

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

402422718

Date Received:

06/18/2020

Spill report taken by:

Arauzo, Steven

Spill/Release Point ID:

476904

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>GRIZZLY 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>sgghan@grizzlyenergyllc.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402419178

Initial Report Date: 06/11/2020 Date of Discovery: 06/10/2020 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR NENW SEC 27 TWP 6S RNG 92W MERIDIAN 6

Latitude: 39.504961 Longitude: -107.655280

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

Reference Location:

Facility Type: OIL AND GAS LOCATION Facility/Location ID No 335440

Spill/Release Point Name: Stranahan-66S92W 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? 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? No

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): >=1 and <5

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): rangeland

Weather Condition: Sunny and 80 degrees

Surface Owner: FEE Other(Specify): JR Rieke

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):

Grizzly Operating was performing annual flowline pressure tests on June 9th, 2020 at our Stranahan-66S92W location and determined that the dump lines were losing pressure during the tests. On June 10th, 2020, we began excavating the lines to determine the cause of the pressure loss and encountered impacted soils. Excavation and assessment activities are ongoing, but the released volume is currently being estimated at approximately 1-5 barrels of produced water. A third-party environmental consultant is on the location today and is field screening the soils and collecting confirmation samples, as necessary.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
6/10/2020	GarCo	Kirby Wynn	-	notified via email-no response yet
6/10/2020	COGCC	Steven Arauza	-	notified via email-no response yet
6/10/2020	landowner	JR Rieke	970-948-3375	Met on location and discussed response activities

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:	06/17/2020		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown	
OIL	0	0	<input type="checkbox"/>	
CONDENSATE	0	0	<input type="checkbox"/>	
PRODUCED WATER	5	5	<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): 55

Width of Impact (feet): 15

Depth of Impact (feet BGS): 8

Depth of Impact (inches BGS): _____

How was extent determined?

On 6/11/2020 and 6/12/2020, excavation activities continued until field screening and observations indicated the removal of impacted soil. Confirmation soil samples were collected from the base and sidewalls of the excavation and were submitted for laboratory analysis of constituents identified in COGCC Table 910-1. Approximately 168 cubic yards of impacted soil were transported to Greenleaf Environmental Services in De Beque, Colorado for offsite disposal. Waste disposal manifests are attached. The excavation area and soil sample locations are depicted on the attached Figure 2. Laboratory analytical results are pending and are expected to be received during the week of 6/22/2020. The laboratory analytical results will be submitted in a Supplemental Form 19. If the laboratory analytical results indicate compliance with Table 910-1 soil concentrations levels, Grizzly Operating will request closure in the pending Supplemental Form 19.

Soil/Geology Description:

Heldt clay loam, 6 to 12 percent slopes.

Depth to Groundwater (feet BGS) 50

Number Water Wells within 1/2 mile radius: 8

If less than 1 mile, distance in feet to nearest

Water Well 1080 None

Surface Water 576 None

Wetlands 731 None

Springs _____ None

Livestock 500 None

Occupied Building 200 None

Additional Spill Details Not Provided Above:

No groundwater was encountered during the excavation activities. The depth to groundwater is estimated to be greater than 50 feet based on regional water well data.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 06/18/2020

Root Cause of Spill/Release Corrosion

Other (specify) _____

Type of Equipment at Point of Spill/Release: Dump Line

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

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

The release of produced water was determined to have been caused by external corrosion of a welded fitting on a subsurface dump line. Historical pressure testing data for the flowlines is included in the attachments, as requested by the COGCC Flowline Integrity Inspector.

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

The subsurface dump lines will be replaced with aboveground dump lines which will be heat traced and insulated. The aboveground application will eliminate any further corrosion related issues.

Volume of Soil Excavated (cubic yards): 168

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:

Grizzly Operating is formally requesting relief from the representative fluid sample COA attached to the approval of the initial Form 19 (Doc # 402419178). We currently don't have access to produced water, as the pad is shut-in and the dump lines have been removed. The tank has been emptied of produced water as a precautionary measure and the stairway to access the top of the tanks has been removed due to the excavation. Eleven soil confirmation samples were collected from the excavated area and are being analyzed. The depths of these samples ranged from 6.5 to 8.5' bgs. The dump line was located at 4' bgs, so it appears that both the vertical and horizontal migration was minimal based on field screening and information available to date. There is currently no evidence to support any indications of potential impacts to groundwater or surface water based on the field observations or the data currently available. We intend that the pending analytical results from the soil confirmation samples will confirm that the impacted soil has been fully delineated and removed from the

subsurface.

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: 06/18/2020 Email: sghan@grizzlyenergyllc.com

COA Type **Description**

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Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402424619	SITE MAP
402424625	TOPOGRAPHIC MAP
402425513	OTHER
402425541	DISPOSAL MANIFEST

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)