

State of Colorado Oil and Gas Conservation Commission

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Document Number:

400650991

Date Received:

07/25/2014

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

438131

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: WPX ENERGY ROCKY MOUNTAIN LLC Operator No: 96850 Address: 1001 17TH STREET - SUITE #1200 City: DENVER State: CO Zip: 80202 Contact Person: Karolina Blaney Phone Numbers: Phone: (970) 6832295 Mobile: (970) 2859573 Email: karolina.blaney@wpxenergy.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400644979

Initial Report Date: 07/15/2014 Date of Discovery: 07/15/2014 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWNW SEC 4 TWP 7S RNG 94W MERIDIAN 6

Latitude: 39.473316 Longitude: -107.899926

Municipality (if within municipal boundaries): County: GARFIELD

Reference Location:

Facility Type: WELL PAD Facility/Location ID No 334958 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? No

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: NON-CROP LAND Other(Specify): Weather Condition: hot, dry, 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):

A small hole developed near the bottom of the produced water tank due to corrosion. Produced water leaked out of the tank and into the dirt SPCC containment. The total volume of this release will be determined when the investigation and excavation activities are completed.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
7/15/2014	COGCC	Stan Spencer	970-625-2497	Initial Form 19
7/15/2014	County	Kirby Wynn	970-625-5905	Email
7/15/2014	Fire Department	Chad Harris	970-625-1243	Email
7/15/2014	Fire Department	Orin Moon	970-625-1242	Email

**SPILL/RELEASE DETAIL REPORTS**

#1 Supplemental Report Date: 07/25/2014

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>0</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>15</u>	<u>0</u>	<input 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): 28 Width of Impact (feet): 26

Depth of Impact (feet BGS): 16 Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

By field measurements and mapping with a Trimble GPS unit.

Soil/Geology Description:

Potts-Ildefonso complex - stony to very stony loam

Depth to Groundwater (feet BGS) 165 Number Water Wells within 1/2 mile radius: 13

If less than 1 mile, distance in feet to nearest

Water Well	<u>1170</u>	None <input type="checkbox"/>	Surface Water	<u>3719</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>1172</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

The produced water tank, located at the RWF 11-4 tank farm facility, developed a small hole near the bottom of the tank due to corrosion of the metal. This allowed produced water to flow out into the earthen SPCC containment structure where it infiltrated into the underlying soils. When the release was discovered, production personnel halted the transfer of fluids to the compromised tank. The tank was then drained of any remaining fluids and removed from service. The entire release was contained in the immediate vicinity of the compromised tank. Due to the dry soil conditions none of the fluids lost were recovered. The area impacted by the release has been remediated. When clean soil was encountered, the walls and bottom were field screened for hydrocarbon content. Field screening results indicated residual contaminant levels below the COGCC Table 910-1 standard of 500 ppm TPH in soil. Confirmation samples were collected and submitted to an accredited laboratory for analysis. Analytical results indicate compliance with Table 910-1 with the exception of benzo(a)pyrene on the north wall. The north wall was excavated an additional 2 feet and resampled for benzo(a)pyrene. Further remedial action, if warranted, will be based on this result. Impacted soils generated during remediation will be treated on-site with a bio-remediation product to levels which comply with Table 910-1 standards.

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 07/25/2014

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 produced water tank, located at the RWF 11-4 tank farm facility, developed a small hole near the bottom of the tank due to corrosion of the metal. This allowed produced water to flow out into the earthen SPCC containment structure where it infiltrated into the underlying soils.

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

The earthen SPCC containment is being replaced with a steel SPCC containment structure with an impervious plastic liner. In addition, the replacement tank is internally coated with poly liner. All new tanks are inspected prior to placing them into the containment structures to check for possible paint chips, faulty welds, or other factors which could lead to early corrosion of the metal. The SPCC inspectors will also conduct more detailed inspections of all tanks in the field to check for possible corrosion.

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

Disposition of Excavated Soil (attach documentation)     Offsite Disposal     Onsite Treatment  
 Other (specify) \_\_\_\_\_

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

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

### 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: \_\_\_\_\_

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Karolina Blaney  
Title: Environmental Specialist Date: 07/25/2014 Email: karolina.blaney@wpenergy.com

COA Type	Description
	Aerial photo does not appear to match location.

### Attachment Check List

Att Doc Num	Name
400650991	FORM 19 SUBMITTED
400651001	AERIAL PHOTOGRAPH

Total Attach: 2 Files

### General Comments

**User Group**

**Comment**

**Comment Date**

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

Total: 0 comment(s)