

Oil Field Environmental Incident Summary

Incident: 20190703170150 **Notice:** 7/3/2019 17:01 **Occurred:** 7/2/2019 14:30

Responsible Party: Cobra Oil & Gas Corporation
Well Operator: ENDURO OPERATING, LLC
Well Name: NDCA CTB
Field Name: MCGREGOR
Well File #:
Facility ID #: 202009-01
County: WILLIAMS
Twp Rng Sec Qtr: 158 95 16 NE NW
Location Description:
Submitted By: Edward Winters
Received By:
Contact Info: Charles Gibson

777 MAIN STREET
 SUITE 600
 FORT WORTH TX 76102

Affected Medium: Well/Facility Soil
General Land Use: Well/Facility Site

Near. Occupied Bldg:
Nearest Water Well:

Type of Incident: Pipeline Leak
Release Contained: No
Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
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Oil						
Brine	40	Barrels	40	Barrels		

Other

Oth Rel. Contaminant: No other fluids were released.

Date Inspected:

Clean Up Concluded:

Written Report Recd:

Risk Evaluation:

There is no risk to human health.

Areal Extent:

An area of approximately 1300 square feet was impacted along the southern edge of location.

Potential Env. Impacts:

There is no further risk to the environment.

Action Taken/Planned:

The tanks, well and injection pump were shut in and the line isolated. Repairs will be made to the damaged line. A vacuum truck was dispatched and recovered all the released fluids along with 260 bbls of rain/storm water. The line will be inspected and tested prior to being placed back into service.

Wastes Disposal Location:

All recovered fluids will be disposed of in a Cobra operated disposal well. Any impacted soils will be taken to an approved disposal facility.

Other Agencies Involved:

NDIC Inspector Brian Gorman

Updates

Date: 7/2/2019 **Status:** Inspection **No Further Action:**

Author: O'Gorman, Brian

Notes:

On location at 14:44. Mostly Sunny, 64 degrees F, Northwest wind 5 -10 mph. Originally on the location to investigate whether anything had been remediated from a 6/16/2019 incident. But during my investigation it was noted that water was running across the well pad toward the south from a building on the well pad. Field screening of the water showed very high Conductivity values and maximum value chloride strips. A phone call was made to the contact listed on the last spill report and was transferred to a local representative who traveled to the location and turned off the pump. While on location the brine water was draining into a low area south of the well pad that was contained by the natural contours of the area. A water sample was collected from the water traveling off the pad to the low area. A vac truck arrived during my sampling and began to remove the water from the pooled areas. More follow-up needed. Photos added to the incident folder. Sample ID/Chain of Custody forms added to the incident folder (19-C477, 19-C478, 19-C479).

Updated Volumes and Contaminant None at the time of this update

Date: 7/4/2019 **Status:** Reviewed - Follow-up Required **No Further Action:**

Author: O'Gorman, Brian

Notes:

According to the report, 40 barrels of brine was released and impacted an area just off the well pad. Further follow-up needed.

Updated Volumes and Contaminant None at the time of this update

Date: 7/11/2019 **Status:** Inspection **No Further Action:**

Author: Stockdill, Scott

Notes:

Arrived on location 4:04 7/11/2019.

Spill to the south of location. Area has been filled with rainwater. No sign of remedial work having taken place. Sample taken and being analyzed for group 190.

Sample
N.) 48.515322
W.) -102.963302

More follow-up is necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 7/26/2019 **Status:** Inspection **No Further Action:**

Author: Biemiller, Richard

Notes:

Arrived on site 07/25/2019 at 415PM. It was sunny and in the 80's. No apparent remediation has taken place outside of the pad. There was a small pool of water near the fence on the south side that smelled salty. Also, a small area off the east side of the pad may need to be looked at as well. Follow-up needed.

Updated Volumes and Contaminant None at the time of this update

Date: 10/29/2019 **Status:** Correspondence - More Follow-up Required **No Further Action:**

Author: Martin, Russell

Notes:

Lab results added to incident folder.

Updated Volumes and Contaminant None at the time of this update

Date: 2/6/2020 **Status:** Correspondence - More Follow-up Required **No Further Action:**

Author: Martin, Russell

Notes:

Update from responsible party "Due to the subzero temperatures, we are waiting on more favorable weather conditions to take vertical bores and delineate the soil to evaluate this site. The impact area was continually flooded due to storm events throughout the fall and trying to collect bore samples to depth with the frozen soil conditions may bias the samples collected. "

Updated Volumes and Contaminant None at the time of this update

Date: 12/1/2020 **Status:** Correspondence - More Follow-up Required **No Further Action:**

Author: Martin, Russell

Notes:

Discussed site with RP in early 2020. Plans as of 4/1/2020 were that once remaining water in depression was gone, sampling would be done to determine concentration and depth of impact. As of 12/1/2020 no update has been received by the Department. More follow-up with RP to determine status of site.

Updated Volumes and Contaminant None at the time of this update

Date: 6/10/2021 **Status:** Inspection - More Follow-up Required **No Further Action:**

Author: Martin, Russell

Notes:

6/7/2021 at 13:34, on location. Walked depression which is partially dry. Vegetation visible throughout the depression as you get further from the CTB, however, erosional areas off the CTB pad are bare and show evidence of salt water impact (salt crystals and high electrical conductivity). More follow-up needed.

Updated Volumes and Contaminant None at the time of this update

Date: 12/17/2021 **Status:** Correspondence - More Follow-up Required **No Further Action:**

Author: Suess, Bill

Notes:

This spill impacted the same area as Incident #20190617083030. That incident has been closed and will be tracked here.

Updated Volumes and Contaminant None at the time of this update

Date: 7/28/2022 **Status:** Inspection - No Action Required

No Further Action:

Author: Suess, Bill

Notes:

Inspected the site on 7/26/2022. The vegetation looks healthy except for one area adjacent to the well pad and a wetland. This area appears to have recently had standing water on it, most likely from the wetland overflow due to heavy precipitation. Vegetation is beginning to grow in this area and conductivity readings are less than 4 mS. Chloride field analysis of the wetland indicates chloride concentrations below 200 mg/L. No further action is warranted.

Updated Volumes and Contaminant None at the time of this update