

State of Colorado  
Oil and Gas Conservation Commission

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Document Number:

403195172

Date Received:

10/12/2022

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

482380

**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 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: <u>EXTRACTION OIL &amp; GAS INC</u>	Operator No: <u>10459</u>	<b>Phone Numbers</b>
Address: <u>370 17TH STREET SUITE 5200</u>		Phone: <u>(303) 2947864</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>		Mobile: <u>(303) 8293811</u>
Contact Person: <u>Jacob Evans</u>		Email: <u>jevans@civiresources.com</u>

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# 403081597

Initial Report Date: 06/16/2022 Date of Discovery: 06/15/2022 Spill Type: Recent Spill

**Spill/Release Point Location:**

QTRQTR NWSW SEC 29 TWP 1S RNG 66W MERIDIAN 6

Latitude: 39.934298 Longitude: -104.804328

Municipality (if within municipal boundaries): \_\_\_\_\_ County: ADAMS

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

**Reference Location:**

Facility Type: TANK BATTERY  Facility/Location ID No 450043

Spill/Release Point Name: PC 1S-66-2928  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): >=5 and <100 Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): >=5 and <100

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: CROP LAND Other(Specify): \_\_\_\_\_

Weather Condition: Clear 70's

Surface Owner: FEE Other(Specify): \_\_\_\_\_

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

A compromised fitting on the underside of a separator resulted in a currently unknown volume of produced fluids being released inside an unlined containment. The pooled fluid ignited and the flames caused equipment damage to the separator bank. There were no injuries associated with the incident. The pad was immediately shut in and the South Adams County and Brighton Fire Departments were dispatched to extinguish the fire. AFFF (PFAS) fire suppressant was not utilized. A Form 22 (Doc# 403081924) has been submitted.

A waste characterization sample be collected and submitted for laboratory analysis. Depending on the analytical results, an updated analyte list will be proposed in a subsequent report. The impacted soil will be removed and hauled to a COGCC approved disposal facility. Confirmation soil samples will be collected and submitted for laboratory analysis.

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

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
6/16/2022	Surface Owner	on file	-on file	Notified of incident
6/16/2022	Adams County	Greg Dean	-on file	Notified of incident via email

**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.

Yes 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 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.

### CORRECTIVE ACTIONS

#1	Supplemental Report Date: <u>10/12/2022</u>
Root Cause of Spill/Release	<u>Corrosion</u>
Other (specify)	_____
Type of Equipment at Point of Spill/Release:	<u>Vertical Separator</u>
If "Other" selected above, specify or describe here:	<div style="border: 1px solid black; height: 30px; width: 100%;"></div>
Describe Incident & Root Cause (include specific equipment and point of failure)	
Civitas personnel conducted an internal Root Cause Analysis (RCA) on June 15-16, 2022. The findings of the onsite investigation revealed that internal corrosion caused the separator's rear drain nipple to break free, allowing the separator contents to drain into the production containment. The vapors released by the separator contacted an ignition source causing the gas to ignite and spread to the product pooled within the containment berm.	
Describe measures taken to prevent the problem(s) from reoccurring:	
In an effort to reduce corrosion related releases, an increased emphasis has been placed on upgrading the Civitas chemical program. During separator maintenance or downtime, the units are often steamed to reduce the buildup of scale and other factors that lead to internal corrosion. Currently, all separators with this type of drain nipple configuration are being replaced to eliminate the reoccurrence for similar events	
Volume of Soil Excavated (cubic yards):	<u>108</u>
Disposition of Excavated Soil (attach documentation)	<input checked="" type="checkbox"/> Offsite Disposal                      Onsite Treatment <input type="checkbox"/> Other (specify) _____
Volume of Impacted Ground Water Removed (bbls):	<u>0</u>
Volume of Impacted Surface Water Removed (bbls):	<u>0</u>

### 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: 25342
  - SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

**OPERATOR COMMENTS:**

