

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:

403312121

Date Received:

03/21/2023

Spill report taken by:

NEIDEL, KRIS

Spill/Release Point ID:

483729

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>D90 ENERGY LLC</u>	Operator No: <u>10706</u>	Phone Numbers
Address: <u>952 ECHO LANE SUITE 480</u>		Phone: <u>(970) 896-5665</u>
City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77024</u>		Mobile: <u>()</u>
Contact Person: <u>Rikki Ross</u>		Email: <u>rikki.ross@fulcrumeo.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# 403301609

Initial Report Date: 01/25/2023 Date of Discovery: 01/24/2023 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR NENW SEC 32 TWP 8N RNG 80W MERIDIAN 6

Latitude: 40.627697 Longitude: -106.397825

Municipality (if within municipal boundaries): _____ County: JACKSON

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

Reference Location:

Facility Type: WELL SITE Facility/Location ID No 436007

Spill/Release Point Name: Valve to storage tank 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): >=100

Estimated Other E&P Waste Spill Volume(bbl): 0 Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: 150 bbl

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: 18 degrees, Overcast

Surface Owner: FEE Other(Specify): _____

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

At approximately 1:30 PM, pumper found the line broken at the inlet to the water tank. The valve at the inlet of the water tank failed due to freeze. It's estimated that all 120 bbls produced water plus yesterday's production of 30 bbls produced water spilled within the tank's lined containment area. A truck was called to capture as much spilled water as possible, although the water is mostly frozen. Spill has been contained and valve has been replaced.

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.

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 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.

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: <u>01/25/2023</u>		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	_____	<u>0</u>	<input type="checkbox"/>
CONDENSATE	_____	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>150</u>	<u>150</u>	<input type="checkbox"/>
DRILLING FLUID	_____	<u>0</u>	<input type="checkbox"/>
FLOW BACK FLUID	_____	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	_____	<u>0</u>	<input type="checkbox"/>
specify: _____			
Was spill/release completely contained within berms or secondary containment? <u>YES</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
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) <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: _____		Length of Impact (feet): <u>40</u>	
		Width of Impact (feet): <u>70</u>	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____	
How was extent determined?			
Spill was entirely within secondary containment so horizontal extent was the dimensions of the berm. The vertical extent is to be determined.			
Soil/Geology Description:			
Randman sandy loam - Ecological Site Description R048BY268CO — Dry Flood Plain Step			
Depth to Groundwater (feet BGS) <u>20</u>		Number Water Wells within 1/2 mile radius: <u>0</u>	
If less than 1 mile, distance in feet to nearest		Water Well <u>3100</u> None <input type="checkbox"/>	Surface Water <u>750</u> None <input type="checkbox"/>
		Wetlands <u>750</u> None <input type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>
		Livestock <u>750</u> None <input type="checkbox"/>	Occupied Building <u>3530</u> None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			
Produced water was freezing due to seasonal temperatures during removal which extended that amount of time required for cleanup.			

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 02/03/2023

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:

Valve at storage tank

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

Produced water low-flow line near storage tank ruptured due to lack of heat tracing.

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

Low-flow line was permanently removed from service.

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):

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. [X] Work proceeding under an approved Form 27 (Rule 912.c). Form 27 Remediation Project No: 28018 [] SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

OPERATOR COMMENTS:

All spilled produced water has been removed from lined containment. All wastes generated were hauled to Twin Enviro in Milner for disposal. COAs requested from Form 19 Initial Report (403301609) are address within this report. Work is proceeding under a Form 27 Investigation Plan to assess the vertical extent of potential impacts.

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: 03/21/2023 Email: joel.mason@absarokasolutions.com

Table with 2 columns: COA Type, Description. Row 1: 0 COA

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403312121	FORM 19 SUBMITTED
403312237	PHOTO DOCUMENTATION
403312239	PHOTO DOCUMENTATION
403312240	AERIAL IMAGE

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	This spill is being closed with work proceeding under REM #28018.	03/22/2023

Total: 1 comment(s)