

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

Soil impacts were discovered during the removal of a partially-buried produced-water vessel. Vertical and horizontal definition is being pursued with conventional excavation, and clearance samples will be collected from the bottom and sidewalls of the excavation. In accordance with the submitted Form 27 submitted for this project, collected samples will be field-screened and submitted for laboratory analysis. Please refer to the submitted Form 27, COGCC Document #: 401786956, for further details.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
3/12/2019	Landowner		-	Phone notification
3/12/2019	Weld County LGD	Jason Maxey	-	Email notification

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: 03/12/2019	
FLUIDS	BBL's SPILLED	BBL's RECOVERED
OIL	_____	_____
CONDENSATE	0	0
PRODUCED WATER	_____	_____
DRILLING FLUID	0	0
FLOW BACK FLUID	0	0
OTHER E&P WASTE	0	0
Unknown		
		<input checked="" type="checkbox"/>
		<input type="checkbox"/>
		<input checked="" type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>
specify:	_____	
Was spill/release completely contained within berms or secondary containment?	<u>NO</u>	Was an Emergency Pit constructed? <u>NO</u>
<i>Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>		
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)	<input checked="" type="checkbox"/> Soil	<input type="checkbox"/> Groundwater
	<input type="checkbox"/> Surface Water	<input type="checkbox"/> 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?		
A release was discovered during removal of the partially-buried produced-water vessel. Additional excavations will be conducted in order to determine the extent. Impacted soils will be removed and transported to a disposal facility. Transport and disposal records will be kept on file under usual and customary practice and are available upon request. Soil samples will be collected and analyzed for organic constituents (TPH and BTEX) and inorganics (SAR, EC and pH) until the areal and vertical extents of the excavation were within COGCC Table 910-1 allowable limits. If present, a groundwater sample will be collected and submitted for laboratory analysis to support site characteristics and excavation clearance.		
Soil/Geology Description:		
Aquolls and Aquents, gravelly substratum.		
Depth to Groundwater (feet BGS)	16	Number Water Wells within 1/2 mile radius: 58

If less than 1 mile, distance in feet to nearest	Water Well	<u>478</u>	None	Surface Water	<u>690</u>	None
	Wetlands	<u>493</u>	None <input type="checkbox"/>	Springs		None <input checked="" type="checkbox"/>
	Livestock	<u>635</u>	None <input type="checkbox"/>	Occupied Building	<u>366</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	<u>03/12/2019</u>
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Cause of Spill (Check all that apply) Human Error Equipment Failure Historical-Unknown

Other (specify) _____

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

While removing the partially-buried produced-water vessel from the tank battery, historical soil impacts were discovered. It appears that equipment failure of the produced-water vessel caused a discharge of fluids, resulting in soil impacts.

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

The entire site is being decommissioned and will be reclaimed. More details will follow on an f27 submittal pending investigation.

Volume of Soil Excavated (cubic yards): _____

Disposition of Excavated Soil (attach documentation) Offsite Disposal Onsite Treatment

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: 12245

OPERATOR COMMENTS:

Laboratory results and site investigation details will be provided in the Supplemental Form 27 submitted to document closure of the assigned remediation project. If no additional information is needed in conjunction with this report, please open and close the incident number assigned to this historic release.

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

Signed: _____ Print Name: Maggie Graham

Title: Senior Project Manager Date: 03/12/2019 Email: Maggie.Graham@apexcos.com

COA Type	Description

Attachment Check List

Att Doc Num	Name
401969799	SITE MAP

Total Attach: 2 Files

General Comments

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

Total: 0 comment(s)