

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

403211899

Date Received:

10/28/2022

Spill report taken by:

Anderson, Laurel

Spill/Release Point ID:

483150

## 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 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>	<b>Phone Numbers</b>
Address: <u>1700 LINCOLN ST STE 4550</u>		Phone: <u>(720) 434-2215</u>
City: <u>DENVER</u>	State: <u>CO</u>	Zip: <u>80203</u>
Contact Person: <u>Ray Gorka</u>		Mobile: <u>( )</u>
		Email: <u>rgorka@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 REPORT

Initial Spill/Release Report Doc# 403211899

Initial Report Date: 10/28/2022 Date of Discovery: 10/28/2022 Spill Type: Historical Release

#### Spill/Release Point Location:

QTRQTR NENE SEC 6 TWP 1N RNG 68W MERIDIAN 6Latitude: 40.085710 Longitude: -105.039300Municipality (if within municipal boundaries): Town Of Erie 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: WELL☐ Facility/Location ID NoSpill/Release Point Name: Koch 41-6 WH P&A historical release☒ Well API No. (Only if the reference facility is well) 05-123-16057☐ No Existing Facility or Location ID No.

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

Estimated Oil Spill Volume(bbl): UnknownEstimated Condensate Spill Volume(bbl): UnknownEstimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): UnknownEstimated 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? Yes

#### Land Use:

Current Land Use: OTHEROther(Specify): Future DevelopmentWeather Condition: 57 degrees sunnySurface Owner: FEEOther(Specify): Privately Owned

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

Following the completion of P&A activities at the Koch 41-6 Wellhead, COGCC was provided with a 48 notice for confirmation sampling. MarCom personnel conducted confirmation sampling on October 17, 2022. Visual and PID screening indicated no signs of a release had occurred, however, analytical results received on October 28, 2022, indicated that elevated levels of SAR and PH were present. MarCom is submitting this Form 19 in accordance with COGCC 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 daylights from the subsurface.

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

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
10/28/2022	Weld County	Jason Maxey	970-400-3579	Awaiting
10/28/2022	Town Of Erie	David Frank	303-926-2792	Awaiting

**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? \_\_\_\_\_
- Yes 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.): 66
- 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:
- ☐ The presence of free product or hydrocarbon sheen Surface Water
- ☐ The presence of free product or hydrocarbon sheen on Groundwater
- ☐ The presence of contaminated soil in contact with Groundwater
- ☐ 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 daylights 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: 10/28/2022		
<b>FLUIDS</b>	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>			
<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 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>15</u>	
Depth of Impact (feet BGS): <u>6</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
Extent of impacts was determined utilizing excavation, Impacts were discovered when confirmation sample analytical results were received. Analytical indicated elevated levels of SAR and PH were present.			
Soil/Geology Description:			
Sandy Soil			
Depth to Groundwater (feet BGS) <u>10</u>		Number Water Wells within 1/2 mile radius: <u>41</u>	
If less than 1 mile, distance in feet to nearest	Water Well <u>228</u> None <input type="checkbox"/>	Surface Water <u>135</u> None <input type="checkbox"/>	
	Wetlands <u>1132</u> None <input type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>	
	Livestock _____ None <input checked="" type="checkbox"/>	Occupied Building <u>481</u> None <input type="checkbox"/>	
Additional Spill Details Not Provided Above:			
NO other constituents associated with a hydrocarbon release are present, indicating elevated levels pf SAR and PH could be naturally occurring. MarCom is proposing the collection of Backgrounds to determine further if this is historical release or naturally occurring. This will be treated as a release until proven otherwise. The source has been removed, and all Table 915 organic constituents have been removed. Operator will collect confirmation soil samples in accordance with 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, pH by saturated paste method, and boron (hot water soluble)).			

## CORRECTIVE ACTIONS

#1 Supplemental Report Date: 10/28/2022

Root Cause of Spill/Release Unknown (Historical)

Other (specify)

Type of Equipment at Point of Spill/Release: VRU

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

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

Following the completion of P&A activities at the Koch 41-6 Wellhead, COGCC was provided with a 48 notice for confirmation sampling. MarCom personnel conducted confirmation sampling on October 17, 2022. Visual and PID screening indicated no signs of a release had occurred, however, analytical results received on October 28, 2022, indicated that elevated levels of SAR and PH were present. MarCom is submitting this Form 19 in accordance with COGCC 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 daylights from the subsurface.

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

Facility integrity testing schedules are being implemented to decrease the potential of future releases.

Volume of Soil Excavated (cubic yards): 66

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: 23128
- ☐ SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

## OPERATOR COMMENTS:

This Form 19 is being submitted as an initial w/ supplemental to transition this Form 19 over to a the current form 27 (Remediation number 23128). Analytical discovered the elevated levels of SAR and PH and this Form 19 is being submitted to report the possible release. Updated findings, maps, analytical, and waste manifests will be provided in the supplemental form 27.

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

Signed: \_\_\_\_\_ Print Name: Levi Kirk

Title: Project Manager Date: 10/28/2022 Email: primarycontractor@marcomllc.net

<b><u>COA Type</u></b>	<b><u>Description</u></b>
	Quarterly reporting is required under Remediation Project #23128.
	Operator shall submit a Form 27 Supplemental with results of the Site Assessment within 90 days.
2 COAs	

### **Attachment List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
403211899	SPILL/RELEASE REPORT(I/S)
403212180	TOPOGRAPHIC MAP
403212182	SITE MAP
403212184	SOIL SAMPLE LOCATION MAP
403212189	ANALYTICAL RESULTS
403212217	ANALYTICAL RESULTS
403212244	PHOTO DOCUMENTATION
403213407	FORM 19 SUBMITTED

Total Attach: 8 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Environmental	Changed name from "Wellhead P&A historical release" to "Koch 41-6 WH P&A historical release"	10/31/2022
Environmental	Operator has indicated that 66 cubic yards of impacted material have been excavated; attached photos indicates that a stockpile labeled "Contaminated" was present on 10/24/2022. Therefore spill discovery date should be 10/24/2022.	10/31/2022

Total: 2 comment(s)