

Oil Field Environmental Incident Summary

Incident: 20190218153441 **Notice:** 2/18/2019 15:34 **Occurred:** 2/15/2019 08:00

Responsible Party: CITATION OIL & GAS CORP.

Well Operator: CITATION OIL & GAS CORP.

Well Name: LONE BUTTE FEDERAL B 1

Field Name: LONE BUTTE

Well File #: 9062

Facility ID #:

County: DUNN

Twp Rng Sec Qtr: 147 97 19

Location Description: Oil and water sprayed outside of dike approximately 30'. Oily snow was scraped up and put inside dike.

Submitted By: Lee Ann Elsom

Received By:

Contact Info: Lee Ann Elsom
14077 CUTTEN ROAD
PO BOX 690688
HOUSTON TX 77269-0688

Affected Medium: Topsoil

General Land Use: Pasture

Near. Occupied Bldg: 5 Mile

Nearest Water Well: 5 Mile

Type of Incident: Equipment Failure

Release Contained: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil	20	Barrels	15	Barrels		
Brine	40	Barrels	37	Barrels		

Other

Oth Rel. Contaminant: Oil and produced water

Date Inspected:

Clean Up Concluded:

Written Report Recd:

Risk Evaluation:

None

Areal Extent:

approximately 30' outside of dike containment Ground had snow and was frozen.

Potential Env. Impacts:

None

Action Taken/Planned:

Roustabout scarped up oil sprayed snow and put inside dike. Treater will be fixed on Monday, Inside dike are will be washed with hot water and vacuumed up and run back through production system.

Wastes Disposal Location:

run back through production system.

Other Agencies Involved:

Updates

Date: 2/19/2019 **Status:** Reviewed - Follow-up Required

No Further Action:

Author: DeVries, Taylor

Notes:

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

Updated Volumes and Contaminant None at the time of this update

Date: 2/22/2019 **Status:** Inspection

No Further Action:

Author: O'Gorman, Brian

Notes:

Arrived on location at 10:10. -11 degrees F, Sunny, Southeast wind 0-5 mph. Observed site and took photos. It appeared that the release occurred from the heater/treater and impacted snow west of the fence line. Snow had been removed from an area approximately 100' by 300'. Did not notice any stained soils in this area or adjacent to it. Further follow-up needed. Photos added to the incident folder.

Updated Volumes and Contaminant None at the time of this update

Date: 2/28/2019 **Status:** Inspection

No Further Action:

Author: Stockdill, Scott

Notes:

Arrived on location 12:55 2/28/2019.

No sign of spill at the time of inspection. It is possible recent snows have obscured the spill. Recommend visiting site with company personnel.

More follow-up is necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 3/29/2019 **Status:** Inspection

No Further Action:

Author: Schiermeister, Robin

Notes:

Arrived on site at 13:34 on 3-26-2019. It was sunny with temperatures in the 50s. There is what appears to be oil staining west of the well pad. Took a DRO sample of some standing water at the bottom of the hill on the west side as well as a soil sample. The water and soil appeared to have a sheen to it. Further follow-up is necessary pending the sample results.

Updated Volumes and Contaminant None at the time of this update

Date: 5/15/2019 **Status:** Inspection

No Further Action:

Author: DeVries, Taylor

Notes:

Inspection Date: 5/15/2019

Arrived on location at 1500. The area where the release got off of location (by the treater) has fresh topsoil and has been fenced to keep the cattle out of it. Two trees have been cut down in a low lying area, immediately adjacent to the well pad. The low area did not have water in it at the time of inspection. The cut down trees are laying by the fenced area. No work has been done in the low area. Further follow-up is needed with the company on this area.

The small wetland area to the west of the well pad (about 40-50 yards) has no oil sheen. There are frogs within the pond. It looks like the cattle frequent the location often as it is very trampled down. Thoroughly investigated the creek that runs by the location, looking for any contamination. None was found leading to or in the creek.

Photos were taken and can be found in the report folder. Further follow-up on remediation is needed.

Updated Volumes and Contaminant None at the time of this update

Date: 6/25/2019 **Status:** Inspection

No Further Action:

Author: DeVries, Taylor

Notes:

Inspection Date: 6/25/2019

Arrived on location at 1100. The grass within the fenced off areas is doing well. There is a dead spot by the treater off pad (47.542453 -103.084857). Electrical conductivity was taken at a few points within the dead spot and showed elevated conductivity compared to background. These readings can be found in the report folder. Follow-up will be made with company on remediation of this area.

Photos were taken and can be found in the report folder.

Updated Volumes and Contaminant None at the time of this update

Date: 8/5/2019 **Status:** Correspondence

No Further Action:

Author: Schiermeister, Robin

Notes:

Received sample results 19-C35 to 19-C36. The results from 19-C35 show high diesel range organics of 4040 ug/L and the results from 19-C36 show high diesel range organics with a value of 667 ug/g. Further follow-up is necessary due to the contamination being above NDDEQ standards of 100 ppm.

Updated Volumes and Contaminant None at the time of this update

Date: 9/16/2020 **Status:** Inspection - More Follow-up Required **No Further Action:**

Author: DeVries, Taylor

Notes:

Inspection Date: 9/16/2020

Arrived on location at 1115. The fenced off area is growing vegetation very well. It looks like it is a wheat type crop. The low lying area next to the power pole has no vegetation growth except for a few sparse cattails. Further follow-up is needed.

Note: Upon this inspection, there looks to be 2 more new spills off location. The grass is dead next to the lease road and off pad by the tanks. Contact will be made with Citation on these.

Photos were taken and can be found in the report folder.

Updated Volumes and Contaminant None at the time of this update

Date: 5/4/2021 **Status:** Inspection - Vegetation Check **No Further Action:**

Author: Crowdus, Kory

Notes:

On location 5/4/2021 at 3:50pm. Walked the site and took photos. There are multiple incidents open for this location and further examination of previous documents is needed before making a determination on site closure. Further follow-up is required.

Updated Volumes and Contaminant None at the time of this update

Date: 11/3/2021 **Status:** Inspection - Vegetation Check **No Further Action:**

Author: Suess, Bill

Notes:

This incident has been re-assigned to D. Kaiser.

Updated Volumes and Contaminant None at the time of this update

Date: 10/12/2022 **Status:** Inspection - More Follow-up Required **No Further Action:**

Author: Kaiser, Don

Notes:

Inspected site on 10/5/2022. Took photos. West side of pad has two small circular depression areas with minimal growth. One is near a power pole and the other is in the Southwest corner of the pad. Vegetation on the rest of the West side is healthy and consistent. Follow-up needed.

Updated Volumes and Contaminant None at the time of this update