

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

401655711

Date Received:

05/29/2018

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

455228

## 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: SRC ENERGY INC	Operator No: 10311	<b>Phone Numbers</b>
Address: 1675 BROADWAY SUITE 2600		Phone: (970) 4755220
City: DENVER State: CO Zip: 80202		Mobile: ( )
Contact Person: Dave Castro		Email: dcastro@srcenergy.com

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401653211

Initial Report Date: 05/25/2018 Date of Discovery: 05/24/2018 Spill Type: Historical Release

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR swse SEC 7 TWP 4n RNG 67w MERIDIAN 6

Latitude: 40.321034 Longitude: -104.930732

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

#### Reference Location:

Facility Type: PARTIALLY-BURIED VESSEL

☒ Facility/Location ID No 442600

Spill/Release Point Name: Keto Tank Battery

☐ No Existing Facility or Location ID No.

Number:

☐ 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? Yes

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): 0

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): Unknown

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

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify:

#### Land Use:

Current Land Use: CROP LAND

Other(Specify):

Weather Condition: sunny and warm

Surface Owner: FEE

Other(Specify): Keto Colorado Enterprises

#### 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):

SRC discovered a historic release at the Keto Tank Battery during abandonment and removal of the partially buried produced water vault. Impact investigation is ongoing.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
5/25/2018	COGCC	Peter Gintautas	-	email
5/25/2018	Weld County	Roy Rudisill	-	email
5/25/2018	Weld County	Troy Swain	-	email
5/25/2018	Landowner	Keto Colorado Enterprises	-	

Was there a Grade 1 Gas Leak associated with this E & P waste spill or release? Yes ☐ No ☒

If YES, enter the Document Number of the Initial Grade 1 Gas Leak Report Form 44: \_\_\_\_\_

Was there a reportable accident associated with this E & P waste spill or release? Yes ☐ No ☒

If YES, enter the Document Number of the Initial Accident Report, Form 22: \_\_\_\_\_

**SPILL/RELEASE DETAIL REPORTS**

#1	Supplemental Report Date: 05/29/2018		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input 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? NO Was an Emergency Pit constructed? NO			
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.			
<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): 10		Width of Impact (feet): 10	
Depth of Impact (feet BGS): 30		Depth of Impact (inches BGS):	
How was extent determined?			
Vertical extent determined by soil and groundwater sampling. Excavation was approximately 10' x 10' x 30'. Other soil samples were collected at 10' depth to the south and west. There are existing tanks to the north and east of where the partially buried produced water vault used to be.			
Soil/Geology Description:			
Nunn clay loam, 1 to 3 percent slopes			

Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest

Water Well	2740	None	<input type="checkbox"/>
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Surface Water	610	None	
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Wetlands None ☒

Springs      None ☒

Livestock ☐ None ☒

Occupied Building 760 None 

Additional Spill Details Not Provided Above:

## CORRECTIVE ACTIONS

#1 Supplemental Report Date: 05/29/2018

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)

After removal of the partially buried produced water vault, the pit sidewalls and bottom had soil samples collected for BTEX, DRO, and GRO. Those results came back from the lab above Table 910-1 standards, confirming impacted soil. Eagle Environmental was brought in to do an impact assessment. Along with a RamCo Services crew, they excavated, field screened with PID, and soil sampled until they encountered groundwater at 30' below ground surface. A groundwater sample was then collected and analyzed at the lab for BTEX. Those results came back above Table 910-1 standards, confirming impacted groundwater and a historical reportable spill. All figures and results from the investigation so far have been submitted with Initial Form 27 document number 401654942.

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

Partially buried produced water vault was removed.

Volume of Soil Excavated (cubic yards):	100
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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: 11384

**OPERATOR COMMENTS:**

This Supplemental Form 19 is to request closure of this historical spill discovered by SRC, and move forward with the impact extent investigation, remediation, and monitoring phases under remediation project number 11384. All figures, tables, and data related to this historical spill and investigation so far were attached to approved Initial Form 27 document number 401654942.

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

Signed: \_\_\_\_\_ Print Name: Dave Castro

Title: Sr. Env. Specialist                      Date: 05/29/2018                      Email: dcastro@srcenergy.com

**COA Type****Description**

	Based on review of the information submitted in project 11384, it appears that the proposed investigation activities and proposed remedial actions in the approved site investigation and remediation plan will be adequate to remediate impacted groundwater at the site of the spill. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if ground water is found to be significantly impacted, further investigation and/or remediation activities may be required at the site.
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**Attachment Check List****Att Doc Num****Name**

401655711	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401656307	FORM 19 SUBMITTED

Total Attach: 2 Files

**General Comments****User Group****Comment****Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)