

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

400611707

Date Received:

05/20/2014

Spill report taken by:

FISCHER, ALEX

Spill/Release Point ID:

437149

## 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	OGCC Operator No: 96850	<b>Phone Numbers</b>
Address: 1001 17TH STREET - SUITE #1200		Phone: (970) 6832295
City: DENVER	State: CO	Zip: 80202
Contact Person: Karolina Blaney		Mobile: (970) 2859573
		Email: karolina.blaney@wpxenergy.com

### INITIAL SPILL/RELEASE REPORT

Initial Report Date: 05/14/2014 Date of Discovery: 05/14/2014 Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR NESW SEC 33 TWP 6S RNG 95W MERIDIAN 6

Latitude: 39.479568 Longitude: -108.006311

Municipality (if within municipal boundaries): County: GARFIELD

#### Reference Location:

Facility Type: TANK BATTERY ☐ Well API No. (if the reference facility is well) 05- -

☒ Facility ID (if not a well) 335292

☐ No Existing Facility ID

#### Fluid(s) Spilled/Released (please answer Yes/No):

Was one (1) barrel or more spilled outside of berms or secondary containment? Yes

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): >=20 and <50

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: sunny, warm, windy

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 ☐

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

The release was caused by corrosion of the condensate tank. Condensate leaked out of the tank into the dirt SPCC containment, saturated a portion of the berm, and migrated onto the small pad on which the production equipment and tanks are placed. A small volume reached the base of the fill slope of the production equipment pad where it contacts native ground.

COGCC Comment Only:

COGCC confirmed with the operator that the location is correct ( Well 05-045-07099, Clough PA 23-33). AFlscher

List Agencies and Other Parties Notified:

### OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
5/14/2014	COGCC	Stan Spencer	970-987-2497	left voicemail
5/14/2014	CDPHE	Spill Hotline	877-518-5608	CDPHE tracking # 2014-0308
5/14/2014	County	Kirby Wynn	970-970-625-5905	email
5/14/2014	County	Morgan Hill	970-970-625-5200	email
5/14/2014	Town of Parachute	Stuart McArthur	970-285-7630	email - courtesy notification
5/14/2014	Battlement Mesa	Steve Rippy	970-285-9050	email - courtesy notification
5/14/2014	Battlement Mesa	Roger Bulla	970-285-7000	email - courtesy notification
5/14/2014	Fire Department	David Blair	970-285-9119	email
5/14/2014	Water Intake	Mark King	970-285-7630	email - courtesy notification

### SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 05/20/2014		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	70	30	<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? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
<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>216</u> Width of Impact (feet): <u>47</u>			

Depth of Impact (feet BGS): 20

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

How was extent determined?

By field measurements and mapping with a Trimble GPS unit.

Soil/Geology Description:

Potts-Ildfonso complex - Slightly to strongly alkaline clay to stony clay loam

Depth to Groundwater (feet BGS) 54Number Water Wells within 1/2 mile radius: 4

If less than 1 mile, distance in feet to nearest	Water Well <u>710</u>	None <input type="checkbox"/>	Surface Water <u>705</u>	None <input type="checkbox"/>
	Wetlands _____	None <input checked="" type="checkbox"/>	Springs <u>4820</u>	None <input type="checkbox"/>
	Livestock _____	None <input checked="" type="checkbox"/>	Occupied Building <u>1344</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

One of the condensate tanks developed a small hole near the bottom of the tank due to corrosion of the metal. This allowed condensate migrate out into the earthen SPCC containment structure and saturate a portion of the earthen containment berm. Fluid then migrated out onto the production equipment pad and a very small volume flowed down the fill slope side of the pad and came in contact with native soils. When the release was discovered, production personnel had vac trucks dispatched to the location to pull the remaining fluids from the compromised tank. A majority of the release was contained within the earthen containment structure and pad surface. As noted above, only a very small volume migrated off the location. No surface water features were impacted by the release. During remedial activities, historical contamination was discovered beneath the location of the former tank at a depth of approximately 2 feet. The historical contamination was remediated along with the impacts from the current release. 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 have been collected and submitted to an accredited laboratory for analysis. Further remedial action, if warranted, will be based on these results. 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: 05/20/2014

Cause of Spill (Check all that apply) ☐ Human Error ☒ Equipment Failure ☒ Historical-Unknown  
☐ Other (specify) \_\_\_\_\_

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

One of the condensate tanks developed a small hole near the bottom of the tank due to corrosion of the metal. This allowed condensate migrate out into the earthen SPCC containment structure and saturate a portion of the earthen containment berm. During remedial activities, historical contamination was discovered beneath the location of the former tank at a depth of approximately 2 feet.

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

The earthen SPCC containment structure will be replaced with a plastic lined steel SPCC containment structure. The replacement tank is internally coated with a 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.

Volume of Soil Excavated (cubic yards): 700

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 Number: \_\_\_\_\_

COGCC Comment:

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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: 05/20/2014 Email: karolina.blaney@wpenergy.com

### Attachment Check List

**Att Doc Num**

**Name**

400611719

SITE MAP

Total Attach: 1 Files