

State of Colorado
Oil and Gas Conservation Commission

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Phone: (303) 894-2100 Fax: (303) 894-2109



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

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		
FLUIDS	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 facili

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	<u> </u>	None <input checked="" type="checkbox"/>
Wetlands	<u> </u>	None <input checked="" type="checkbox"/>	Springs	<u> </u>	None <input checked="" type="checkbox"/>
Livestock	<u> </u>	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

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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)