

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

402724182

Date Received:

06/21/2021

Spill report taken by:

YOUNG, ROB

Spill/Release Point ID:

480165

### 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>CITATION OIL &amp; GAS CORP</u>	Operator No: <u>17180</u>	<b>Phone Numbers</b>
Address: <u>14077 CUTTEN RD</u>		Phone: <u>(281) 8911550</u>
City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77069</u>		Mobile: <u>(713) 7027534</u>
Contact Person: <u>Bob Redweik</u>		Email: <u>BRedweik@COGC.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# 402717135

Initial Report Date: 06/14/2021 Date of Discovery: 06/11/2021 Spill Type: Recent Spill

#### Spill/Release Point Location:

QTRQTR NENW SEC 7 TWP 9N RNG 52W MERIDIAN 6

Latitude: 40.774699 Longitude: -103.221102

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

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 443427

Spill/Release Point Name: Dubois Tank Battery  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): >=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: NON-CROP LAND Other(Specify): Grazing

Weather Condition: 70F, sunny and dry

Surface Owner: FEE Other(Specify): Norma Dickinson

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

The check valve on the injection pump failed, allowing fluids to bypass the pump and re-enter the produced water storage tanks. The facility's callout system failed and no high-level alarm notifications were made to the operator. The produced water tanks overflowed into oil storage tanks. Once all facility liquid storage was utilized, all tanks overflowed and total of 168 barrels (BBLs) of fluid were released. 154 BBLs of produced water and six (6) BBLs of oil were held within containment. Four (4) BBLs of produced water and four (4) BBLs of oil overtopped the containment and flowed off of the location to the southwest. Upon discovery, the tank battery and all associated wells were shut-in to stop production. A vactruck was used to remove all free liquids; 158 BBLs of produced water and ten (10) BBLs of oil were recovered.

**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>
6/11/2021	COGCC	Robert Young	303-252-0126	Left voicemail
6/11/2021	Citation Oil & Gas Corp.	Lee Laneheart	281-891-1464	
6/11/2021	COGCC	Kym Schure	970-520-3832	Left voicemail
6/11/2021	Landowner	Norma Dickinson	970-580-1547	
6/14/2021	Logan County	Jerry Casebolt	970-520-0991	Requested copy of Form 19 Report
6/14/2021	CPW-Brush, CO Office	Larry Conger	970-768-7831	Requested copy of Form 19 Report

**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: \_\_\_\_\_

Yes 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

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.

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: 06/21/2021

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>10</u>	<u>10</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>158</u>	<u>158</u>	<input type="checkbox"/>
DRILLING FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
FLOW BACK FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	<u>0</u>	<u>0</u>	<input type="checkbox"/>

specify: Four (4) BBLs of oil and four (4) BBLs of produced water were released outside containment.

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): 50    Width of Impact (feet): 25

Depth of Impact (feet BGS): \_\_\_\_\_    Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

Extent was reported by operator. Absaroka plans to fully delineate the release on 6/23/21.

Soil/Geology Description:

Underlying geology of the Site is the White River Formation comprised of ashy claystone and sandstone from the Oligocene. The Site's soil consists of Norka-Ulysses loams and Santana loams; both are characteristically loamy in texture.

Depth to Groundwater (feet BGS) 40    Number Water Wells within 1/2 mile radius: 6

If less than 1 mile, distance in feet to nearest

Water Well	<u>746</u>	None <input type="checkbox"/>	Surface Water	<u>1462</u>	None <input type="checkbox"/>
Wetlands	<u>3003</u>	None <input type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	<u>0</u>	None <input type="checkbox"/>	Occupied Building	<u>582</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

Water well permit number 31236, located 746' north of the release, reported a static water level of 40' BGS. Absaroka believes this well provides the most accurate groundwater depth when compared to other wells within the 1/2 mile radius. Water well #31236 was the closest to the release and has similar proximity to the irrigation ditch as the release location. The release ran off location and into livestock pasture. The release area was promptly fenced off to exclude livestock. No livestock came in contact with released fluids. The operator used a vac truck to remove all free liquids on 6/11/21. Crews excavated all visually impacted soil and cleaned tank exteriors between 6/14/21 and 6/18/21. Absaroka plans to delineate, map, and sample the release on 6/23/21. Brandon Murette (CPW Liaison, NE Region) was notified of the release on 6/16/21.

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 06/21/2021

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:

The injection pump's check valve, tank high level alarms, facility callout system

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

The injection pump's check valve failed, allowing fluids to bypass the pump and re-enter the produced water storage tanks. The facility's callout system failed and no high level alarm notifications were made to the operator. The produced water tanks overflowed into the oil storage tanks. Once all facility liquid storage was utilized, all tanks overflowed.

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

The operator replaced the check valve and will regularly confirm that the facility callout system and tank high level alarms are functioning.

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): 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, 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:

Absaroka plans to delineate, map, and sample the release on 6/23/21.

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

Signed: \_\_\_\_\_ Print Name: Randolph Moses

Title: Agent Date: 06/21/2021 Email: randolph.moses@absarokasolutions.com

## Condition of Approval

**COA Type****Description**

<b>COA Type</b>	<b>Description</b>
0 COA	

### Attachment List

**Att Doc Num****Name**

402724182	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402724411	SITE MAP
402727655	FORM 19 SUBMITTED

Total Attach: 3 Files

### General Comments

**User Group****Comment****Comment Date**

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

Total: 0 comment(s)