

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:

403219184

Date Received:

11/04/2022

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

483137

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: PROSPECT ENERGY LLC	Operator No: 10312	Phone Numbers Phone: (970) 567-6871 Mobile: () Email: graceyservices@msn.com
Address: 1036 COUNTRY CLUB ESTATES DR		
City: CASTLE ROCK	State: CO Zip: 80108	
Contact Person: Cameron Gracey		

☐ 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# 403207695

Initial Report Date: 10/25/2022 Date of Discovery: 10/25/2022 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SENW SEC 19 TWP 8N RNG 68W MERIDIAN 6

Latitude: 40.648780 Longitude: -105.048590

Municipality (if within municipal boundaries): 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: FLOWLINE SYSTEM

☒ Facility/Location ID No 482177

Spill/Release Point Name: MSSU 19-5 inj well flowline

☐ 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): >=5 and <100

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

Estimated Drilling Fluid Spill Volume(bbl): Unknown

Specify:

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

Land Use:

Current Land Use: OTHER

Other(Specify): Radio tower

Weather Condition: Sunny, 50 deg. Windy 20-30 mph

Surface Owner: FEE

Other(Specify): Vertical Bridge

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

The field superintendent was investigating a hydrocarbon odor near the Krause Tank Battery. Produced water from a flowline between the MSSU 19-5 (API 05-069-06301-00) and the Krause water injection plant was discovered in the open, vacant field used for radio/satellite towers. The release was stopped by closing the valve at the well and at the water plant at the Krause Battery. NG Companies has removed impacted soil and produced water from the spill location. The soil and produced water has been disposed of at Pawnee Waste in Grover, CO.

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

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
10/25/2022			-	
10/25/2022	Larimer County	Matt Lafferty	970-498-7721	MG left voicemail message

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: n/a 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? _____
- 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.): 250
- 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.
	<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: 11/04/2022		
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FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER		46	<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? 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): 320 Width of Impact (feet): 70

Depth of Impact (feet BGS): 6 Depth of Impact (inches BGS): _____

How was extent determined?

Visual, followed by excavation of wet soil.

Soil/Geology Description:

Silty clay; Clayey silt; fine sand.

Depth to Groundwater (feet BGS) <u>17</u>	Number Water Wells within 1/2 mile radius: <u>11</u>
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If less than 1 mile, distance in feet to nearest	Water Well <u>1236</u> None <input type="checkbox"/>	Surface Water <u>967</u> None <input type="checkbox"/>
	Wetlands _____ None <input checked="" type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>
	Livestock <u>15</u> None <input type="checkbox"/>	Occupied Building <u>1002</u> None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

Surface impact was approximately 9,500 sq ft. Impacted area tapered at both ends.

There were two areas of impact:

1. Excavated pipe area of approximately 25' x 8' x 6'. 2. Ground area where fluid daylighted. Ground area was approximately 9,300 sq ft. Of the 11 permitted water wells, 8 were permitted as monitoring wells. The closest non-monitoring well was 1236 feet to the SSW (Permit 15027-R). See attached water well map and table.

The closest surface water is an intermittent ditch located 967 feet to the east.

A fence line is approximately 15 feet to the south of the flow line. Cattle reside in the field south of the fence line.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 11/04/2022

Root Cause of Spill/Release Pipe, Weld, or Joint Failure

Other (specify)

Type of Equipment at Point of Spill/Release: Other

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

Produced water flowline.

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

The Operator discovered produced water daylighting at the surface. Excavation of the produced water flowline revealed a small hole in the Sch 80 - 2" diameter flowline. A 10 foot section of the flowline was replaced.

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

Operator pressure tested over and above normal injection pressures to insure pipe is good.

Volume of Soil Excavated (cubic yards): 661

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:

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: 11/04/2022 Email: griggs.mary@comcast.net

COA Type	Description
0 COA	

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403220013	PHOTO DOCUMENTATION
403220014	PHOTO DOCUMENTATION
403220015	PHOTO DOCUMENTATION
403220016	SOIL SAMPLE LOCATION MAP
403220017	DISPOSAL MANIFEST
403220019	DISPOSAL MANIFEST
403220021	DISPOSAL MANIFEST
403220022	DISPOSAL MANIFEST
403220023	DISPOSAL MANIFEST
403220060	OTHER
403220061	TOPOGRAPHIC MAP

Total Attach: 11 Files

General Comments

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

Total: 0 comment(s)