

**State of Colorado  
Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax: (303)894-2109



FOR OGCC USE ONLY

**SPILL/RELEASE REPORT**

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and

Spill report taken by:

FACILITY ID:

**OPERATOR INFORMATION**

Name of Operator: <u>Petroleum Development Corporation</u>	OGCC Operator No: <u>69175</u>	Phone Numbers
Address: <u>1775 Sherman Street, Suite 3000</u>		No: <u>(303) 860-5800</u>
City: <u>Denver</u>	State: <u>CO</u> Zip: <u>80203</u>	Fax: <u>(970) 860-5838</u>
Contact Person: <u>Randall Ferguson</u>		Email: <u>rferguson@petd.com</u>

**DESCRIPTION OF SPILL OR RELEASE**

Date of Incident: <u>8/9/2010</u>	Facility Name & No: <u>Avery 10B, 13, 23-10, 24-10D</u>	County: <u>Weld</u>
Type of Facility (well, tank battery, flow line, pit): <u>Tank Battery</u>	QtrQtr: <u>SWSW</u>	Section: <u>10</u>
Well Name and Number: <u>Avery 10B</u>	Township: <u>6N</u>	Range: <u>65W</u>
API Number: <u>05-123-20292</u>	Meridian: <u>6th</u>	

Specify volume spilled and recovered (in bbls) for the following materials:

Oil spilled: 11 Oil recov'd: 0 Water spilled: 0 Water recov'd: 0 Other spilled: 0 Other recov'd: 0

Ground Water impacted? ☒ Yes ☐ No Surface Water impacted? ☐ Yes ☒ No

Contained within berm? ☐ Yes ☒ No Area and vertical extent of spill: 30' N-S x 20' E-W x 12' depth

Current land use: Oil and Gas Production Facility Weather conditions: Mid 90s

Soil/geology description: Haverson loam, 1 to 3 percent slopes

**IF LESS THAN A MILE**, report distance **IN FEET** to nearest ... Surface water: 1,125' SE wetlands: NA buildings: 300' E

Livestock: Unknown Water wells: 910' SW Depth to shallowest ground water: 7'

Cause of spill (e.g. equipment failure, human error, etc.): Equipment failure Detailed description of the spill/release incident:

During a routine site check, a pumper noticed oil on the ground at the oil dump riser. Subsequent investigation determined the cause was a leak in the oil dump line.

**CORRECTIVE ACTION**

Describe immediate response (how stopped, contained and recovered): Impacted soil was excavated and transported offsite for disposal. Soil samples were collected from the extent of the excavation and submitted for laboratory analysis of BTEX, TPH-GRO by EPA method 8260B and TPH-DRO by EPA modified method 8015. An initial groundwater sample was collected and submitted for analysis of BTEX by EPA method 8260B. Lab results indicated that benzene, toluene and xylenes exceeded the CDPHE WQCC Reg 41 standards. A vacuum truck recovered approx. 30 bbls of impacted groundwater from the excavation. A second groundwater sample was collected and submitted for BTEX analysis. At this time, groundwater exceeds the benzene standards. A topographic site location map and site map are provided as Figures 1 and 2.

Describe any emergency pits constructed: NA

How was the extent of contamination determined? Excavation and sampling activities. Analytical results of samples collected on 8/12 and 8/20/2010 indicate impacted groundwater. See attached laboratory analytical results.

Further remediation activities proposed (attach separate sheet if needed): A vacuum truck is scheduled to continue to recover impacted groundwater from the excavation. A Form 27 will be submitted to summarize additional activities.

Describe measures taken to prevent problem from reoccurring: The oil dump line leak was repaired.

**OTHER NOTIFICATIONS**

List the parties and agencies notified (County, BLM, EPA, DOT, Local Emergency Planning Coordinator or other).

Date	Agency	Contact	Phone	Response
8/11/2010	COGCC	John Axelson	303-637-7178	Notification via email.

Spill/Release Tracking No: \_\_\_\_\_