

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

400685667

Date Received:

09/16/2014

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

438740

## SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

### OPERATOR INFORMATION

Name of Operator: <u>WPX ENERGY ROCKY MOUNTAIN LLC</u>	Operator No: <u>96850</u>	<b>Phone Numbers</b>
Address: <u>1001 17TH STREET - SUITE #1200</u>		Phone: <u>(970) 6832295</u>
City: <u>DENVER</u>	State: <u>CO</u>	Mobile: <u>(970) 5890743</u>
Zip: <u>80202</u>		Email: <u>karolina.blaney@wpxenergy.com</u>
Contact Person: <u>Karolina Blaney</u>		

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400677746

Initial Report Date: 09/02/2014 Date of Discovery: 09/02/2014 Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWNW SEC 21 TWP 6S RNG 95W MERIDIAN 6

Latitude: 39.510721 Longitude: -108.008696

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

#### Reference Location:

Facility Type: WELL PAD ☒ Facility/Location ID No 417668

☐ 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? Yes

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): >=5 and <100

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: warm, dry

Surface Owner: FEDERAL 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):

The spill was caused by equipment failure; a coil failed on a separator causing approximately 90 bbls of produced water mixed with glycol to spill on location. The spill was contained inside the pad perimeter berm. 80 bbls of spilled fluid was recovered with a vacuum truck. The entire release was contained within the pad berm. None of the fluids left the location.

List Agencies and Other Parties Notified:

### OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
9/2/2014	BLM	Jim Byers	970-876-9056	Verbal notification
9/2/2014	COGCC	Stan Spencer	970-625-2497	initial form 19
9/2/2014	County	Kirby Wynn	970-625-5905	Email
9/2/2014	County	Morgan Hill	970-625-5200	Email - courtesy notification
9/2/2014	Town/City Officials	Stuart McArthur	970-285-7630	Email - courtesy notification
9/2/2014	Water Intake	Mark King	970-285-7630	Email - courtesy notification
9/2/2014	Town/City Officials	Steve Rippy	970-285-9050	Email - courtesy notification
9/2/2014	Town/City Officials	Roger Bulla	970-285-7000	Email - courtesy notification
9/2/2014	Fire Department	David Blair	970-285-9119	Email - courtesy notification

### SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 09/12/2014		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	90	80	<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? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, <b>including walls &amp; floor regardless of construction material</b>, 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): <u>389</u>		Width of Impact (feet): <u>156</u>	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): <u>3</u>	
How was extent determined?			
By field measurements and mapping with a Trimble GPS unit.			
Soil/Geology Description:			

Depth to Groundwater (feet BGS) 50 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest

Water Well	<u>          </u>	None	<input checked="" type="checkbox"/>	Surface Water	<u>585</u>	None	<input type="checkbox"/>
Wetlands	<u>          </u>	None	<input checked="" type="checkbox"/>	Springs	<u>350</u>	None	<input type="checkbox"/>
Livestock	<u>          </u>	None	<input checked="" type="checkbox"/>	Occupied Building	<u>          </u>	None	<input checked="" type="checkbox"/>

A coil on one of the separators failed which allowed approximately 90 barrels of produced water to spill out onto the well pad. When the release was discovered, production personnel had vac trucks dispatched to the location to vacuum off the free liquids on the well pad. The entire release was contained within the pad perimeter berm. No fluids from the spill migrated off the pad. The impacted area on the pad was allowed to dry. Samples were then collected and have been submitted to an accredited laboratory for analysis. The samples were analyzed for the full Table 910-1 analytical suite. The areas that tested above the COGCC Table 910-1 will be treated in place with a bioremediation product.

#1	Supplemental Report Date:	09/12/2014
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Cause of Spill (Check all that apply)

<input type="checkbox"/> Human Error	<input checked="" type="checkbox"/> Equipment Failure	<input type="checkbox"/> Historical-Unknown
<input type="checkbox"/> Other (specify) _____		

Describe Incident & Root Cause (include specific equipment and point of failure)

A coil on one of the separators failed which allowed approximately 90 barrels of produced water to spill out onto the well pad.

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

As the incident was an isolated event, no procedural or major equipment changes are planned. However, production personnel have removed the compromised coil from the separator and are evaluating it to ensure there are no potential defects associated with the coil which could lead to another potential failure in other units. In the interim, a new coil was installed and the unit was put back on line.

Volume of Soil Excavated (cubic yards): \_\_\_\_\_

Disposition of Excavated Soil (attach documentation)

<input type="checkbox"/> Offsite Disposal	<input checked="" type="checkbox"/> Onsite Treatment
<input type="checkbox"/> Other (specify) _____	

Volume of Impacted Ground Water Removed (bbls): \_\_\_\_\_

Volume of Impacted Surface Water Removed (bbls): \_\_\_\_\_

**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.**

Form 27 Remediation Project No:

Signed: \_\_\_\_\_ Print Name: Karolina Blaney

Title: Environmental Specialist Date: 09/16/2014 Email: karolina.blaney@wpxenergy.com

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400686354	AERIAL PHOTOGRAPH

Total Attach: 1 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)