

**State of Colorado**  
**Oil and Gas Conservation Commission**

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Document Number:

401192342

Date Received:

01/26/2017

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

448931

## 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: PETERSON ENERGY OPERATING INCOperator No: 68710Address: 2154 W EISENHOWER BLVDCity: LOVELANDState: COZip: 80537Contact Person: Andy Peterson**Phone Numbers**Phone: (970) 6697411Mobile: (970) 2034263Email: andy@petersonenergyoperating.com

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401157367Initial Report Date: 11/29/2016Date of Discovery: 11/07/2016Spill Type: Historical Release**Spill/Release Point Location:**Location of Spill/Release: QTRQTR NWSW SEC 20 TWP 7N RNG 65W MERIDIAN 6Latitude: 40.559640 Longitude: -104.696250Municipality (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) 05-123-12082**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 <5Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): 0Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: \_\_\_\_\_

**Land Use:**Current Land Use: CROP LAND

Other(Specify): \_\_\_\_\_

Weather Condition: Warm and DrySurface 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):

During an annual flowline test, the line failed to hold pressure. Well immediately SI. Excavation was delayed until corn was out of field. On 11/7/2016 excavation uncovered both the flowline to the Mapelli#5 and an older parallel pre-existing 2" steel line. The pre-existing line was full of holes. The contaminated soil was excavated and hauled to commercial disposal. Samples were taken from sides and bottom of pit after excavation and sent to lab and fill dirt was added to replace contaminated soil. The original topsoil was used to top off the excavation site. Site returned to previous condition.

List Agencies and Other Parties Notified:

### OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
10/5/2016	Surface Owner Representative	Silvano	970-302-5680	

### SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 01/16/2017		
<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, including walls &amp; floor regardless of construction material, 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): 30	Width of Impact (feet): 20
Depth of Impact (feet BGS): 15		Depth of Impact (inches BGS): _____	
How was extent determined?			
While excavating to repair a nearby flowline, soil contamination was discovered 4' below surface. To determine the extent the contamination was excavated west to east and north to south and down until the contamination stopped in each direction.			
Soil/Geology Description:			
Soil is a loam mixed with clay. No ground water was encountered.			
Depth to Groundwater (feet BGS) 0		Number Water Wells within 1/2 mile radius: 2	
If less than 1 mile, distance in feet to nearest		Water Well 1320	None <input type="checkbox"/>
		Wetlands	None <input checked="" type="checkbox"/>
		Livestock 265	None <input type="checkbox"/>
		Surface Water 1075	None <input type="checkbox"/>
		Springs	None <input checked="" type="checkbox"/>
		Occupied Building 1050	None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 01/16/2017

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)

A previously abandoned flowline unrelated to Peterson Energy Operating was found during the excavation. The flowline held no fluid, but was full of holes. We believe the contamination observed could have come from this line.

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

Existing Flowline will be replaced with 2" steel line, which will be tested to maximum operating pressure upon installation and annually thereafter.

Volume of Soil Excavated (cubic yards): 333

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: \_\_\_\_\_

### 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: Ryan Dornbos

Title: Petroleum Engineer Date: 01/26/2017 Email: ryan@petersonenergyoperating.com

COA Type	Description

### Attachment Check List

Att Doc Num	Name
401192342	FORM 19 SUBMITTED
401192449	DISPOSAL MANIFEST

Total Attach: 2 Files

### General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)