

State of Colorado  
Oil and Gas Conservation Commission

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Document Number:

401305038

Date Received:

06/09/2017

Spill report taken by:

CHESSON, BOB

Spill/Release Point ID:

451026

**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 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: <u>SYNERGY RESOURCES CORPORATION</u>	Operator No: <u>10311</u>	<b>Phone Numbers</b>
Address: <u>1675 BROADWAY SUITE 2600</u>		Phone: <u>(970) 4755242</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>		Mobile: <u>(303) 2291228</u>
Contact Person: <u>Brad Rogers</u>		Email: <u>brogers@srcenergy.com</u>

**INITIAL SPILL/RELEASE REPORT**

Initial Spill/Release Report Doc# 401305038

Initial Report Date: 06/09/2017 Date of Discovery: 06/07/2017 Spill Type: Historical Release

**Spill/Release Point Location:**

Location of Spill/Release: QTRQTR SENE SEC 27 TWP 4N RNG 65W MERIDIAN 6

Latitude: 40.285310 Longitude: -104.642000

Municipality (if within municipal boundaries): \_\_\_\_\_ County: WELD

**Reference Location:**

Facility Type: WELL PAD  Facility/Location ID No 322960  
 No Existing Facility or Location ID No.  
 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): >=1 and <5

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

Surface Owner: FEE Other(Specify): \_\_\_\_\_

**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 Energy removed the water pit concrete vault on location due to well being P&A'd. It was discovered that the water vault had leaked.

List Agencies and Other Parties Notified:

### SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date:	06/09/2017		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown	
OIL	0	0	<input type="checkbox"/>	
CONDENSATE	0	0	<input type="checkbox"/>	
PRODUCED WATER	5	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)  Soil  Groundwater  Surface Water  Dry Drainage Feature

Surface Area Impacted: Length of Impact (feet): \_\_\_\_\_ Width of Impact (feet): \_\_\_\_\_

Depth of Impact (feet BGS): \_\_\_\_\_ Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

The tanks, separator and associated flowlines were removed from location due to well being P&A'd. During excavation impacted soils were identified due to produced water leak from concrete vault. Soil samples and a ground water sample were collected and a PID was used for screening soil samples. Soil samples came back clean. The groundwater sample came back with elevated benzene and xylenes above Table 910-1 standards.

Soil/Geology Description:

well pad facilti

Depth to Groundwater (feet BGS) 3 Number Water Wells within 1/2 mile radius: 4

If less than 1 mile, distance in feet to nearest

Water Well	<u>1231</u>	None <input type="checkbox"/>	Surface Water	_____	None <input checked="" type="checkbox"/>
Wetlands	_____	None <input checked="" type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	_____	None <input checked="" type="checkbox"/>	Occupied Building	<u>338</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

The groundwater impacts within the east excavation will require monitoring wells to be installed to define groundwater impacts.

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 06/09/2017

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)

During removal of concrete water pit, it was discovered that the water pit had been leaking due to concrete deterioration.

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

Concrete water pit tank was removed and will not be replaced. All equipment from location will be removed due to well being p&a'd.

Volume of Soil Excavated (cubic yards): 80

Disposition of Excavated Soil (attach documentation)  Offsite Disposal  Onsite Treatment  
 Other (specify) \_\_\_\_\_

Volume of Impacted Ground Water Removed (bbls): 35

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: \_\_\_\_\_

**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: Brad Rogers  
 Title: Environmental Supervisor Date: 06/09/2017 Email: brogers@srcenergy.com

COA Type	Description

### Attachment Check List

Att Doc Num	Name
401305038	SPILL/RELEASE REPORT(I/S)
401305086	AERIAL PHOTOGRAPH
401305087	ANALYTICAL RESULTS
401305088	AERIAL PHOTOGRAPH
401305089	ANALYTICAL RESULTS
401305090	ANALYTICAL RESULTS
401305224	FORM 19 SUBMITTED

Total Attach: 7 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	Rule 905.b requires the filing on a Form 27 for the closure of buried or partially buried produce water vessels. Please file an eForm 27 for closure of this vault.	06/09/2017

Total: 1 comment(s)