

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

401298741

Date Received:

06/02/2017

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

450195

## SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to COGCC Rule 906.b. for reporting requirements of spills or releases of E&P Waste or produced fluids. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

### OPERATOR INFORMATION

Name of Operator: K P KAUFFMAN COMPANY INC

Operator No: 46290

Address: 1675 BROADWAY, STE 2800

City: DENVER

State: CO

Zip: 80202

Contact Person: Susana Lara-Mesa

#### Phone Numbers

Phone: (303) 825-4822

Mobile: (303) 825-4822

Email: slaramesa@kpk.com

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401272151

Initial Report Date: 05/02/2017

Date of Discovery: 05/01/2017

Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWSW SEC 7 TWP 2N RNG 66W MERIDIAN 6

Latitude: 40.151412 Longitude: -104.819103

Municipality (if within municipal boundaries): County: WELD

#### Reference Location:

Facility Type: TANK BATTERY

☐ Facility/Location ID No☒ No Existing Facility or Location ID No.☐ Well API No. (Only if the reference facility is well) 05- -

#### Fluid(s) Spilled/Released (please answer Yes/No):

Was one (1) barrel or more spilled outside of berms or secondary containment? No

Secondary containment, **including walls & floor regardless of construction material**, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.

Were Five (5) barrels or more spilled? No

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): &gt;=1 and &lt;5

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): 0

Estimated Other E&amp;P Waste Spill Volume(bbl): 0

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify:

#### Land Use:

Current Land Use: NON-CROP LAND

Other(Specify):

Weather Condition: 50 deg. F; Clear, sunny sky.

Surface Owner: FEE

Other(Specify):

#### Check if impacted or threatened by spill/Release (please answer Yes/No to all that apply):

Waters of the State ☐ Residence/Occupied Structure ☐ Livestock ☐ Public Byway ☐ Surface Water Supply Area ☐

As defined in COGCC 100-Series Rules

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

On May 1, 2017, oil was discovered inside containment area at the Rolland A. Johnson tank battery. No contamination was observed outside of the containment area. A vac truck was dispatched to the location the same day of discovery to remove released oil that had pooled within the containment area. The remaining oil in the storage tank was also removed with the vac truck to prevent any further release. After recovering spilled oil on the surface, it was determined that the spill was a result of a hole that had formed in the storage tank. The damaged storage tank will be removed from location to allow for excavation activities and later be replaced with a storage tank in proper working condition. Excavation of the spill area began on May 2, 2017, to determine extent of contamination below ground surface. Any contaminated soil that is excavated will be disposed of at a certified disposal facility.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
5/2/2017	Weld County	Ben Frissell	970-304-6415	Email notification. Waiting for response.
5/2/2017	Landowner	Private	-	Phone call

**SPILL/RELEASE DETAIL REPORTS**

#1	Supplemental Report Date: 06/02/2017		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL			<input checked="" type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	0	0	<input type="checkbox"/>
DRILLING FLUID	0	0	<input type="checkbox"/>
FLOW BACK FLUID	0	0	<input type="checkbox"/>
OTHER E&P WASTE	0	0	<input type="checkbox"/>
specify: _____			
Was spill/release completely contained within berms or secondary containment? <u>YES</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, <b>including walls &amp; floor regardless of construction material</b>, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
<b>A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit</b>			
Impacted Media (Check all that apply) <input checked="" type="checkbox"/> Soil <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): <u>44</u>		Width of Impact (feet): <u>35</u>	
Depth of Impact (feet BGS): <u>3</u>		Depth of Impact (inches BGS): <u>6</u>	
How was extent determined?			
Following the removal of the storage tanks, KPK began excavation activities within the facility's containment berm on May 3, 2017. Horizontal extent of contamination was able to be defined using a PID to field screen excavated areas using ambient temperature head space measurements. Excavation reached a depth of 3 below ground surface when groundwater was encountered. A groundwater sample was collected and analyzed for BTEX constituents to determine if groundwater has been impacted.			
Soil/Geology Description:			
Aquolls and Aquepts, gravelly substratum.			
Depth to Groundwater (feet BGS) <u>3</u>		Number Water Wells within 1/2 mile radius: <u>19</u>	
If less than 1 mile, distance in feet to nearest		Water Well <u>443</u> None <input type="checkbox"/>	Surface Water <u>228</u> None <input type="checkbox"/>
		Wetlands <u>50</u> None <input type="checkbox"/>	Springs <u>        </u> None <input checked="" type="checkbox"/>
		Livestock <u>50</u> None <input type="checkbox"/>	Occupied Building <u>328</u> None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			

## CORRECTIVE ACTIONS

#1	Supplemental Report Date:	06/02/2017
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Cause of Spill (Check all that apply) ☐ Human Error ☒ Equipment Failure ☐ Historical-Unknown  
☐ Other (specify) \_\_\_\_\_

Describe Incident & Root Cause (include specific equipment and point of failure)

On May 1, 2017, one (1) 300 bbl oil tank failed causing the release of less than 5 bbl of oil into the spill containment area of the tank battery. The tank failure was a result of a small hole that had formed on the side of the storage tank due to corrosion. KPK discovered the release on May 2, 2017, and immediately brought in equipment to remove released oil remaining at the surface.

Describe measures taken to prevent the problem(s) from reoccurring:

KPK has removed both 300 bbl oil tanks from location and following cleanup activities, will install proper working condition storage tank(s) back at the facility.

Volume of Soil Excavated (cubic yards): 341

Disposition of Excavated Soil (attach documentation) ☒ Offsite Disposal ☐ Onsite Treatment  
☐ Other (specify) \_\_\_\_\_

Volume of Impacted Ground Water Removed (bbls): 0

Volume of Impacted Surface Water Removed (bbls): 0

## REQUEST FOR CLOSURE

**Spill/Release Reports should be closed when impacts have been remediated or when further investigation and corrective actions will take place under an approved Form 27.**

Basis for Closure: ☒ Corrective Actions Completed (documentation attached)

☐ Work proceeding under an approved Form 27

Form 27 Remediation Project No: \_\_\_\_\_

## OPERATOR COMMENTS:

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Susana Lara-Mesa

Title: VP of Engineering Date: 06/02/2017 Email: slaramesa@kpk.com

## COA Type

## Description

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## Attachment Check List

### Att Doc Num

### Name

401298743	SITE MAP
401298744	ANALYTICAL RESULTS
401299034	DISPOSAL MANIFEST

Total Attach: 3 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)