

## State of Colorado

## Energy &amp; Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203

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



Document Number:

403591838

Date Received:

11/10/2023

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

485394**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>PROSPECT ENERGY LLC</u>	Operator No: <u>10312</u>	<b>Phone Numbers</b>
Address: <u>1036 COUNTRY CLUB ESTATES DR</u>		Phone: <u>(970) 567-6871</u>
City: <u>CASTLE ROCK</u>	State: <u>CO</u>	Zip: <u>80108</u>
Contact Person: <u>Cam Gracey</u>		Mobile: <u>( )</u>
		Email: <u>graceyservices@gmail.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# 403578708

Initial Report Date: 10/31/2023 Date of Discovery: 10/31/2023 Spill Type: Recent Spill

**Spill/Release Point Location:**QTRQTR SWNE SEC 30 TWP 8N RNG 68W MERIDIAN 6Latitude: 40.635703 Longitude: -105.042842Municipality (if within municipal boundaries): Fort Collins County: LARIMER

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

**Reference Location:**Facility Type: OFF-LOCATION FLOWLINE☒ Facility/Location ID No 474641Spill/Release Point Name: PW Inj Line btwn MSSU 30-6 & 30-7☐ 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 <1Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >=100Estimated Other E&P Waste Spill Volume(bbl): 0Estimated 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: Sunny, 25 degreesSurface Owner: FEE

Other(Specify): \_\_\_\_\_

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

A City of Fort Collins employee, Andrew Crecca, was inspecting the drainage for an area of new construction and noticed discolored fluid mixed with storm meltwater, in a storm detention pond. Mr. Crecca notified the City of Fort Collins and then notified Prospect Energy at about 9:50 a.m. Prospect isolated and shut-in the valves for the produced water injection line by 10:30 a.m. The path of the spill was noted to be mixed with storm meltwater, and traveled from the release point to under a silt fence, then North 40' to a "rain garden", then east into Number 8 Outlet Ditch, SENW Sec 29. Ditch personnel blocked the ditch to prevent further migration of fluid at about 1 p.m. A hydrovac has been dispatched on 11/1/23 to recover impacted fluids with disposal at Pawnee Disposal. 38,000 bbls have been recovered to dated (11/10/23).

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

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
11/1/2023	CDPHE	On-line	-	2023-0734
10/31/2023	Larimer & Weld Irrigation		970-454-3377	
10/31/2023	ECMC	Mike Leonard	719-343-0130	Said would notify Rick Allison
10/31/2023	ECMC	Tom Peterson	970-370-1281	
10/31/2023	National Responce Center		800-424-8802	Incident Report # 1383137
10/31/2023	City of Fort Collins	Cassie Archuleta	970-407-1203	Notified Larimer County and Poudre Fire Authority

**REPORT CRITERIA**

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

- Yes 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: Impacted Public Water System: n/a
- Residence or Occupied Structure: n/a Livestock: n/a
- Wildlife: n/a Publicly-Maintained Road: n/a
- 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? No
- Enter the Document Number of the Initial Accident Report, Form 22 \_\_\_\_\_
- Was there damage during excavation? No
- 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:
	<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
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.

## SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 11/10/2023		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	200		<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, <b>including walls &amp; floor regardless of construction material</b>, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
<b>A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit</b>			
Impacted Media (Check all that apply) <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input checked="" type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): <u>3000</u>		Width of Impact (feet): <u>5</u>	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____	
How was extent determined?			
Length of impact: 1. Source Area - Area of impact has not yet been determined. 2. Length of impact from the spill area to the underpass at Turnberry Road is approximately 1,500 ft. Length of impact in Number 8 Outlet Ditch starts at Turnberry Road was determined by visual means and extended approximately 1,500 feet. The width of impact on the form is an average, and does not include the source area. Impact has been determined by visual means. Five surface soil, 9 surface water samples have been analyzed. A produced water sample from the injection plant has been analyzed. Results are attached. Samples to date have shown very little impact.			
Soil/Geology Description:			
NRCS shows the area as Longmont Clay, Map Unit Symbol 63, with 0-3% slopes. A site review confirms this.			
Depth to Groundwater (feet BGS) <u>15</u>		Number Water Wells within 1/2 mile radius: <u>4</u>	
If less than 1 mile, distance in feet to nearest	Water Well <u>920</u> None <input type="checkbox"/>	Surface Water <u>40</u> None <input type="checkbox"/>	
	Wetlands <u>200</u> None <input type="checkbox"/>	Springs _____    None <input checked="" type="checkbox"/>	
			<input checked="" type="checkbox"/>

Livestock \_\_\_\_\_ None

Occupied Building 400 None

Additional Spill Details Not Provided Above:

Our water well permit research shows 12 permit entries. Three are monitoring wells (one notice is expired): four applications were either received, permit canceled, information requested, or permit denied; one well was replaced; one well for domestic use (Permit 212346-A); one well for stock (Permit 152-WCB); and two wells for geothermal home heating (5-GX). Please see attached information. The nearest livestock has not been determined.

## 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 remediation plan is being coordinated with Dream Finder Homes and the City of Ft Collins. Analytical reports and tables are attached and will be updated upon receipt of updated documents. A total of 38,000 bbls of ditch water has been pumped (for disposal) to date 111023.

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

Signed: \_\_\_\_\_ Print Name: Mary C Griggs

Title: Consultant Date: 11/10/2023 Email: griggs.mary@comcast.net

### COA Type

### Description

	Pursuant to Inspection Document 693701091, a Form 27 with a plan for investigation of subsurface and potential groundwater impacts at the rain garden is due November 30, 2023.
1 COA	

## Attachment List

Att Doc Num	Name
403591838	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403592023	ANALYTICAL RESULTS
403592025	ANALYTICAL RESULTS
403592031	GROUND WATER SAMPLE LOCATION MAP
403592035	SOIL SAMPLE LOCATION MAP
403592063	ANALYTICAL RESULTS
403592095	OTHER
403592169	OTHER
403592170	OTHER
403592172	OTHER
403593144	FORM 19 SUBMITTED

Total Attach: 11 Files

## General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)