

State of Colorado

Energy & Carbon Management Commission

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Document Number:

403712799

Date Received:

03/08/2024

Spill report taken by:

Anderson, Laurel

Spill/Release Point ID:

486326

SPILL/RELEASE REPORT (INITIAL /w SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to ECMC 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) 8689848x0110</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>		Mobile: <u>(303) 5508872</u>
Contact Person: <u>John Peterson</u>		Email: <u>jpeterson@kpk.com</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 REPORTInitial Spill/Release Report Doc# 403712799

Initial Report Date: <u>03/08/2024</u>	Date of Discovery: <u>03/07/2024</u>	Spill Type: <u>Recent Spill</u>
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Spill/Release Point Location:

QTRQTR NENE SEC 32 TWP 3N RNG 62W MERIDIAN 6

Latitude: 40.187520 Longitude: -104.344788

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

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

☒ Check this box if this spill/release is related to a loss of integrity of a flowline, pipeline, crude oil transfer line, or produced water transfer line.

Reference Location:

Facility Type: OFF-LOCATION FLOWLINE ☒ Facility/Location ID No 464255

Spill/Release Point Name: HSR Lost Creek 1-32 Flowline ☐ 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): <u>>0 and <1</u>	Estimated Condensate Spill Volume(bbl): <u>>0 and <1</u>
Estimated Flow Back Fluid Spill Volume(bbl): <u>0</u>	Estimated Produced Water Spill Volume(bbl): <u>>0 and <1</u>
Estimated Other E&P Waste Spill Volume(bbl): <u>0</u>	Estimated Drilling Fluid Spill Volume(bbl): <u>0</u>

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: 36 degrees, windy, cloudy

Surface Owner: FEE

Other(Specify): Cervi Enterprises, Inc.

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

A suspect surface soil staining area was discovered by KPK while conducting site activities and was reported to the production manager. Upon investigation, the spill originated from a leak in the flowline. The flowline and well were already shut-in at the time of discovery. There are minimal liquids associated with this spill. The surface staining was approximately 25 square feet (5'x5'). While excavating to the line during initial investigation, KPK determined that the hole in the line lies east of the area where the spill was expressed at the surface. KPK is currently excavating to determine the point of failure on the line while removing contaminated soil for disposal.

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>
3/8/2024	Weld County	online OEM Spill Report	-	email confirmation
3/7/2024	ECMC	Chris Canfield	-	via email
3/7/2024	Landowner	Cervi Enterprises, Inc.	970-356-60000	
3/7/2024	ECMC	Nikki Graber	-	via 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: _____ Public Water System: _____
- Residence or Occupied Structure: _____ Livestock: _____
- Wildlife: _____ Publicly-Maintained Road: _____
- 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: 03/08/2024					
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown			
OIL			<input checked="" type="checkbox"/>			
CONDENSATE			<input checked="" type="checkbox"/>			
PRODUCED WATER			<input checked="" 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>NO</u> Was an Emergency Pit constructed? <u>NO</u>						
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):		5	Width of Impact (feet): 5			
Depth of Impact (feet BGS):		3	Depth of Impact (inches BGS):			
How was extent determined?						
Visual staining observed at the surface was measured by KPK field personnel. Crews are currently excavating along the line to determine the point of failure location.						
Soil/Geology Description:						
Silty loam						
Depth to Groundwater (feet BGS)		20	Number Water Wells within 1/2 mile radius: 13			
If less than 1 mile, distance in feet to nearest	Water Well	1236	None <input type="checkbox"/>	Surface Water	2109	None <input type="checkbox"/>
	Wetlands	1189	None <input type="checkbox"/>	Springs		None <input checked="" type="checkbox"/>
	Livestock	2459	None <input type="checkbox"/>	Occupied Building	2753	None <input type="checkbox"/>
Additional Spill Details Not Provided Above:						

The directions for each of the potential receptors above are as follows:
Water well: located approximately 1236 feet north of spill.
Surface water: located approximately 2109 feet northwest of spill.
Wetlands: located approximately 1189 feet southeast of spill.
Livestock: located approximately 2459 feet northwest of spill.
Occupied building: located approximately 2753 feet northeast of spill.
100 year floodplain: located approximately 378 feet north of spill.
Mule Deer Severe Winter Range: spill is within this boundary.
Pronghorn Winter Conservation: is located approximately 4882 feet north of spill.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 03/08/2024

Root Cause of Spill/Release Corrosion

Other (specify)

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

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

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

The cause is likely due to corrosion to the coated 2" steel flowline but the failure point has not yet been determined. KPK will confirm cause and present the information in the subsequent Form 19 submittal.

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

This section of flowline will be removed and replaced by a new section of coated 2" steel line.

Volume of Soil Excavated (cubic yards): 2

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:

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

Signed: _____ Print Name: Cullen Chew

Title: Environmental Coordinator Date: 03/08/2024 Email: cchew@kpk.com

COA Type	Description
	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.
	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.
	Operator shall collect confirmation soil samples as described in the Rule 915.e.(2) Guidance Document. Operator will analyze soil samples for TPH (C6-C36), Table 915-1 Organic Compounds in Soil, Table 915-1 metals, and Table 915-1 Soil Suitability for Reclamation (Electrical conductivity, Sodium adsorption ratio, and pH by saturated paste method, boron (hot water soluble)).
	Operator's Corrective Action Report is insufficient. Operator states: "The cause is likely due to corrosion to the coated 2" steel flowline but the failure point has not yet been determined. KPK will confirm cause and present the information in the subsequent Form 19 submittal." Prior to closure of this spill, Operator shall verify the root cause. If Operator confirms the spill resulted from corrosion in the flowline, then Operator shall specify the CAUSE of the corrosion, measures to prevent recurrence.
	A suspect surface soil staining area was discovered by KPK while conducting site activities and was reported to the production manager. Upon investigation, the spill originated from a leak in the flowline. The flowline and well were already shut-in at the time of discovery. There are minimal liquids associated with this spill. The surface staining was approximately 25 square feet (5'x5'). While excavating to the line during initial investigation, KPK determined that the hole in the line lies east of the area where the spill was expressed at the surface. KPK is currently excavating to determine the point of failure on the line while removing contaminated soil for disposal.
	Lost Creek State 1-32 Flowline (Spill/Release ID #485746) was discovered on December 12, 2023, approximately 565' ENE of this spill along the same off-location flowline (Facility ID #464255). Form 19i (Doc #403622774) for the Lost Creek State 1-32 Flowline Spill (Spill/Release ID #485746) states: "KPK was pressure testing the flowline for Lost Creek State 1-32 and identified oil breaching the ground surface. The wells were shut in, and KPK is currently excavating the impacted soil and repairing the leak in the flowline.". The Form 19s (Doc #403632073) for the Lost Creek State 1-32 Flowline Spill (Spill/Release ID #485746) indicates: "The root cause of the spill is external corrosion on the 3" steel pipe flowline (6 o'clock position)." The subject form indicates the flowline is coated 2" steel. Operator shall clarify this discrepancy and provide details on the pressure test and why the test was not conducted with an inert fluid on the next Form 19.
	Operator states: "Mule Deer Severe Winter Range: spill is within this boundary.". However, Operator has not selected Rule 912.b.(1).A. nor has Operator indicated verbal or written notification has been provided to CPW. Operator shall select Rule 912.b.(1).A and populate the necessary fields as the spill location lies within mapped High Priority Habitats for Mule Deer Severe Winter Range and Mule Deer Winter Concentration Area. Per Rule 912.b.(10) at the same time the Operator submits a Form 19i Operator's are required to provide written and/or verbal notification to CPW if the Spill or Spill/Release within High Priority Habitat(s). Operator shall notify CPW immediately and provide the correspondence on the subsequent Supplemental Form 19. Please note: Approval of this Form 19 does not supersede any Federal, State or Local regulations.
7 COAs	

Attachment List

Att Doc Num

Name

403712799	SPILL/RELEASE REPORT(I/S)
403713310	MAP
403713333	PHOTO DOCUMENTATION
403730589	FORM 19 SUBMITTED

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)