

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:

401935071

Date Received:

02/11/2019

Spill report taken by:

Hughes, Jim

Spill/Release Point ID:

460502

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to COGCC Rule 906.b. for reporting requirements of spills or releases of E&P Waste or produced fluids. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

OPERATOR INFORMATION

Name of Operator: <u>PETROX RESOURCES INC</u>	Operator No: <u>69805</u>	<b>Phone Numbers</b>
Address: <u>12600 W COLFAX AVENUE #C-440</u>		Phone: <u>(303) 803-3998</u>
City: <u>LAKEWOOD</u> State: <u>CO</u> Zip: <u>80215</u>		Mobile: <u>( )</u>
Contact Person: <u>Ryan Clark</u>		Email: <u>ryan@petrox-resources.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401894431

Initial Report Date: 01/06/2019 Date of Discovery: 01/06/2019 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWSE SEC 29 TWP 33N RNG 5W MERIDIAN N

Latitude: 37.072601 Longitude: -107.414628

Municipality (if within municipal boundaries): \_\_\_\_\_ County: ARCHULETA

Reference Location:

Facility Type: TANK BATTERY  Facility/Location ID No 378715

Spill/Release Point Name: CDP/Ellison 29-1 Location  No Existing Facility or Location ID No.

Number: \_\_\_\_\_  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): 0 Estimated Condensate Spill Volume(bbl): 0

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: Cold and Snowing

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 slug of water was pushed to the Ellison location and overflowed the tank on location. The excess water was fully contained in the berm. Petrox believes that one of the below surface lines froze during the night and during the morning of 1/6/2019 it thawed causing a large slug of water to fill the tank. Petrox is still investigating the cause but will have the exact cause for the supplemental spill report. 60 bbls were pulled from the berm and disposed of at the Tierra Piedra #15-1 SWD facility. Water flow rates returned to normal shortly after the slug. The location recently was upgraded from a 250 bbl to 400 bbl tank, which minimized spill volume. A remediation plan will be determined when the root cause is identified.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
1/6/2019	COGCC	Jim Hughes	970-9034072	Left Email
1/6/2019	Land Owner		-	Petrox Field Foreman verbally told the new land owner.

Was there a Grade 1 Gas Leak associated with this E & P waste spill or release? Yes  No

If YES, enter the Document Number of the Initial Grade 1 Gas Leak Report Form 44: \_\_\_\_\_

Was there a reportable accident associated with this E & P waste spill or release? Yes  No

If YES, enter the Document Number of the Initial Accident Report, Form 22: \_\_\_\_\_

**SPILL/RELEASE DETAIL REPORTS**

#1 Supplemental Report Date: 02/11/2019

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>60</u>	<u>60</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? YES 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): \_\_\_\_\_ Width of Impact (feet): \_\_\_\_\_

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

How was extent determined?

60 bbls was pulled from the lined and bermed secondary containment.

Soil/Geology Description:

The spill never breached containment. A sample was taken from the inside of the berm for testing. These results will be forwarded to Jim Hughes once available.

Depth to Groundwater (feet BGS) 30 Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest Water Well 1423 None  Surface Water 1869 None

Wetlands \_\_\_\_\_ None  Springs \_\_\_\_\_ None

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

Additional Spill Details Not Provided Above:

It was previously reported that the facility had been upgraded from a 210 bbl tank to a 400 bbl tank. This used tank had been purchased but was not installed yet due to holes in the purchased tank. This was not communicated to me by the field foreman until after the initial spill report was submitted and I assumed it had been installed. New 400 bbl tanks have a 6 month wait time due to aggressive drilling in the Permian in Texas; therefore, when another acceptable used 400 bbl tank is available and weather permitting, a 400 bbl tank will be installed at the facility with a 110% lined and bermed secondary containment.

**CORRECTIVE ACTIONS**

#1 Supplemental Report Date: 02/11/2019

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 cause of this spill was due to water in the Red Cedar Gathering 16" gas line. Pigging operations were scheduled for the next day; however, increased gas production was sufficient to cause a slug of water to enter the Red Cedar Gathering CDP slug catcher. The slug water is currently tied into the Ellison 33-5 #29-1 210 produced water tank. The previous day had the normal 3 foot of water in the tank, which is historically acceptable. Attached is a detailed facility diagram describing how the CDP slug catcher ties into the Ellison Facility and pictures showing the 30 mil liner for the secondary containment.

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

As stated in the detail portion of this report a 400 bbl will be installed when weather permits. In the meantime, the 210 bbl tank will be emptied more regularly and when static pressure increases at the facility the facility will be monitored more closely. Additionally, pigging operations will be scheduled more frequently.

Volume of Soil Excavated (cubic yards): 0

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

Volume of Impacted Ground Water Removed (bbls): 0

Volume 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 Project No: \_\_\_\_\_

**OPERATOR COMMENTS:**

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

Signed: \_\_\_\_\_ Print Name: Ryan Clark

Title: Engineer Date: 02/11/2019 Email: ryan@petrox-resources.com

**COA Type****Description**

COA Type	Description

**Attachment Check List****Att Doc Num****Name**

401935077	ANALYTICAL RESULTS
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Total Attach: 1 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>
		Stamp Upon Approval

Total: 0 comment(s)