

Oil Field Environmental Incident Summary

Incident: 20190509110702 **Notice:** 5/9/2019 11:07 **Occurred:** 5/8/2019 15:30

Responsible Party: COBRA OIL & GAS CORPORATION

Well Operator: COBRA OIL & GAS CORPORATION

Well Name: TENNECO 3-17

Field Name: MCKINNEY

Well File #: 10980

Facility ID #:

County: RENVILLE

Twp Rng Sec Qtr: 161 86 17

Location Description: Release occurred north of the well in the landowners field.

Submitted By: Edward Winters

Received By:

Contact Info:
Charles Gibson
2201 Kell Boulevard
Wichita Falls TX 76308

Affected Medium: Topsoil

General Land Use: Cultivated

Near. Occupied Bldg:

Nearest Water Well:

Type of Incident: Pipeline Leak

Release Contained: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil	2	Barrels				
Brine	70	Barrels	70	Barrels		
Other						

Oth Rel. Contaminant: No other fluids were released.

Date Inspected:

Clean Up Concluded:

Written Report Recd:

Risk Evaluation:

There is no immediate risk to human health.

Areal Extent:

The release impacted an area approximately 320' x 110' with unknown vertical extent at this time.

Potential Env. Impacts:

No further impacts to the environment.

Action Taken/Planned:

The wells associated with this facility have been shut-in. The area of the pipeline leak will be excavated and the line repaired. The flow line will be pressure tested and placed back into service after the repairs are completed. All well will be returned to production.

Wastes Disposal Location:

All oil impacted soils will be excavated and hauled to disposal at Clean Harbors in Sawyer, ND.

Other Agencies Involved:

NDIC Inspector Scott Dehile

Updates

Date: 5/9/2019 **Status:** Reviewed - Follow-up Required **No Further Action:**

Author: DeVries, Taylor

Notes:

According to the incident report, the release of crude oil and production water was not contained to the well pad. Further follow-up is needed.

Updated Volumes and Contaminant None at the time of this update

Date: 5/9/2019 **Status:** Inspection **No Further Action:**

Author: Torgerson, Brad

Notes:

On 5/9/2019 at 4:37 pm - Partly Cloudy and 52 Degrees F - I visited the Cobra Oil & Gas Corp Tenneco #3-17 production facility. Puddles of what appeared to be produced water and some crude oil were observed about 50 yards north of the production well in a field (Lat: 48.774023, Long: -101.865217). The surface area of the puddles appeared to measure approximately 100 yards from south to north and 30 yards to 50 yards east to west. No excavation of the impacted area had occurred. Further follow-up appears to be necessary.

Updated Volumes and Contaminant None at the time of this update

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

Author: O'Gorman, Brian

Notes:

Arrived on location at 12:15. 58 degrees F, Cloudy, Northeast wind 15-25 mph. Observed the site and took photos. During the inspection multiple semi-trucks were loading excavated soil from an area approximately 120 yards (north/south) and 50 to 60 yards (east/west). The excavation depth was approximately 1.5' to 3 feet in the north and south section with the depth approximately 4 feet in the center section where the pipeline was exposed. White (brine impacted?) soils were noted in the bottom of the excavation and along some of the sides of the excavation. More follow-up is needed. Photos added to the incident folder.

Updated Volumes and Contaminant None at the time of this update

Date: 6/4/2019 **Status:** Inspection **No Further Action:**

Author: O'Gorman, Brian

Notes:

Arrived on location at 9:00. 70 degrees F, Sunny, Northwest wind 15-25 mph. Met with a Cobra representative who escorted me around the base of the excavation to take EC readings with the field EC probe. Background readings showed EC values around 1,000 us/cm to 4,000 us/cm at 18" of depth in a low area west of the excavation. EC readings taken in the excavation varied from 2,500 us/cm near the north end at a few inches to 18,000 us/cm in a puddle north of the center. Readings were generally between 5,000 us/cm to 12,000 us/cm in the excavation floor. The east wall showed elevated levels from 5,000 us/cm to 18,000 us/cm moving from the top to the bottom of the soil profile. More follow-up is needed. Photos added to the incident folder.

Updated Volumes and Contaminant None at the time of this update

Date: 6/7/2019 **Status:** Correspondence **No Further Action:**

Author: O'Gorman, Brian

Notes:

Received an email from the company's consultant asking what the Department has determined for the site. Email added to the incident folder. More follow-up needed.

Updated Volumes and Contaminant None at the time of this update

Date: 8/16/2019 **Status:** Correspondence **No Further Action:**

Author: Martin, Russell

Notes:

Conference call with responsible party and consultant. Discussed cleanup and remediation methods. Added supplied documents to file.

Updated Volumes and Contaminant None at the time of this update

Date: 11/13/2019 **Status:** Inspection - More Follow-up Required **No Further Action:**

Author: Martin, Russell

Notes:

11/7/2019 at 09:40, on location. Excavation north of the wellpad currently open, personnel with a third-party contractor currently removing water that has filled the excavation. Currently, most of the water in the excavation is frozen over, however there is open water next to where water is being pumped out into a 400 bbl tank before being removed by pumper trucks. Witnessed one such unloading during the inspection, according to the personnel the water is being disposed of at a salt water disposal. Tested some of the water that was being removed from the 400 bbl tank, which had a reading of 7.0 on the Quantab strip used. This corresponds to 2534 ppm chlorides. More follow-up needed.

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, consultant is working on final report for site.

Updated Volumes and Contaminant None at the time of this update

Date: 2/14/2020 **Status:** Inspection - More Follow-up Required **No Further Action:**

Author: Martin, Russell

Notes:

2/12/2020 at 16:18, on location. Excavation filled in, however some of the fill appears to be large blocks of dirt that protrude from the ground surface. Area will need to be levelled and blocks broken down.

Updated Volumes and Contaminant None at the time of this update

Date: 4/2/2020 **Status:** Correspondence - Vegetation Check **No Further Action:**

Author: Martin, Russell

Notes:

Received final report for site, and response to questions prompted by the final report. Added both to folder. Based on sampling results in final report, only a vegetation check is needed this summer.

Updated Volumes and Contaminant None at the time of this update

Date: 9/9/2020 **Status:** Inspection - No Action Required **No Further Action:**

Author: Martin, Russell

Notes:

9/3/2020 at 17:55, on location. Field has been planted and harvested. Crop appears uniform, with no visible bare spots. No further follow-up needed.

Updated Volumes and Contaminant None at the time of this update