

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401232888

Date Received:

03/14/2017

Spill report taken by:

LUJAN, CARLOS

Spill/Release Point ID:

449635

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>VANGUARD OPERATING LLC</u>	Operator No: <u>10531</u>	Phone Numbers
Address: <u>5847 SAN FELIPE #3000</u>		Phone: <u>(970) 876-1959</u>
City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77057</u>		Mobile: <u>()</u>
Contact Person: <u>Scott Ghan</u>		Email: <u>sghan@vnrllc.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401230823

Initial Report Date: 03/10/2017 Date of Discovery: 03/09/2017 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NENE SEC 36 TWP 6S RNG 92W MERIDIAN 6

Latitude: 39.488790 Longitude: -107.610570

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

Reference Location:

Facility Type: TANK BATTERY Facility/Location ID No 159159

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): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): Unknown

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 55 degrees

Surface Owner: FEE Other(Specify): Clark Scott

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 occurred at a weld, near a loadout valve, on a produced water tank located inside a lined secondary containment. There was stormwater present both inside and outside the secondary containment at the time of the release. It is suspected that the synthetic liner along the perimeter of the containment may be compromised in two isolated locations, but this was difficult to determine due to the presence of stormwater outside the containment. The suspected spill path will be sampled to verify. The release was not observed by the SWD operator during his 0600 tank inspections, but was later identified by our lease operator at 1130. Based on these observations, it appears the release was short in duration at a minimal flowrate. The tank was isolated and emptied and all the water was removed from inside the secondary containment via vacuum truck. All pooling water along the suspected spill path was also recovered during the response activities.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
3/9/2017	COGCC	Carlos Lujan	-	approved of response activities
3/9/2017	GarCo	Kirby Wynn	-	notified via email
3/9/2017	landowner	Clark Scott	970-618-3828	approved of response activities

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 03/14/2017

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			<input checked="" 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?

Additional details will be provided in a pending supplemental report.

Soil/Geology Description:

Potts Loam, 3 to 6 percent slopes

Depth to Groundwater (feet BGS) 77 Number Water Wells within 1/2 mile radius: 2

If less than 1 mile, distance in feet to nearest

Water Well	<u>1081</u>	None <input type="checkbox"/>	Surface Water	<u>1951</u>	None <input type="checkbox"/>
Wetlands	_____	None <input checked="" type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	<u>1088</u>	None <input type="checkbox"/>	Occupied Building	<u>997</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

Vanguard staff met Carlos Lujan at the location on March 13th to discuss the incident and soil samples were collected by a third-party consultant. Additional details and analytical results will be provided in a supplemental report.

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:

Carlos-please consider this supplemental as meeting the 10 day requirement. Additional details and analytical results will provided in a additional submittal as we have discussed.

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

Signed: _____ Print Name: Scott Ghan

Title: Senior EHS Specialist Date: 03/14/2017 Email: sghan@vnrlc.com

<u>COA Type</u>	<u>Description</u>
	Operator shall demonstrate that the secondary containment is in compliant with Rule 605.a.(4).
	Assess nature and extent of contamination. Remediate to Table 910-1 standards and provide documentation in a Supplemental F-19 if cleaned up immediately or in a F-27 if extended remediation is required.
	Provide any information available concerning the root causes of the spill.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401232888	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401232901	SITE MAP
401233758	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	During our onsite meeting, Vanguard indicated that 1) the 625 bbls tank that leaked will be removed with a crane, for inspection and repair/replacement, and 2) that the gravel in the secondary containment will be removed to assess the integrity of the liner. As agreed, Vanguard will submit a subsequent supplemental Spill Report with the results of the investigation and the lab results, as well as the proposed path forward for cleanup and repairs as necessary.	03/15/2017
Environmental	Conditions of Approval are the same as in the Initial Spill Report.	03/15/2017

Total: 2 comment(s)