

State of Colorado Oil and Gas Conservation Commission

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Document Number:

400755611

Date Received:

12/18/2014

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

440307

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>	Phone Numbers
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# 400747929

Initial Report Date: 12/08/2014 Date of Discovery: 12/05/2014 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWSW SEC 34 TWP 6S RNG 96W MERIDIAN 6

Latitude: 39.475440 Longitude: -108.103333

Municipality (if within municipal boundaries): _____ County: GARFIELD

Reference Location:

Facility Type: TANK BATTERY ☒ Facility/Location ID No 435158

☐ 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): >=1 and <5

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: sunny, cool

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):

The cause of this incident is human error. WPX consultant was blowing down a flow line prior to workover operations at the GM 41-4 well pad. The consultant did not realize that the flow line was directly connected to a tank located at the Riley Tank Farm; the Riley Tank Farm is located 1700' northeast of the well pad. The pressure pushed produced water and condensate through a valve located on the top of the tank. Approximately 40 bbls of fluids were lost. Majority of the spilled fluids were contained inside lined SPCC containment ring. Approximately 1 bbl of fluid sprayed outside the containment and impacted soil on location. 40 bbls of fluid was recovered.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
12/8/2014	COGCC	Stan Spencer	970-625-2497	Initial Form 19
12/8/2014	County	Kirby Wynn	970-625-5905	Email
12/8/2014	Fire Department	David Blair	970-285-9119	Email

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 12/18/2014		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	41	40	<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, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
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) <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>87</u>		Width of Impact (feet): <u>50</u>	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): <u>1</u>	
How was extent determined?			
By field measurements and mapping with a Trimble GPS unit.			
Soil/Geology Description:			
Nihill channery loam - channery to very channery stratified channery sandy loam			
Depth to Groundwater (feet BGS) <u>50</u>		Number Water Wells within 1/2 mile radius: <u>10</u>	
If less than 1 mile, distance in feet to nearest	Water Well <u>1975</u> None <input type="checkbox"/>	Surface Water <u>80</u> None <input type="checkbox"/>	
	Wetlands _____ None <input checked="" type="checkbox"/>	Springs <u>0</u> None <input type="checkbox"/>	
	Livestock _____ None <input checked="" type="checkbox"/>	Occupied Building <u>1560</u> None <input type="checkbox"/>	
Additional Spill Details Not Provided Above:			

A WPX consultant was in the process of blowing down a flow line prior to workover operations on the GM 701-4HN1 well located on the GM 41-4 well pad (COGCC fac. # 334636). The spill occurred when the consultant opened the unload valve at the production units which normally feeds to the production tanks on-site. However, the GM 41-4 location has a line that runs to the Riley Tank Farm. The Riley Tank Farm is located approximately 1,700 feet to the northeast of the well pad. The pressure in the line displaced the fluids, present in the line, into one of the tanks at the tank farm facility causing it to overfill. The fluids migrated out of the top of the tank and into the steel lined SPCC containment structure. Due to the pressure in the tank a small amount of fluid misted out of the top and impacted a small area outside the lined SPCC containment structure. When the spill was discovered, the unload valve was closed and the valve to the Riley Tank Farm was repositioned to direct flow to the on-site production tanks. A vast majority of the spill was contained within the lined SPCC containment structure and was recovered with a vac truck. The small area of impact outside the containment infiltrated into the soils in the immediate vicinity of the containment structure. No fluids migrated off site. The lined SPCC containment performed as it was designed and allowed for 100 percent fluid recovery. The small area of impact outside the containment structure was sampled and is being analyzed for the full Table 910-1 analytical suite. Further remedial actions, if warranted, will be based on these results.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 12/18/2014

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)

A WPX consultant was in the process of blowing down a flow line prior to workover operations on the GM 701-4HN1 well located on the GM 41-4 well pad (COGCC fac. # 334636). The spill occurred when the consultant opened the unload valve at the production units which normally feeds to the production tanks on-site. However, the GM 41-4 location has a line that runs to the Riley Tank Farm. The Riley Tank Farm is located approximately 1,700 feet to the northeast of the well pad. The pressure in the line displaced the fluids, present in the line, into one of the tanks at the tank farm facility causing it to overfill. The fluids migrated out of the top of the tank and into the steel lined SPCC containment structure. Due to the pressure in the tank a small amount of fluid misted out of the top and impacted a small area outside the lined SPCC containment structure.

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

The production group will lock out/tag out Niobrara unload valves, in a closed position. This will be implemented on all Niobrara wells that send water to an off-site facility. In addition, signage will be installed by the valve noting "UNLOAD VALVE ONLY - DO NOT OPEN - CONTACT PRODUCTION PERSONEL" and another sign on the water line noting "WATER TO OFF SITE FACILITY".

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: 12/18/2014 Email: karolina.blaney@wpxenergy.com

Attachment Check List

Att Doc Num

Name

400755623

AERIAL PHOTOGRAPH

Total Attach: 1 Files

General Comments

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

Total: 0 comment(s)