

## State of Colorado

## Energy &amp; Carbon Management Commission

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Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

404062570

Date Received:

03/12/2025

Spill report taken by:

Sanchez, Chris

Spill/Release Point ID:

488536

**SPILL/RELEASE REPORT (SUPPLEMENTAL)**

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to ECMC 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: CITATION OIL & GAS CORP	Operator No: 17180	<b>Phone Numbers</b>
Address: 14077 CUTTEN RD		Phone: (281) 891-1550
City: HOUSTON	State: TX	Zip: 77069
Contact Person: Bob Redweik		Mobile: (712) 702-7534
		Email: bredweik@cogc.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# 403998224

Initial Report Date: 11/18/2024	Date of Discovery: 11/18/2024	Spill Type: Historical Release
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**Spill/Release Point Location:**

QTRQTR SWSE SEC 1 TWP 12S RNG 51W MERIDIAN 6

Latitude: 39.024793 Longitude: -103.059697

Municipality (if within municipal boundaries): County: CHEYENNE

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

☐ Check this box if this spill/release is related to a loss of integrity of a flowline, pipeline, crude oil transfer line, or produced water transfer line.

**Reference Location:**

Facility Type: GAS COMPRESSOR STATION ☒ Facility/Location ID No 412172

Spill/Release Point Name: Speaker Unit Compressor ☐ 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 and <1	Estimated Condensate Spill Volume(bbl): 0
Estimated Flow Back Fluid Spill Volume(bbl): 0	Estimated Produced Water Spill Volume(bbl): 0
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): Rangeland grazing

Weather Condition: Mostly Cloudy, 45 F, Wind NW 15 mph

Surface Owner: FEE Other(Specify):

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

The spill was identified during an ECMC Reclamation Inspection Report #713601556. The small oil-stained area within tank battery containment was determined to be less than 1 barrel of oil. Stained soil will be excavated and removed.

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

Data not required

**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? \_\_\_\_\_

No 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.): \_\_\_\_\_

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:

☐ The presence of free product or hydrocarbon sheen Surface Water

☐ The presence of free product or hydrocarbon sheen on Groundwater

☐ The presence of contaminated soil in contact with Groundwater

☐ The presence of contaminated soil in contact with Surface water

Yes 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 daylights 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.

☐ Areas offsite of Oil & Gas Location ☐ 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: 03/11/2025

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL			<input checked="" 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?

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):

25

Width of Impact (feet):

25

Depth of Impact (feet BGS):

2

Depth of Impact (inches BGS):

How was extent determined?

The horizontal extent of impacts was determined via observations of surface soil staining. Further evaluation of impacts was determined by horizontal and vertical delineation via in field soil screening using a photoionization device (PID) during excavation and confirmation soil sampling.

Soil/Geology Description:

There is road base material on the pad surface down to ~ 1 feet BGS. Below that, according to the USDA Natural Resources Conservation Soil Survey, the spill area is made up of Yoder-Vona complex. The native composition of this soil type is:

Symbol 57 (100% of area)  
A - 0 to 4 inches: sandy loam  
Bt - 4 to 17 inches: gravelly sandy clay loam  
2C - 17 to 60 inches: very gravelly loamy coarse sand

Depth to Groundwater (feet BGS)

70

Number Water Wells within 1/2 mile radius:

1

If less than 1 mile, distance in feet to nearest

Water Well

2520

None

☐

Surface Water

3200

None

☐

Wetlands

800

None

☐

Springs

None

☒

Livestock

70

None

☐

Occupied Building

None

☒

Additional Spill Details Not Provided Above:

According to DWR records, there are only 2 water wells in proximity to the location, the closest well (Permit 54199 ~ 2,520 feet to the northeast) did not have a reported static water depth, however the well was drilled to 90 feet BGS. The location is within the CPW HPH lesser prairie chicken estimated occupied range.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 03/11/2025

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:

Tank

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

This incident is the result of poor housekeeping and clean up procedures. Production operations had inadequate best management practices and necessary resources established to complete routine inspections and internal reporting/response to spills.

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

New procedures have been developed and implemented to complete routine inspections and reporting for locations field wide. Citation will be instituting a good-housekeeping action item priority list and maintenance schedule to address issues before they occur and begin replacing missing or aging equipment as possible. Failed or missing equipment is being replaced with more applicable alternatives in consideration of best engineering practices for longevity and site conditions.

Volume of Soil Excavated (cubic yards): 2

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:

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

## OPERATOR COMMENTS:

A Form 19 Supplemental 10-day report was missed for this location due to a tracking error that has currently been resolved. Chris Sanchez was notified of this issue on 1/31/2025. Due to local resource limitations, Citation was able to make investigation/remediation progress in the field for this location but was unable to keep up with reporting. Moving forward, Citation has addressed the situation and will continue with reporting as required by the ECMC.

Excavation of impacted soil was completed on 12/2/2024 by hand shoveling in areas of soil staining around tanks and associated flowlines within the tank battery. Thirteen (13) confirmation samples were collected and analyzed for ECMC Table 915-1 constituents. Results indicated elevated levels of TPH, SAR, EC, and pH in 6 samples. Additional investigation was completed on 1/23/25 by further delineating the vertical extent by hand augering below the failed confirmation sample point and resampling. Confirmation samples verified the extent of TPH impacts within the tank battery, which are minimal. TPH impacts will be hand excavated, additional confirmation samples will be collected and analyzed for TPH to confirm removal.

Confirmation samples also indicated exceedances for SAR (soil suitability constituent) at 8 sample locations and the extent has not been fully delineated. Further delineation of SAR will be completed and confirmation samples for SAR will be collected to demonstrate the extent of impact. Once the nature and extent of SAR contamination is determined, a reclamation plan will be submitted to request relief under ECMC Rule 915.b.

This Form 19 Supplemental is being submitted concurrently with a Form 27 Initial Report (Doc# 404077468) and Citation is requesting

transfer of this spill to that remediation project. Citation will submit another Form 19 Supplemental Report requesting closure upon Form 27 Initial Approval.

Note that this facility is not a Compressor Station, but rather a Pressure Maintenance Facility. Applicable paperwork has been filed with the ECMC; however, the classification and name change are pending approval.

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

Signed: \_\_\_\_\_ Print Name: Joel Mason

Title: Agent Date: 03/12/2025 Email: joel.mason@absarokasolutions.com

**COA Type**

**Description**

	Per Rule 912.d.(3), Operator is to provide the root cause of the incident and preventative measures that will be taken to prevent reoccurrence on this site on the next Form 19 Supplemental. Please give the location of the failure and provide additional information at what point the failure occurred (i.e. 6 O'clock position, tank bottom, valve) and if the root cause is corrosion explain if it is external or internal. In addition, The Operator shall provide photographic evidence of the point of failure and repairs made
	Operator shall update the Spill Coordinates to reflect the correct location for the spill/release prior to requesting closure for Spill ID 488536.
	Background sampling locations should be sufficiently away from the impacted area to reflect conditions not impacted by oil and gas activity, and should be obtained from similar depths and soil horizons or lithologic materials for comparison to confirmation soil samples.
	Operator shall adhere to Protection of Groundwater Soil Screening Levels
	If groundwater is encountered, the Operator shall sample for Inorganic Parameters (total dissolved solids, sulfate, chloride) in addition to the Organic Compounds
	The impacted soil will be segregated for proper offsite disposal and the lateral and vertical extent of impacts shall be determined with appropriate confirmation soil sampling.
	Samples shall be collected for Full Table 915-1 Contaminants of Concern
6 COAs	

**ATTACHMENT LIST**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
404062570	SPILL/RELEASE REPORT(SUPPLEMENTAL)
404123740	SOIL SAMPLE LOCATION MAP
404123741	OTHER
404123743	PHOTO DOCUMENTATION
404123748	ANALYTICAL RESULTS
404123751	ANALYTICAL RESULTS
404123752	ANALYTICAL RESULTS
404123753	ANALYTICAL RESULTS
404123754	ANALYTICAL RESULTS
404123755	ANALYTICAL RESULTS
404123756	ANALYTICAL RESULTS
404123757	ANALYTICAL RESULTS
404123758	ANALYTICAL RESULTS
404131283	FORM 19 SUBMITTED

Total Attach: 14 Files

## General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)