

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:

403145675

Date Received:

10/14/2022

Spill report taken by:

NEIDEL, KRIS

Spill/Release Point ID:

482603

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: D90 ENERGY LLC	Operator No: 10706	Phone Numbers
Address: 952 ECHO LANE SUITE 480		Phone: (720) 297-8186
City: HOUSTON State: TX Zip: 77024		Mobile: (720) 297-8186
Contact Person: Jeff Swanson		Email: Jeff@d90energy.com

☐ 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# 403114243

Initial Report Date: 07/23/2022 Date of Discovery: 07/23/2022 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SWSE SEC 29 TWP 8N RNG 80W MERIDIAN 6

Latitude: 40.629880 Longitude: -106.395448

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 458790

Spill/Release Point Name: Oxbow 0880 S29

☐ 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): 0

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):

Weather Condition: Clear

Surface Owner: FEDERAL

Other(Specify):

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

On the 23rd of July, 2022 D90 Energy had a release of oil on the oxbow pad. When the lease operator arrived on site in the morning, he found a gauge on the jet pump outlet had failed and oil was flowing through the valve and out onto the pad. It is estimated the leak occurred for 8 hours until the lease operator arrived on scene to shut everything in. It is estimated that 8 bbls of oil was released onto the pad.

For cleanup D90 Energy contracted a 3rd party for clean-up. We have a vac truck suck up pooled oil and then places drying agent on the affected area. Once drying agent was applied, they used a front-end bucket loader to scrape up the affected area. We dumped affected surface material in dump truck and had it hauled off to Twin Enviro (Milner) landfill for disposal.

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.
No	Rule 912.b.(1).J: A Release that results in natural gas in Groundwater.

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 10/10/2022		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	8		<input checked="" type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	0	0	<input 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, 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>180</u>		Width of Impact (feet): <u>25</u>	
Depth of Impact (feet BGS): <u>7</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
Spill path was observed and measured on the pad surface where the release occurred. The vertical extent of impacts were determined via excavation of impacted soil, soil staining observations, field screening and confirmation sampling.			
Soil/Geology Description:			
Fluetsh Tiagos Association & Randman Sandy Loam.			
Depth to Groundwater (feet BGS) <u>20</u>		Number Water Wells within 1/2 mile radius: <u>1</u>	
If less than 1 mile, distance in feet to nearest		Water Well <u>2511</u> None <input type="checkbox"/>	Surface Water <u>1430</u> None <input type="checkbox"/>
		Wetlands <u>270</u> None <input type="checkbox"/>	Springs <u>270</u> None <input type="checkbox"/>
		Livestock <u>950</u> None <input type="checkbox"/>	Occupied Building <u>2650</u> None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 10/08/2022

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:

Jet pump outlet gauge

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

It was determined that a gauge installed on the pressure line to a triplex unit failed under typical operating pressure causing the gauge lens to separate from the case and release oil. The root cause was a manufacture defect of the gauge.

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

A preventative measure was instituted on all similarly designed systems field-wide to only pressurize gauges when personnel are onsite monitoring and otherwise keeping control valves to pressure gauges closed.

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:

All confirmation soil sample analyses were below table 915-1 acceptable concentrations for organic compounds. Most soil samples were above Table 915-1 acceptable concentrations for arsenic, including 2 background samples. D90 is requesting relief from elevated arsenic concentrations as background arsenic concentrations have been documented to occur naturally in the North Park Basin and a report is provided for reference (Attachment F). D90 respectfully requests final closure of spill/release #482603.

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: Senior Project Manager Date: 10/14/2022 Email: joel.mason@absarokasolutions.com

COA Type**Description**

	Based on review of information presented it appears that no further action is necessary at this time, and COGCC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if groundwater is found to be impacted, then further investigation and/or remediation activities may be required at the site.
1 COA	

Attachment List**Att Doc Num****Name**

403145675	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403197465	SITE MAP
403197466	SOIL SAMPLE LOCATION MAP
403197468	OTHER
403197469	ANALYTICAL RESULTS
403197470	ANALYTICAL RESULTS
403197471	DISPOSAL MANIFEST
403197472	OTHER
403197559	FORM 19 SUBMITTED

Total Attach: 9 Files

General Comments**User Group****Comment****Comment Date**

		Stamp Upon Approval
--	--	---------------------

Total: 0 comment(s)