

Oil Field Environmental Incident Summary

Incident: 20161012074925 **Date/Time of Notice:** 10/12/2016 07:49

Responsible Party: CONTINENTAL RESOURCES, INC.

Well Operator: CONTINENTAL RESOURCES, INC.

Well Name: NORFOLK 1-1H

Field Name: NORTH TOBACCO GARDEN

Well File #: 20676

Date Incident: 10/11/2016 **Time Incident:** 10:30

Facility ID Number:

County: MCKENZIE

Twp: 151

Rng: 99

Sec: 1

Qtr:

Location Description:

Submitted By: NATE STANHOPE

Received By:

Contact Person: NATE STANHOPE
PO BOX 268870
OKLAHOMA CITY, OK 73126

General Land Use: Pasture

Affected Medium: Topsoil

Distance Nearest Occupied Building:

Distance Nearest Water Well:

Type of Incident: Equipment Failure

Release Contained in Dike: No

Reported to NRC: No

Spilled Units

Recovered Units

Followup Units

Oil

Brine

Other

Description of Other Released Contaminant:

Inspected:

Written Report Received:

Clean Up Concluded:

Risk Evaluation:

Fire potential

Areal Extent:

Currently assessing

Potential Environmental Impacts:

Topsoil and vegetation

Action Taken or Planned:

Added a stim valve and additional BOP on the well head. Currently assessing the area to use in-situ remediation for lightly misted pasture off location and on location pad material.

Wastes Disposal Location: TBD

Agencies Involved: Local Law Enforcement
McKenzie County DES
Richard Dunn w/ NDIC
Bill Suess w/ NDDoH

Updates

Date: 10/11/2016 **Status:** Inspection

Author: Stockdill, Scott

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location 14:26, 10/11/2016.

Loss of well control approximately 10:30 AM, 10/11/2016. At the time of arrival, the well is still not under control. Mist of hydrocarbons, Gas and produced water is spraying to the south of the location across a pasture and a dry, wooded drainage. Responsible party personnel are on location as well as third party contractors. Environmental staff were placing absorbent booms in the possible flow path off of the well location. The drainage to the east of the well location is approximately 150 yards away, running north to south before terminating in a stock pond 1/2 mile away. At the time of inspection, there were no impacts to waters of the state, but there is a high risk in the event of rain/snow runoff and the proximity of the nearby drainage.

By approximately 18:30, well control was obtained. On-site inspection of the area with responsible party environmental staff showed standing oil and water mix that was flowing off the well location to the east and terminating 20 yards away from the well location. The material released from the wellhead sprayed roughly 400 yards to the south and between 100 and 200 yards to the southeast. There are visual impacts to the trees and vegetation in the drainage. The responsible party is going to place a temporary dike in the drainage in case of runoff.

More follow-up is necessary.

Date: 10/12/2016 **Status:** Inspection

Author: Stockdill, Scott

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location 13:00, 10/12/2016.

Responsible party personnel are planning to cut down the impacted vegetation and bag the contaminated material. The heaviest impacts are nearest to the well site, with a significant amount of produced water flowing off of the location to the east. The area to the south in the direction of the spray is heavily stained. There is a visual sheen and wetness due to spray from the well to the south and southeast. The responsible party has talked to the landowner and is looking at in-situ remediation for the impacted area. It was recommended that the responsible party place absorbent booms or hay bales to stop the spread of contaminants into the drainage in case of heavy rain or snowfall.

More follow-up is necessary.

Date: 10/12/2016 **Status:** Reviewed - Immediate Inspection Required

Author: O'Gorman, Brian

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Release, due to equipment failure, was not contained to facility according to the report. NDDoH was informed of the release yesterday via phone. NDDoH field inspector Scott Stockdill was on location afternoon of 10/11/16. More follow-up needed.

Date: 10/19/2016 **Status:** Inspection

Author: Schiermeister, Robin

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location 15:00, 10-19-16. Responsible party mowed the impacted vegetation and bagged it. There are still signs of contamination in the impacted area and on the trees around the perimeter. It was recommended that the responsible party place absorbent booms or hay bales to stop the spread of contaminants around the impacted area. However, at this time there was only a boom near the hole in the soil berm on the west side of the well pad. More follow-up is necessary to ensure proper cleanup.