

State of Colorado
Energy & Carbon Management Commission

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Document Number:

403664577

Date Received:

01/24/2024

Spill report taken by:

Brown, Kari

Spill/Release Point ID:

485896

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 912.b. for reporting requirements of spills or releases of E&P Waste, produced Fluids, or unauthorized Releases of natural gas. Submit a Site Investigation and Remediation Workplan (Form 27) if Rule 913.c. applies.

OPERATOR INFORMATION

Name of Operator: <u>KP KAUFFMAN COMPANY INC</u>	Operator No: <u>46290</u>	Phone Numbers
Address: <u>1700 LINCOLN ST STE 4550</u>		Phone: <u>(720) 8689848</u>
City: <u>DENVER</u>	State: <u>CO</u>	Mobile: <u>(303) 5508872</u>
Zip: <u>80203</u>		Email: <u>jpeterson@kpk.com</u>
Contact Person: <u>John Peterson</u>		

☐ Transfer of Operatorship: Pursuant to Rule 912.f, this Supplemental Form 19 is being submitted to designate the Buying Operator as the responsible Operator for this Spill and Release.

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 403661074

Initial Report Date: 01/19/2024 Date of Discovery: 01/18/2024 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR NWNW SEC 4 TWP 1N RNG 63W MERIDIAN 6

Latitude: 40.087465 Longitude: -104.448459

Municipality (if within municipal boundaries): Weld County: WELD

Enter Lat./long measurement of the actual Spill/Release Point. Lat./Long. Data shall meet standards of Rule 216.

Reference Location:

Facility Type: FLOWLINE SYSTEM

☒ Facility/Location ID No 318666

Spill/Release Point Name: Julian Pluss #1 Tank Battery

☐ Well API No. (Only if the reference facility is well) 05- -

☐ No Existing Facility or Location ID No.

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

Estimated Oil Spill Volume(bbl): 0

Estimated Condensate Spill Volume(bbl): >0 and <1

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): 0

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

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Has the subject Spill/Release been controlled at the time of reporting? Yes

Land Use:

Current Land Use: CROP LAND

Other(Specify): _____

Weather Condition: sunny, cold, 30 degrees

Surface Owner: FEE

Other(Specify): Prospect Valley Holsteins LLC

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

Condensate was observed coming out at the ground surface from the flowline into the separator on the afternoon of 1/18/2024 at 2pm by a pumper visiting the site. The Julian Pluss 1 well is predominantly a gas well, the liquids daylighting at the surface are a condensate mist but are contained on location and predominantly within the berm around the separator. The surface staining is approximately 150 square feet (10'x15'). KPK has shut-in the well and isolated the underground line. Scraping of surface soil with condensate has been completed. Additional excavation and line repair ongoing. Collected source area sample and background soil sample.

List of Agencies and Other Parties Notified Pursuant to Rule 912.b.(7)-(11):

OTHER NOTIFICATIONS

<u>Date</u>	<u>Agency/Party</u>	<u>Contact</u>	<u>Phone</u>	<u>Response</u>
1/18/2024	Weld County OEM	Jason Maxey	-	email and OEM webform
1/18/2024	landowner	Prospect Valley	970-3961381	left voice mail message
1/18/2024	ECMC	Nikki Graber	-	email
1/18/2024	ECMC	Chris Canfield	-	email

REPORT CRITERIA

Rule 912.b.(1) Report to the Director (select all criteria that apply):

- No Rule 912.b.(1).A: A Spill or Release of any size that impacts or threatens to impact any Waters of the State, Public Water System, residence or occupied structure, livestock, wildlife, or publicly-maintained road.
- Waters of the State: n/a Public Water System: n/a
- Residence or Occupied Structure: n/a Livestock: n/a
- Wildlife: n/a Publicly-Maintained Road: n/a
- No Rule 912.b.(1).B: A Spill or Release in which 1 barrel or more of E&P Waste or produced fluids is spilled or released outside of berms or other secondary containment.
- No Rule 912.b.(1).C: A Spill or Release of 5 barrels or more of E&P Waste or produced Fluids regardless of whether the Spill or Release is completely contained within berms or other secondary containment.
- No Rule 912.b.(1).D: Within 6 hours of discovery, a Grade 1 Gas Leak. For a Grade 1 Gas Leak from a Flowline, the Operator also must submit the Form 19 – Initial, document number on a Form 44, Flowline Report, for the Grade 1 Gas Leak
- Enter the approximate time of discovery _____ (HH:MM)
- Enter the Document Number of the Grade 1 Gas Leak Report, Form 44 _____
- Was there a reportable accident associated with either a Grade 1 Gas Leak or an E&P waste spill or release? _____
- Enter the Document Number of the Initial Accident Report, Form 22 _____
- Was there damage during excavation? _____
- Was CO 811 notified prior to excavation? _____
- No Rule 912.b.(1).E: The discovery of 10 cubic yards or more of impacted material resulting from a current or historic Spill or Release. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards.
- Estimated Volume of Impacted Solids (cu. yd.): _____

No	Rule 912.b.(1).F: The discovery of impacted Waters of the State, including Groundwater. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards. The presence of free product or hydrocarbon sheen on Groundwater or surface water is reportable. The presence of contaminated soil in contact with Groundwater or surface water is reportable. Check all that apply: <input type="checkbox"/> The presence of free product or hydrocarbon sheen Surface Water <input type="checkbox"/> The presence of free product or hydrocarbon sheen on Groundwater <input type="checkbox"/> The presence of contaminated soil in contact with Groundwater <input type="checkbox"/> The presence of contaminated soil in contact with Surface water
Yes	Rule 912.b.(1).G: A suspected or actual Spill or Release of any volume where the volume cannot be immediately determined, including a spill or release of any volume that daylight's from the subsurface.
No	Rule 912.b.(1).H: Spill or Release resulting in vaporized hydrocarbon mists that leave the Oil and Gas Location or Off-Location Flowline right of way from an Oil and Gas Location and impacts or threatens to impact off-location property. <input type="checkbox"/> Areas offsite of Oil & Gas Location <input type="checkbox"/> Off-Location Flowline right of way
No	Rule 912.b.(1).I: A Release of natural gas that results in an accumulation of soil gas or gas seeps.
No	Rule 912.b.(1).J: A Release that results in natural gas in Groundwater.

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 01/24/2024					
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown			
OIL	0	0	<input type="checkbox"/>			
CONDENSATE	1	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? NO Was an Emergency Pit constructed? NO						
Secondary containment, including walls & floor regardless of construction material , must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.						
A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit						
Impacted Media (Check all that apply) <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature						
Surface Area Impacted: Length of Impact (feet): 10		Width of Impact (feet): 15				
Depth of Impact (feet BGS): 0		Depth of Impact (inches BGS): _____				
How was extent determined?						
The impacted soil was scraped by shovel and soil was field screened and sampled. Results are pending.						
Soil/Geology Description:						
brown, gravelly, clayey, fine to coarse grained sand (SM). Colby loam based on NRCS map.						
Depth to Groundwater (feet BGS) 32		Number Water Wells within 1/2 mile radius: 9				
If less than 1 mile, distance in feet to nearest	Water Well	797	None <input type="checkbox"/>	Surface Water	482	None <input type="checkbox"/>
	Wetlands	456	None <input type="checkbox"/>	Springs		None <input checked="" type="checkbox"/>
	Livestock	1806	None <input type="checkbox"/>	Occupied Building	1343	None <input type="checkbox"/>
	Additional Spill Details Not Provided Above:					

The directions for each of the potential receptors above are as follows:

Water Well - North west

Surface Water - Lowline Lateral irrigation canal is west of the site. This ditch does not run all year and is not currently running. Lord Reservoir is located 1620' southwest of the site.

Wetlands - The NWI shows riverine at the irrigation ditch 456 to the west of the site but is currently dry. Freshwater emergent wetland is located north of Lord Reservoir 1584' southwest of the site.

Livestock - small barn and pen located east southeast of the site.

Occupied building - Residential home northeast of the site.

The site is located within the Lost Creek Designated Basin and Groundwater Management Area.

The 100-year floodplain is located 694' west of the site.

The site is outside of the buffer for the Keenesburge PWS located east of the site.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 01/24/2024

Root Cause of Spill/Release Natural Force Damage

Other (specify)

Type of Equipment at Point of Spill/Release: Wellhead Line

If "Other" selected above, specify or describe here:

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

The flowline leak was caused by a severe freezing event in the days prior to discovery. Temps were recorded and sustained below 0 degrees F for several days.

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

KPK uses insulation and heat trace where possible to prevent freezing. The flow line with the leak was below the ground surface less than 3 feet.

Volume of Soil Excavated (cubic yards): 1

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, check all that apply)

☐ Horizontal and Vertical extents of impacts have been delineated.

☐ Documentation of compliance with Table 915-1 is attached.

☐ All E&P Waste has been properly treated or disposed.

☐ Work proceeding under an approved Form 27 (Rule 912.c).

Form 27 Remediation Project No: _____

☐ SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

OPERATOR COMMENTS:

The volume of excavated soil reported on the Corrective Action Report is 1. However, KPK excavated by hand six 5-gallon buckets of impacted soil and transported the soil for disposal at the Front Range Landfill commingled with soil from the North #1 release.

Additional excavation may be required at the site based on analytical results which are pending. KPK is mobilizing excavation equipment to the site to expose the line and repair it. Additional soil disposal and assessment of the subsurface impacts will be performed at that time

and reported in a Supplemental Form 19.

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

Signed: _____ Print Name: John Peterson

Title: Director EHS Date: 01/24/2024 Email: jpeterson@kpk.com

COA Type

Description

	All previous COAs and CAs apply.
	In accordance with 912.a.(2) Operator will investigate, cleanup, and document impacts resulting from Spill and Releases as soon as the impacts are discovered.
	Pursuant to Rule 912.b.(6) Operator is required to submit a Form 19 Supplemental Report for the associated spill within 90 days of the spill date requesting closure pursuant to Rule 913.h and supported by adequate documentation to demonstrate that the Spill or Release has been fully cleaned up and complies with Table 915-1; or A Form 27 if any of the criteria listed in Rules 912.b.(6).B.i–iii apply. If Remediation will continue under an approved Form 27, the Operator will also submit a Form 19 – Supplemental which requests closure of the Spill or Release and includes the Remediation project number assigned by the Director.
	Operator's Corrective Action Report is insufficient. It is both reasonable and necessary to expect freezing temperatures in this region. Operator shall submit a detailed corrective action report explaining why this line had not failed during previous freezing periods and what is being done at this and other locations to prevent a reoccurrence at this and other locations.
4 COAs	

Attachment List

Att Doc Num

Name

403664577	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403664708	MAP
403683565	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

Environmental	ECMC witnessed sampling of the remedial excavation on 2/9/2024 (Document No Pending).	02/12/2024
Environmental	Photos were provided on Initial Form 19 Document No. 403661074	02/12/2024
Environmental	ECMC inspected this location (Document No. 714300031) on 1/25/2024 (1 day after submittal of this form) and noted "No remedial excavation has been conducted on site. Stained soil is visible near the separator and extending to the north and east outside of the containment area." At that time the line was not exposed and the repairs had not been made.	02/12/2024

Total: 3 comment(s)