

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:

402494384

Date Received:

09/21/2020

Spill report taken by:

Oakman, Kari

Spill/Release Point ID:

477882

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>GREAT WESTERN OPERATING COMPANY LLC</u>	Operator No: <u>10110</u>	Phone Numbers
Address: <u>1001 17TH STREET #2000</u>		Phone: <u>(720) 595-2132</u>
City: <u>DENVER</u>	State: <u>CO</u>	Zip: <u>80202</u>
Contact Person: <u>Jason Davidson</u>		Mobile: <u>()</u>
		Email: <u>jdavidson@gwp.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402483798

Initial Report Date: 09/08/2020 Date of Discovery: 09/08/2020 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SESE SEC 34 TWP 1N RNG 67W MERIDIAN 6

Latitude: 40.003812 Longitude: -104.869031

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

Reference Location:

Facility Type: TANK BATTERY

☒ Facility/Location ID No 440806

Spill/Release Point Name: Marcus LD Pad

☐ Well API No. (Only if the reference facility is well) 05- -

☐ No Existing Facility or Location ID No.

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? No

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

Estimated Oil Spill Volume(bbl): >=1 and <5

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): >=1 and <5

Estimated Other E&P Waste Spill Volume(bbl): 0

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: 2 bbls of oil and 2 bbls of produced water

Land Use:

Current Land Use: CROP LAND

Other(Specify): _____

Weather Condition: Raining and windy, 35 degrees F

Surface Owner: FEE

Other(Specify): Carroll Marcus

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 leak from the fire tube gasket associated with a bulk treater, resulted in the release of approximately 2 bbls of oil and 2 bbls of water all within unlined secondary containment. The release occurred at approximately 8:40 am on Tuesday, September 8, 2020 and was completely contained on-site. Surface water was not impacted, no injuries occurred as a result of the release, and cleanup is ongoing.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
9/8/2020	Weld County	Jason Maxey	--	Email: jmaxey@weldgov.com
9/8/2020	Weld County	Jay Mcdonald	--	Email: jmcdonald@weldgov.com
9/8/2020	COGCC	Kari Oakman	--	Email: kari.oakman@state.co.us
9/8/2020	Landowner	Carroll Marcus	303-638-5415	Great Western phone conversation at 12:14 pm

Was there a Grade 1 Gas Leak? Yes ☐ No ☒

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

Was there a reportable accident associated with either a Grade 1 Gas Leak or an E&P waste spill or release? Yes ☐ No ☒

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

Was there damage during excavation? Yes ☐ No ☒

If YES, was CO 811 notified prior to excavation? Yes ☐ No ☐

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 09/21/2020		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	2	2	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	2	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? 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): 50 Width of Impact (feet): 33

Depth of Impact (feet BGS): Depth of Impact (inches BGS): 3

How was extent determined?

Visually during clean-up activities.

Soil/Geology Description:

Nunn loam, 1 to 3 percent slopes

Depth to Groundwater (feet BGS) 25

Number Water Wells within 1/2 mile radius: 12

If less than 1 mile, distance in feet to nearest

Water Well 1200 None ☐

Surface Water 2180 None ☐

Wetlands 1600 None ☐

Springs None ☒

Livestock None ☒

Occupied Building 1180 None ☐

Additional Spill Details Not Provided Above:

On September 8, 2020, a hydrovac was used to recover 2 bbls of oil and 2 bbls of produced water and potentially impacted roadbase in the release area. On September 11, 2020, Olsson collected three confirmation roadbase soil samples from the release area. During sampling activities, visual and olfactory observations were made and a photoionization detector (PID) was used to screen soil samples. No impacts were observed during sampling activities. Three samples were collected from 3 inches below ground surface with clean hand auger equipment decontaminated between sample points. The samples were submitted to Origins Laboratory in Denver, CO for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), total petroleum hydrocarbon (TPH)- gasoline range organics (GRO), and TPH- diesel range organics (DRO). Concentrations of BTEX, TPH-GRO, and TPH-DRO were either not reported above laboratory detection limits or were reported below their respective COGCC Table 910-1 concentration levels in all three samples. Groundwater was not encountered during sampling activities. See the attached Figure 1 for the confirmation soil sample locations and the attached Table 1 for a summary of confirmation soil sampling analytical results. A copy of the laboratory analytical report is also attached.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 09/21/2020

Root Cause of Spill/Release Equipment Failure

Other (specify)

Type of Equipment at Point of Spill/Release: Other

If "Other" selected above, specify or describe here:

Bulk Treater

Describe Incident & Root Cause (include specific equipment and point of failure)

A leak from the fire tube gasket associated with a bulk treater, resluted in the release.

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

Adding fire tube gasket inspection to weekly AVO assessment.

Volume of Soil Excavated (cubic yards): 6

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: Jason Davidson

Title: Senior EHS Specialist Date: 09/21/2020 Email: jdavidson@gwp.com

COA Type

Description

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Attachment Check List

Att Doc Num

Name

402494392	ANALYTICAL RESULTS
402494393	ANALYTICAL RESULTS
402494394	ANALYTICAL RESULTS

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)