

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

400718913

Date Received:

10/28/2014

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

439374

## 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>	Zip: <u>80202</u>
Contact Person: <u>Karolina Blaney</u>		Mobile: <u>(970) 5890743</u>
		Email: <u>karolina.blaney@wpxenergy.com</u>

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400712205

Initial Report Date: 10/20/2014 Date of Discovery: 10/19/2014 Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESW SEC 33 TWP 2S RNG 98W MERIDIAN 6Latitude: 39.826471 Longitude: -108.400597Municipality (if within municipal boundaries): \_\_\_\_\_ County: RIO BLANCO

#### Reference Location:

Facility Type: WELL PAD ☒ Facility/Location ID No 314297☐ 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? Yes

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): 0Estimated Condensate Spill Volume(bbl): >=5 and <100Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >=5 and <100Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0

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

#### Land Use:

Current Land Use: NON-CROP LAND

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

Weather Condition: warm, drySurface 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):

A produced water tank overfilled due to equipment failure. 28 bbls of produced water mixed with condensate was spilled inside the dirt SPCC containment berm. 25 bbls was recovered with a vacuum truck. No fluid escaped the containment.

List Agencies and Other Parties Notified:

### OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
10/20/2014	COGCC	Stan Spencer	970-987-2891	Initial Form 19
10/20/2014	BLM	Justin Wilson	970-285-7329	Verbal
10/20/2014	Fire Department	Steve Allen	970-824-1682	Email
10/20/2014	County	Mark Sprague	970-878-9584	Email
10/20/2014	Public health	Jeremy Simmons	970-878-9526	Email
10/20/2014	Sheriff	Si Woodruff	970-878-9620	Email

### SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 10/28/2014		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	11	10	<input type="checkbox"/>
PRODUCED WATER	17	15	<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>YES</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): <u>43</u>		Width of Impact (feet): <u>34</u>	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): <u>2</u>	
How was extent determined?			
By field measurements and mapping with a Trimble GPS unit.			
Soil/Geology Description:			
Glendive fine sandy loam - fine to sandy loam with some interbedded silt loam			
Depth to Groundwater (feet BGS) <u>90</u>		Number Water Wells within 1/2 mile radius: <u>2</u>	
If less than 1 mile, distance in feet to nearest Water Well <u>2980</u> None <input type="checkbox"/>		Surface Water <u>130</u> None <input type="checkbox"/>	
Wetlands _____ None <input checked="" type="checkbox"/>		Springs <u>4410</u> None <input type="checkbox"/>	

Livestock \_\_\_\_\_ None ☒Occupied Building \_\_\_\_\_ None ☒

Additional Spill Details Not Provided Above:

The high level alarm and the automatic shut in devise (TLM) malfunctioned which allowed the produced water tank to overflow due to inaccurate fluid level readings. Produced water with some condensate flowed out of the top of the tank and into the earthen SPCC containment structure. When the release was discovered, production personnel had a vac truck dispatched to the location to pull the tank and vacuum off the free standing liquids in the earthen SPCC containment structure. The entire release was contained within the earthen containment structure. Approximately 25 barrels of produced water and condensate were recovered. No fluids migrated out of the SPCC containment structure. Due to the high paraffin content, the produced water tank had to be steam cleaned in order to remove the residual contamination on the tank. During the process, a vacuum truck was also on location to recover the fluids from the tank cleaning process. The remaining impacted area was treated with Ken-Grow and the SPCC containment structure will be monitored to ensure compliance with COGCC Table 910-1 standards.

## CORRECTIVE ACTIONS

#1 Supplemental Report Date: 10/28/2014

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)

The high level alarm and the automatic shut in devise (TLM) malfunctioned which allowed the produced water tank to overflow due to inaccurate fluid level readings. Produced water with some condensate flowed out of the top of the tank and into the earthen SPCC containment structure.

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

The malfunctioning TLM will be repaired. Due to the high amount of paraffin associated with this well, an additional TLM devise will be installed to ensure the well will shut should when high fluids levels occur in the tank.

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: 10/28/2014 Email: karolina.blaney@wpenergy.com

## Attachment Check List

Att Doc Num	Name
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400718919	AERIAL PHOTOGRAPH
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Total Attach: 1 Files

## General Comments

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

Total: 0 comment(s)