

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:

401549485

Date Received:

02/20/2018

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

454050

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	Phone Numbers
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# 401546313

Initial Report Date: 02/15/2018 Date of Discovery: 02/14/2018 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWSE SEC 34 TWP 6N RNG 66W MERIDIAN 6

Latitude: 40.442047 Longitude: -104.762158

Municipality (if within municipal boundaries): County: WELD

Reference Location:

Facility Type: FLOWLINE Facility/Location ID No
 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): >=1 and <5 Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): 0

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

Specify: Pending Assessment - greater than 0, less than 5 bbls

Land Use:

Current Land Use: NON-CROP LAND Other(Specify):

Weather Condition: Sunny

Surface Owner: FEE Other(Specify): Tim and Jeanne Iverson

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 acquired this well from Noble Energy with an effective date of 9/1/17. The well was shut-in by Noble prior to the change of operator to SRC and continues to be shut-in. On Wednesday 2/14/18, SRC staff, COGCC's Rick Allison, and the landowner Tim Iverson met at the opened up disconnected flowline section for inspection and discussion. After walking the line from the hammer union related to Spill ID 454029, another hammer union was found to the ENE on the line at the above GPSd lat/long. PID field screening was conducted by SRC staff in front of all parties from the soil under the hammer union that showed an elevated result indicating the potential of a historical spill at that hammer union location. SRC has contracted Tasman Geosciences to do an onsite impact assessment on Tuesday 2/20/18. Tasman was originally scheduled to be out there on 2/13/18, but had to postpone due to their geoprobe operator having the flu. Tasman's scope of work is to now assess both spill impacts.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
2/14/2018	COGCC	Rick Allison	-	on-site
2/14/2018	Landowner	Tim Iverson	-	on-site
2/15/2018	Weld County	Roy Rudisill	-	email
2/15/2018	Weld County	Troy Swain	-	email

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 02/20/2018

FLUIDS	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	<u>0</u>	<u>0</u>	<input type="checkbox"/>
FLOW BACK FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	<u>0</u>	<u>0</u>	<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): 5 Width of Impact (feet): 5

Depth of Impact (feet BGS): _____ Depth of Impact (inches BGS): _____

How was extent determined?

Extent determination begins today with Tasman Geoscience's Impact Assessment

Soil/Geology Description:

Ascalon loam, 0 to 1 percent slopes.

Depth to Groundwater (feet BGS) 10 Number Water Wells within 1/2 mile radius: 8

If less than 1 mile, distance in feet to nearest

Water Well	<u>550</u>	None <input type="checkbox"/>	Surface Water	<u>215</u>	None <input type="checkbox"/>
Wetlands	_____	None <input checked="" type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	_____	None <input checked="" type="checkbox"/>	Occupied Building	<u>550</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

Tasman will begin impact assessment today 2/20/18, and likely need tomorrow 2/21/18 as well to complete the SAP provided with Form 27 document number 401547493, due to the extremely frigid temperatures outside.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 02/20/2018

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)

The flowline leak was discovered when pressure testing the flowline from the separator to the wellhead, and then pressure testing the line in 3 different segments. After uncovering the buried line, it was found that this leak was caused from burying a 2" hammer union and screw pipe that was not coated. The schedule 80 screw pipe had corrosion and no fusion bond coating on the flowline.

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

After impact assessment and any necessary remediation activities are complete, SRC Energy will install a new schedule 40 fusion bond welded flowline and do the necessary pressure testing before putting the well and flowline back in service.

Volume of Soil Excavated (cubic yards): 0

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: 11033

OPERATOR COMMENTS:

Impact assessment of this historical spill is proceeding under project 11033.

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: 02/20/2018 Email: dcastro@srcenergy.com

COA Type	Description

Attachment Check List

Att Doc Num	Name
401549485	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401554336	FORM 19 SUBMITTED

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	All environmental assessment data will be submitted under project 11033.	02/23/2018
Environmental	Returning both Form 19 Supplemental Reports Doc#s 401549458 and 401549485 to Draft. Operator needs to address the hammer union and replacement of the flowline in the root cause/corrective action section.	02/20/2018

Total: 2 comment(s)