

**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 (PDC)</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>12/14/2009</u> Facility Name & No: <u>Village 31, 32, 41, 42, -16U 16SDU 16 VDU</u>	County: <u>Weld</u>
Type of Facility (well, tank battery, flow line, pit): <u>Tank Battery</u>	QtrQtr: <u>SENE</u> <u>16</u>
Well Name and Number: <u>NA (Tank Battery Site)</u>	Township: <u>5N</u> <u>67W</u>
API Number: <u>NA (Tank Battery Site)</u>	Meridian: <u>6th</u>
Specify volume spilled and recovered (in bbls) for the following materials: <u>unknown</u>	
Oil spilled: <u>Unk</u> Oil recov'd: <u>5 BBLS</u> Water spilled: <u>na</u> Water recov'd: _____ Other spilled: _____ Other recov'd: _____	
Ground Water impacted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Surface Water impacted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Contained within berm? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Area and vertical extent of spil <u>20' X 30'</u>
Current land use: <u>Tank battery area / Dry land</u> Weather conditions <u>20's dry</u>	
Soil/geology description: <u>Colby loam 3% to 5%</u>	
IF LESS THAN A MILE, report distance IN FEET to nearest ... Surface water: <u>200' south UN</u> wetlands: <u>NA</u> buildings: <u>> 1m</u>	
Livestock: <u>NA</u> Water wells <u>NA</u> Depth to shallowest ground water: <u>Unk</u>	
Cause of spill (e.g. equipment failure, human error, etc.): <u>Frac Tank Overflow/Human Error</u> Detailed description of the spill/release incident:	
PDC-Pumper pulled onto location and saw fluid overflowing a 500 bbl frac tank. Fluid ran about 30' east and north of the frac tank but remained confined to location. Vacuum truck was called and vacuumed up approximately 5bbls from the ground. 10 cu/yds of contaminated soil was taken to North Weld Waste Management Facility for disposal.	

CORRECTIVE ACTION

Describe immediate response (how stopped, contained and recovered): Pumper call Supervisor who schedule vacuum truck to location.
Describe any emergency pits constructed:
How was the extent of contamination determined? Scraped up what soil we could off of the frozen ground around the frac tank on location. Only removed 10 cu yds. Site is still slightly impacted on the surface with small patches of the crude oil staining.
Further remediation activities proposed (attach separate sheet if needed): Wait until ground thaws and remove more of the surface contamination (est. 5-10 cuyds). Apply organic matter and high nitrogen fertilizer to 2-3" into the soil. Monitor soil this spring with PID meter. Take confirmation samples when field screenings show area to be remediated to COGCC standards. With submit a Form 27 to COGCC.
Describe measures taken to prevent problem from reoccurring: Install new coated piping for water and oil lines at facility.

OTHER NOTIFICATIONS

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

Date	Agency	Contact	Phone	Response
12/18/2009	COGCC	John Axelson		E-mail
12/15/2009	Landowner	Unknown	x	Landowner notified by Steve Tracey (PDC Land)

Spill/Release Tracking No: _____