

State of Colorado

Energy & Carbon Management Commission

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Document Number:

403632073

Date Received:

12/21/2023

Spill report taken by:

Graber, Candice
(Nikki)

Spill/Release Point ID:

485746

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 Phone: <u>(720) 868-9848x0110</u> Mobile: <u>(303) 550-8872</u> Email: <u>jpeterson@kpk.com</u>
Address: <u>1700 LINCOLN ST STE 4550</u>		
City: <u>DENVER</u>	State: <u>CO</u> Zip: <u>80203</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# 403622774

Initial Report Date: 12/12/2023 Date of Discovery: 12/12/2023 Spill Type: Recent Spill

Spill/Release Point Location:QTRQTR NENE SEC 32 TWP 3N RNG 62W MERIDIAN 6Latitude: 40.187928 Longitude: -104.342822Municipality (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.

Reference Location:Facility Type: FLOWLINE SYSTEM☒ Facility/Location ID No 464255Spill/Release Point Name: Lost Creek State 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): >=1 and <5Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >=1 and <5Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Has the subject Spill/Release been controlled at the time of reporting? YesLand Use:Current Land Use: CROP LAND

Other(Specify): _____

Weather Condition: Cloudy, 9 mph winds, 28 degrees FSurface Owner: FEEOther(Specify): Cervi Enterprises, Inc.

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

KPK was pressure testing the flowline for Lost Creek State 1-32 and identified oil breaching the ground surface. The wells were shut in, KPK excavated the impacted soil (20'x13'x20'), and repaired the leak in the flowline. The impacted soils were placed on a plastic liner. External corrosion of the steel flowline is the root cause of the spill.

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>
12/13/2023	CPW	B Marette/L Hamous-Miller	-	emailed
12/12/2023	ECMC	C Canfield/N Graber	-	email response
12/12/2023	Weld County	online OEM Spill Report	-	email confirmation
12/12/2023	Landowner	Cervi Enterprises Inc.	970-356-6000	

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: _____
- Yes 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 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: 12/20/2023		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	1		<input checked="" type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	1		<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>			
<i>Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
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): <u>20</u>		Width of Impact (feet): <u>13</u>	
Depth of Impact (feet BGS): <u>20</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
The extent of impact was determined by field screening during excavation. Excavated soil was disposed of offsite. Waste disposal manifests will be included with the next form submission. Confirmation soil samples were collected from the excavation and submitted for Table 915-1 analysis; results are pending. Groundwater was not present in the excavation.			
Soil/Geology Description:			
Silty fine sand, light tan with some iron colored and dark brown veins. (Soil classification: ML)			
Depth to Groundwater (feet BGS) <u>21</u>		Number Water Wells within 1/2 mile radius: <u>15</u>	
If less than 1 mile, distance in feet to nearest	Water Well <u>732</u>	None <input type="checkbox"/>	Surface Water <u>2134</u> None <input type="checkbox"/>
	Wetlands <u>965</u>	None <input type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>
	Livestock _____	None <input checked="" type="checkbox"/>	Occupied Building <u>3364</u> None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			

County Road 386 is 1,322 ft NW of spill. An unnamed dirt oil and gas access road is 849 ft W of spill. 15 water wells are within 1/2 mile radius of spill; nearest water well is 732 ft SE of spill. East Lost Creek is 2,134 ft E of spill, and Lost Creek is 2,280 ft NW of spill. Nearest wetland is 965 ft SE of spill. Nearest occupied building is 3,364 ft NW of spill. Nearest 100-year floodplain is 163 feet N of spill. Spill is located within High Priority Habitat for Mule Deer Severe Winter Range (agriculture field). CPW was notified of spill via email but have not responded. No springs or livestock within a mile. Depth to groundwater measured in well S-A1 located 4,900 ft south of spill.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 12/21/2023

Root Cause of Spill/Release Corrosion

Other (specify)

Type of Equipment at Point of Spill/Release: Other

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

3" steel flowline

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

The root cause of the spill is external corrosion on the 3" steel pipe flowline (6 o'clock position).

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

The corroded section of pipe was cut out and replaced with a similar steel pipe that was welded in place. See attached photo.

Volume of Soil Excavated (cubic yards): 192

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:

See attached COA Response Document for KPK's replies to previous COAs at the site.

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

Signed: _____ Print Name: Patrick Lawler

Title: Environmental Manager Date: 12/21/2023 Email: plawler@quandaryconsultants.com

<u>COA Type</u>	<u>Description</u>
0 COA	

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403632985	TOPOGRAPHIC MAP
403633156	PHOTO DOCUMENTATION
403633159	OTHER

Total Attach: 3 Files

General Comments

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

Total: 0 comment(s)