. Contaminant: The release consisted of a Source Water/Produced Water mix (50/50).

Date Inspected:
Clean Up Concluded: 8/10/2018
Written Report Recd: 8/24/2018

Risk Evaluation:
 None

Areal Extent:
 225 square ft off location.

Potential Env. Impacts:
 Pasture.

Action Taken/Planned:
 As per landowner request, no excavation will take place. Shut in PWI and Canter inj. Plant. Isolate wells and plants from line. One call placed for excavation. 1000 gals of Biocal mixed fresh water 25:1 mixture over broadcast over impacted area.

Wastes Disposal Location:

Other Agencies Involved:

Updates

Date: 8/10/2018 **Status:** Reviewed - Follow-up Required **No Further Action:**

Author: O'Gorman, Brian

Notes:

Release, due to a pipeline leak, was not contained, according to the report. More follow-up is needed.

Updated Volumes and Contaminant None at the time of this update

Date: 8/11/2018 **Status:** Inspection **No Further Action:**

Author: Wax, Pete

Notes:

On site 11:31 am on 8/11/2018. Clear sky, 89 degrees, south wind at 7.

Nearest water is a well defined ephemeral drainage 75 meters to the northeast. The drainage in this area is currently dry. Pictures and soil samples collected. Spill site is a flat [no berm] scoria pad with two dog houses situated in an alfalfa field. The release area is easily identified, as the soil is still damp. Confirmed visual observation using a specific conductance soil probe. A rough delineation of the area off pad is an area beginning 20 meters west of the housing that extends 35 meters into the alfalfa field running to the east, south east 50 meters. Treated in place. Specific conductance ranged from 665 to 3,500 us/cm. It appears that none of the release made it to the ephemeral wash, as the soil outside the 35 by 50 meter area immediately against the pad was dry and too hard for the soil probe to penetrate. Collected a soil sample and duplicate in the area with the highest EC readings and a background sample about 15 meters to the east [GPS coordinates are 46.15001, -103.85444 and 46.15001, -103.85440 respectively]. Will need follow-up visit to document effectiveness of treatment. Off site 12:39 pm.

Updated Volumes and Contaminant None at the time of this update

Date: 9/4/2018 **Status:** Awaiting Documentation **No Further Action:**

Author: Martin, Russell

Notes:

8/23/2018 at 13:39, on location. Green vegetation growing around site, only one spot was visible with brown vegetation, however electrical conductivity probe read only slightly elevated levels above background. No onsite follow-up required at this time, awaiting lab results before further evaluation.

Updated Volumes and Contaminant None at the time of this update

Date: 5/15/2019 **Status:** Reviewed - Follow-up Required **No Further Action:**

Author: Wax, Pete

Notes:

Analysis of soil (in file) indicate no salt contamination from release. Will need a vegetation check in spring of 2019 for verification.

Updated Volumes and Contaminant None at the time of this update

Date: 6/12/2019 **Status:** Inspection

No Further Action:

Author: Martin, Russell

Notes:

6/4/2019 at 16:05, on location. Vegetation appears to still be growing well. No further follow-up required.

Updated Volumes and Contaminant None at the time of this update