

Oil Field Environmental Incident Summary

Incident: 20190426155949 **Notice:** 4/26/2019 15:59 **Occurred:** 4/24/2019 1430

Responsible Party: XTO ENERGY INC.
Well Operator: XTO ENERGY INC.
Well Name: BEAR CREEK UNIT 27-1
Field Name: BEAR CREEK
Well File #: 14695
Facility ID #:
County: DUNN
Twp Rng Sec Qtr: 148 96 27
Location Description: 47.602769, -102.889430
Submitted By: Kaylan Dirkx
Received By:
Contact Info: Kaylan Dirkx
 110 WEST 7TH STREET
 FORT WORTH TX 76102

Affected Medium: Topsoil
General Land Use: Pasture
Near. Occupied Bldg: 0.2 Mile
Nearest Water Well: 2.5 Mile
Type of Incident: Pipeline Leak
Release Contained: No
Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil						
Brine	1900	Barrels	20	Barrels		

Other
Oth Rel. Contaminant:
Date Inspected:
Clean Up Concluded:
Written Report Recd:
Risk Evaluation:

None-release was isolated and impact area is being delineated.

Areal Extent:
 Delineation in progress.

Potential Env. Impacts:
 No impact to surface water. Soil impact is still being delineated.

Action Taken/Planned:
 Line was isolated and flushed. One Call was placed and landowner, NDIC and NDDEQ were verbally notified.
 Surface impact currently being cleaned up and delineation is still in progress. Updates will be provided to NDIC and NDDEQ as more information is available.

Wastes Disposal Location:
 Chimney Butte

Other Agencies Involved:

NDDEQ

Updates

Date: 4/26/2019 **Status:** Reviewed - Follow-up Required

No Further Action:

Author: Martin, Russell

Notes:

Release due to pipeline leak on pipeline ROW. Follow-up is necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 5/3/2019 **Status:** Inspection

No Further Action:

Author: Schiermeister, Robin

Notes:

Arrived on site at 12:00 CT on 4-30-2019. It was cloudy with temperatures in the 30s. The release occurred at GPS point 47.602769, -102.889430 or on the pipeline ROW southwest of the well pad. Currently the pipeline is exposed and the responsible party has excavated a 1 X 200 foot trench approximately 2 feet in depth, down the hillside to the southeast. A catchment basin was put in at the end of the trench. A ditch is approximately 10 feet away from the basin that leads to a culvert. Probed the area with an EC probe and compared it to background. The EC recordings are shown below:

Background - 405uS
Next to trench - 27.7mS
East side of culvert - 2.83mS
Ditch west side of the culvert - 19.6mS
Couple feet past the trench - 4.06mS

The numbers are pretty high when compared to the background, especially near the trench. It also shows that some contamination may have entered the ditch and culvert. At this time, the responsible party needs to delineate the area further and continue remediation. Further follow-up is needed.

Updated Volumes and Contaminant None at the time of this update

Date: 5/6/2019 **Status:** Correspondence

No Further Action:

Author: DeVries, Taylor

Notes:

Update:

Received an email from XTO. Delineation and assessment of the site is still underway. With current and available information, XTO believes approximately 1,900 barrels of production water was released. It is believed to be contained within the 2 distinct right of ways, which are the right of way of XTO's gathering line and a electric line. The point of release is where the two lines intersect. The cause of the release is believed to be a result of installation of the electric line.

XTO has a 3rd party consultant for the delineation.

Further follow-up is needed. Follow-up on delineation progress.

Email can be found in the report folder.

Updated Volumes and Contaminant None at the time of this update

Date: 5/7/2019 **Status:** Correspondence **No Further Action:**

Author: DeVries, Taylor

Notes:

Received a phone call from XTO. Update for this release:

Electromagnetic survey has been completed at the site. A sampling plan and further remediation are to follow those EM results.

Updated Volumes and Contaminant None at the time of this update

Date: 5/7/2019 **Status:** Inspection **No Further Action:**

Author: Stockdill, Scott

Notes:

Arrived on location 4:53 5/7/2019.

Large release starting on hillside flowing to the SE, crossing road and appearing to terminate there. Samples will be necessary from company to determine the full extent of the impacts. Release appears to happen in sandy soil. Responsible party has dug down 2-3' BSG however there are still visible salt impacts on location. There is a container to haul waste still on site.

More follow-up is necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 5/17/2019 **Status:** Inspection **No Further Action:**

Author: DeVries, Taylor

Notes:

Inspection Date: 5/17/2019

Arrived at location at 1150. The site has not changed from the last inspection, from what I can tell. There has been no remediation work done in the forested area by the culvert. Further follow-up is needed with XTO to determine further remediation plans.

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

Updated Volumes and Contaminant None at the time of this update

Date: 5/22/2019 **Status:** Inspection **No Further Action:**

Author: Crowdus, Kory

Notes:

On location 5/22/2019, at 3:20pm. No changes from previous inspection. Further follow-up is required.

Updated Volumes and Contaminant None at the time of this update

Date: 6/1/2020 **Status:** Correspondence - More Follow-up Required **No Further Action:**

Author: DeVries, Taylor

Notes:

An inspection will be made at this location during 2020. Vegetation regrowth should be assessed.

Updated Volumes and Contaminant None at the time of this update

Date: 8/18/2020 **Status:** Inspection - More Follow-up Required **No Further Action:**

Author: DeVries, Taylor

Notes:

Inspection Date: 8/18/2020

Arrived on location at 1450. The grass has grown back on most of the hillside. There is some erosion matting in place. This area is currently being grazed by cattle. There are 3 to 4 trees on the opposite side of the road that are dead or dying. Contact will be made with landowner on the remediation done on this location.

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

Updated Volumes and Contaminant None at the time of this update

Date: 1/14/2021 **Status:** Correspondence - More Follow-up Required **No Further Action:**

Author: DeVries, Taylor

Notes:

Received an email from XTO with their annual report for this incident. As well as a note in the email saying that the landowner is in agreement with the environmental company's suggestion of 2 more vegetation inspections within the year 2021.

Report and email can be found in the report folder.

Updated Volumes and Contaminant None at the time of this update

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

Author: Crowdus, Kory

Notes:

On location 5/5/2021 at 12:10pm. Vegetation is recovering well on the hillside. Growth is consistent with surrounding area. There is an area near the road and roadside ditch with limited growth. This may be a result of a different incident. Further follow-up needed.

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: 12/7/2021 **Status:** Correspondence - No Action Required **No Further Action:**

Author: DeVries, Taylor

Notes:

Received a closure report from XTO. This report includes a vegetation assessment from this year. With the confirmation soil sample results, XTO's vegetation assessment and the NDDEQ's site inspection, no further follow-up is needed at this time.

Report can be found in the incident folder.

Updated Volumes and Contaminant None at the time of this update

Date: 12/7/2021 **Status:** Correspondence - No Action Required **No Further Action:**

Author: DeVries, Taylor

Notes:

Taylor DeVries sent a No Further Action letter dated December 7, 2021.

Updated Volumes and Contaminant None at the time of this update