

State of Colorado Oil and Gas Conservation Commission

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Document Number:

402883996

Date Received:

12/12/2021

Spill report taken by:

Araza, Steven

Spill/Release Point ID:

481404

SPILL/RELEASE REPORT (INITIAL /w SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to COGCC Rule 912.b. for reporting requirements of spills or releases of E&P Waste, produced Fluids, or unauthorized Releases of natural gas. Submit a Site Investigation and Remediation Workplan (Form 27) if Rule 913.c. applies.

OPERATOR INFORMATION

Name of Operator: CAERUS PICEANCE LLC	Operator No: 10456	Phone Numbers
Address: 1001 17TH STREET #1600		Phone: (970) 778-2314
City: DENVER State: CO Zip: 80202		Mobile: (970) 778-2314
Contact Person: Jake Janicek		Email: jjanicek@caerusoilandgas.com

☐ Transfer of Operatorship: Pursuant to Rule 912.f, this Supplemental Form 19 is being submitted to designate the Buying Operator as the responsible Operator for this Spill and Release.

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402883996

Initial Report Date: 12/01/2021 Date of Discovery: 11/17/2021 Spill Type: Historical Release

Spill/Release Point Location:

QTRQTR SENW SEC 16 TWP 2S RNG 95W MERIDIAN 6

Latitude: 39.875339 Longitude: -108.066140

Municipality (if within municipal boundaries): County: RIO BLANCO

Enter Lat./long measurement of the actual Spill/Release Point. Lat./Long. Data shall meet standards of Rule 216.

Reference Location:

Facility Type: OTHER

☒ Facility/Location ID No 316604

Spill/Release Point Name: Fed 2S-95-16-22 PBV Impacts

☐ Well API No. (Only if the reference facility is well) 05- -☐ No Existing Facility or Location ID 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): Unknown

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

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Has the subject Spill/Release been controlled at the time of reporting? Yes

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): _____

Weather Condition: Clear 50

Surface Owner: FEE

Other(Specify): _____

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

During sampling associated with decommissioning the dehy and partially buried vault at the Fed 2S-95-16-22CP location (COGCC Location ID 316604), historic impacts were discovered and confirmed via confirmation sampling. We are currently planning to return to the site and delineate/remediate any remaining impacts. A site diagram, summary soil analytical table, and sampling results are attached to this form.

List of Agencies and Other Parties Notified Pursuant to Rule 912.b.(7)-(11):

OTHER NOTIFICATIONS

<u>Date</u>	<u>Agency/Party</u>	<u>Contact</u>	<u>Phone</u>	<u>Response</u>
12/1/2021	Landowner		-	Approved us to proceed
12/1/2021	Rio Blanco County	Edward Smercina	-	None at time of reporting
12/1/2021	BLM	Tim Barrett	-	None at time of reporting
12/1/2021	COGCC	John Heil	-	None at time of reporting
12/1/2021	COGCC	Steven Arauza	-	None at time of reporting
12/1/2021	CPW	Taylor Elm	-	None at time of reporting

REPORT CRITERIA

Rule 912.b.(1) Report to the Director (select all criteria that apply):

No Rule 912.b.(1).A: A Spill or Release of any size that impacts or threatens to impact any Waters of the State, Public Water System, residence or occupied structure, livestock, wildlife, or publicly-maintained road.

Waters of the State: _____ Public Water System: _____
Residence or Occupied Structure: _____ Livestock: _____
Wildlife: _____ Publicly-Maintained Road: _____

No Rule 912.b.(1).B: A Spill or Release in which 1 barrel or more of E&P Waste or produced fluids is spilled or released outside of berms or other secondary containment.

No Rule 912.b.(1).C: A Spill or Release of 5 barrels or more of E&P Waste or produced Fluids regardless of whether the Spill or Release is completely contained within berms or other secondary containment.

No Rule 912.b.(1).D: Within 6 hours of discovery, a Grade 1 Gas Leak. For a Grade 1 Gas Leak from a Flowline, the Operator also must submit the Form 19 – Initial, document number on a Form 44, Flowline Report, for the Grade 1 Gas Leak

Enter the approximate time of discovery _____ (HH:MM)
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? _____
Enter the Document Number of the Initial Accident Report, Form 22 _____
Was there damage during excavation? _____
Was CO 811 notified prior to excavation? _____

Yes Rule 912.b.(1).E: The discovery of 10 cubic yards or more of impacted material resulting from a current or historic Spill or Release. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards.

Estimated Volume of Impacted Solids (cu. yd.): _____ 10

No	Rule 912.b.(1).F: The discovery of impacted Waters of the State, including Groundwater. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards. The presence of free product or hydrocarbon sheen on Groundwater or surface water is reportable. The presence of contaminated soil in contact with Groundwater or surface water is reportable. Check all that apply:
	<input type="checkbox"/> The presence of free product or hydrocarbon sheen Surface Water <input type="checkbox"/> The presence of free product or hydrocarbon sheen on Groundwater <input type="checkbox"/> The presence of contaminated soil in contact with Groundwater <input type="checkbox"/> The presence of contaminated soil in contact with Surface water
No	Rule 912.b.(1).G: A suspected or actual Spill or Release of any volume where the volume cannot be immediately determined, including a spill or release of any volume that daylight from the subsurface.
No	Rule 912.b.(1).H: Spill or Release resulting in vaporized hydrocarbon mists that leave the Oil and Gas Location or Off-Location Flowline right of way from an Oil and Gas Location and impacts or threatens to impact off-location property.
	<input type="checkbox"/> Areas offsite of Oil & Gas Location <input type="checkbox"/> Off-Location Flowline right of way
No	Rule 912.b.(1).I: A Release of natural gas that results in an accumulation of soil gas or gas seeps.
No	Rule 912.b.(1).J: A Release that results in natural gas in Groundwater.

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 12/01/2021		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER			<input checked="" 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? <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): _____	
Depth of Impact (feet BGS): _____		Width of Impact (feet): _____	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____	
How was extent determined? _____			
Field observations and laboratory analytical results			
Soil/Geology Description:			
Irigul-Parachute complex, 5 to 30 percent slopes			
Depth to Groundwater (feet BGS) <u>200</u>		Number Water Wells within 1/2 mile radius: <u>0</u>	
If less than 1 mile, distance in feet to nearest	Water Well _____	None <input checked="" type="checkbox"/>	Surface Water <u>3065</u> None <input type="checkbox"/>
	Wetlands _____	None <input checked="" type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>
	Livestock <u>0</u>	None <input type="checkbox"/>	Occupied Building _____ None <input checked="" type="checkbox"/>
Additional Spill Details Not Provided Above:			

It appears as if the permitted water wells populated within a half mile of the project area on the COGIS database are gas wells that were permitted by a previous operator through the DWR to allow them to use production water in a variety of ways. The submittal of this form includes the determination by the submitter that they are not domestic water wells. There are cattle grazing in close proximity to the location. The value used for the Depth to Groundwater listed above was estimated based on topography.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 12/01/2021

Root Cause of Spill/Release Unknown (Historical)

Other (specify)

Type of Equipment at Point of Spill/Release: Partially Buried Vessel

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

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

The specific type of equipment was a partially buried vessel and the root cause is unknown since this is considered a historic release.

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

Since this is a historic release and the root cause is unknown, preventative measures cannot be determined. However, the tank has already been removed.

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, check all that apply)

☐ Horizontal and Vertical extents of impacts have been delineated.

☐ Documentation of compliance with Table 915-1 is attached.

☐ All E&P Waste has been properly treated or disposed.

☒ Work proceeding under an approved Form 27 (Rule 912.c).

Form 27 Remediation Project No: 20090

☐ SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

OPERATOR COMMENTS:

A photograph of the impacted area is attached to this map.

The lab report associated with facility decommissioning sampling approved under COGCC Remediation 20090 was received on 11/17/2021. This Form 19 should have been submitted within the timelines required under Rule 912 but was submitted late in error. 11/17/2021 was selected as the Date of Discovery.

Further assessment work was completed on 12/9/2021 in order to delineate any remaining impacts. Results of that work will be submitted in the next Form 27 submittal associated with Remediation # 20090.

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

Signed: _____ Print Name: Jake Janicek

Title: EHS Specialist Date: 12/12/2021 Email: jjanicek@caerusoilandgas.com

Condition of Approval

COA Type

Description

	Based on review of information presented it appears that no additional spill reporting via the Form 19 is necessary at this time, and COGCC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if surface and/or ground water is found to be impacted, then further investigation and/or remediation activities will be required at the site.
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1 COA

Attachment List

Att Doc Num

Name

402883996	SPILL/RELEASE REPORT(I/S)
402884003	ANALYTICAL RESULTS
402884010	MAP
402884040	ANALYTICAL RESULTS
402884078	TOPOGRAPHIC MAP
402887738	PHOTO DOCUMENTATION
402925035	FORM 19 SUBMITTED

Total Attach: 7 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)