

# State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400818952

Date Received:

04/02/2015

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

441351

## 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# 400815902

Initial Report Date: 03/26/2015 Date of Discovery: 03/26/2015 Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWNW SEC 27 TWP 6S RNG 94W MERIDIAN 6Latitude: 39.501040 Longitude: -107.882523Municipality (if within municipal boundaries): \_\_\_\_\_ County: GARFIELD

#### Reference Location:

Facility Type: WELL PAD ☒ Facility/Location ID No 324122☐ 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): 0Estimated Condensate Spill Volume(bbl): 0Estimated 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, sunnySurface 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 release was caused by corrosion of the produced water tank. Estimated 10 bbls of produced water leaked out of the tank into the dirt SPCC containment, saturated through a portion of the berm, and migrated 10' to the southwest of the SPCC containment. Though the spill reached a rill on the edge of the pad, it did not leave the footprint of the pad surface, so was contained on location.

List Agencies and Other Parties Notified:

| OTHER NOTIFICATIONS |                 |              |              |                 |
|---------------------|-----------------|--------------|--------------|-----------------|
| Date                | Agency/Party    | Contact      | Phone        | Response        |
| 3/26/2015           | COGCC           | Stan Spencer | 970-987-2497 | Initial Form 19 |
| 3/26/2015           | County          | Kirby Wynn   | 970-625-5905 | Email           |
| 3/26/2015           | Fire Department | Orrin Moon   | 970-625-1243 | Email           |
| 3/26/2015           | Surface owner   |              | -            | Phone call      |

SPILL/RELEASE DETAIL REPORTS

#1      Supplemental Report Date: 04/02/2015

|                 |               |                 |                          |
|-----------------|---------------|-----------------|--------------------------|
| <b>FLUIDS</b>   | BBL's SPILLED | BBL's RECOVERED | Unknown                  |
| OIL             | 0             | 0               | <input type="checkbox"/> |
| CONDENSATE      | 0             | 0               | <input type="checkbox"/> |
| PRODUCED WATER  | 10            | 2               | <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? 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): 46    Width of Impact (feet): 21

Depth of Impact (feet BGS): \_\_\_\_\_    Depth of Impact (inches BGS): 6

How was extent determined?

By field measurements and mapping with a Trimble GPS unit.

Soil/Geology Description:

Map Unit Symbol - 3 - Arvada Loam - Highly saline alluvium derived from sandstone and shale

Depth to Groundwater (feet BGS) 70      Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest

|            |             |  |                   |             |                               |
|------------|-------------|--|-------------------|-------------|-------------------------------|
| Water Well | <u>4088</u> | None <input type="checkbox"/>            | Surface Water     | <u>2318</u> | None <input type="checkbox"/> |
| Wetlands   | <u>1136</u> | None <input type="checkbox"/>            | Springs           | <u>4737</u> | None <input type="checkbox"/> |
| Livestock  | _____       | None <input checked="" type="checkbox"/> | Occupied Building | <u>4055</u> | None <input type="checkbox"/> |

Additional Spill Details Not Provided Above:

The produced water tank 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. 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 area impacted by the release was 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 sample was collected and submitted to an accredited laboratory for analysis. Further remedial action, if warranted, will be based on the laboratory results. WPX would like to ask for COGCC's permission to analyze the confirmation samples for an abbreviated list of Table 910-1 analytes. The samples would be analyzed for TPH, BTEX, PAHs, and inorganics. The samples would not be analyzed for metals.

## CORRECTIVE ACTIONS

|  |                           |  |   |   |
|--|---------------------------|--|---|---|
| #1   | Supplemental Report Date: | 04/02/2015                                     |   |   |
| 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)   |                           |  |   |   |
| <div>The produced water tank 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.</div>  |                           |  |   |   |
| Describe measures taken to prevent the problem(s) from reoccurring:  |                           |  |   |   |
| <div>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.</div> |                           |  |   |   |
| Volume of Soil Excavated (cubic yards): _____  |                           |  |   |   |
| Disposition of Excavated Soil (attach documentation)   |                           | <input type="checkbox"/> Offsite Disposal      | <input type="checkbox"/> Onsite Treatment             |   |
|  |                           | <input type="checkbox"/> 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: 04/02/2015 Email: karolina.blaney@wpxenergy.com

## Attachment Check List

| Att Doc Num | Name              |
|-------------|-------------------|
| 400818966   | AERIAL PHOTOGRAPH |

Total Attach: 1 Files

## General Comments

| User Group | Comment | Comment Date |
|------------|---------|--------------|
|            |         |              |

Total: 0 comment(s)