

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401100214

Date Received:

11/13/2018

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

445875

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: PROSPECT ENERGY LLC	Operator No: 10312	Phone Numbers
Address: 1036 COUNTRY CLUB ESTATES DR		Phone: (303) 489-8773
City: CASTLE ROCK	State: CO	Zip: 80108
Contact Person: Ward Giltner		Mobile: ()
		Email: prospectenergy@icloud.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401054614

Initial Report Date: 05/26/2016 Date of Discovery: 05/26/2016 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWSW SEC 8 TWP 8N RNG 68W MERIDIAN 6

Latitude: 40.669220 Longitude: -105.037292

Municipality (if within municipal boundaries): County: LARIMER

Reference Location:

Facility Type: FLOWLINE

☐ Facility/Location ID No

Spill/Release Point Name:

☐ No Existing Facility or Location ID No.

Number:

☒ Well API No. (Only if the reference facility is well) 05-069-05134

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? Yes

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:

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify):

Weather Condition: Cloudy

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):

5 bbls of crude oil was released from the flowline of the Martinez 1. Once the leak was discovered the well was isolated effectively stopping the leak. Excavation of the line is underway and the cause of the line failure will be provided once known. A crew was dispatched to location to begin clean up. Soil samples will be taken and submitted with the supplemental report within 10 days.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
5/26/2016	City of Fort Collins	Dan Weinheimer	970-4162253	Verbal Notification

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: 06/03/2016		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	5	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	0	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): 15 Width of Impact (feet): 10

Depth of Impact (feet BGS): 4 Depth of Impact (inches BGS): _____

How was extent determined?

Five (5) grab samples were collected where impacted soils had been removed on June 3, 2016. The purpose of the sampling event was to ensure that all hydrocarbon impacted soil had been removed to the extent required by the COGCC following cleanup activities of a crude oil release. Based on the collected analytical data, further excavation was performed by Prospect Energy contractors to remove the residual impacted areas. Two (2) additional samples were collected on June 16, 2016 near the previous sampling locations and analyzed for the TPH and BTEX.

Soil/Geology Description:

Soil is analyzed in attachment.

Depth to Groundwater (feet BGS) 20 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest Water Well 3165 None ☐ Surface Water 44 None ☐

Wetlands 1444 None ☐ Springs _____ None ☒

Livestock _____ None ☒Occupied Building 251 None ☐

Additional Spill Details Not Provided Above:

On June 9, 2016, Talon/LPE utilized a Royer Model 364 soil shredding machine to remediate the one hundred twenty eight (128) cubic yards of hydrocarbon impacted soil from the original excavation. The Royer Model 364 soil shredding machine pulverized the impacted soil which increased the surface area of the soil and allowed maximum volatilization of the hydrocarbons. Additionally, while shredding the impacted soils, Talon/LPE applied a 10-15% hydrogen peroxide solution to chemically oxidize the hydrocarbons. Talon/LPE returned to the site on July 21, 2016, to remediate the additional thirty (30) cubic yards of hydrocarbon impacted soil resulting from the further excavation.

CORRECTIVE ACTIONS#1 Supplemental Report Date: 06/06/2016

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)

5 bbls of crude oil was released from the flowline of the Martinez 1 due to corrosion on the flowline. Once the leak was discovered the well was isolated effectively stopping the leak. Excavation of the line was performed and the root cause of the spill was determined to be due to corrosion. A crew was dispatched to location to begin clean up.

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

All affected areas of the line have since been replaced.

Volume of Soil Excavated (cubic yards): 158

Disposition of Excavated Soil (attach documentation) ☐ Offsite Disposal ☒ Onsite Treatment
☐ Other (specify) _____

Volume of Impacted Ground Water Removed (bbls): 0Volume 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: Jack DesmondTitle: Regulatory Analyst Date: 11/13/2018 Email: jdesmond@vanococonsulting.com**COA Type****Description**

Based on the information presented, it appears that no further action is necessary at this time and the COGCC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if ground water is found to be impacted, then further investigation and/or remediation activities may be required. In addition, the surface area disturbed by the remediation activity shall be reclaimed in accordance with the 1000 Series Reclamation Rules.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401100214	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401835510	ANALYTICAL RESULTS
401844439	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	Operator submitted form with required analytical data.	11/19/2018
Environmental	<p>COGCC returned to the Form 19 to Draft status for the Operator to make the following changes:</p> <ol style="list-style-type: none"> 1. Submit the entire lab report, along with a site diagram that shows the sample collection points. 2. Complete the Corrective Actions portion of the Supplemental Report including: volume soil removed and how disposed, a detailed root cause analysis for the flowline failure, and actions taken to prevent future releases. 	09/09/2016

Total: 2 comment(s)