

State of Colorado

Energy & Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203

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



Document Number:

403601177

Date Received:

11/20/2023

Spill report taken by:

Waggoner, Kyle

Spill/Release Point ID:

484957

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: MDS ENERGY DEVELOPMENT LLC	Operator No: 10814	Phone Numbers
Address: 409 BUTLER RD SUITE A		Phone: (303) 257-0107
City: KITTANNING State: PA Zip: 16201		Mobile: ()
Contact Person: Kelsi Welch		Email: kelsi.welch@iptwell.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# 403490670

Initial Report Date: 08/08/2023 Date of Discovery: 08/08/2023 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SWSE SEC 10 TWP 7N RNG 59W MERIDIAN 6

Latitude: 40.583506 Longitude: -103.963112

Municipality (if within municipal boundaries): County: WELD

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

Reference Location:

Facility Type: OIL AND GAS LOCATION

☒ Facility/Location ID No 471039

Spill/Release Point Name: Castor 7-59 10 Pad

☐ 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): 0

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

Estimated Drilling Fluid Spill Volume(bbl): >=5 and <100

Specify:

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

Land Use:

Current Land Use: CROP LAND

Other(Specify):

Weather Condition: Clear

Surface Owner: FEE

Other(Specify):

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

While drilling on the Castor 7-59 10 Pad, 10 bbls of OBM were spilled within the secondary containment. The cellar overflowed due to improper flow line alignment while running casing. The job was stopped at the time the spill was discovered. It is estimated that 8 bbls of the spilled OBM have been recovered. The remaining 2 bbls will be recovered when the drilling rig moves off of location. Please see full incident report attached to the initial Form 19 - doc #403490670.

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

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
8/8/2023	Surface Owner	Castor Lands	-	None
8/8/2023	CPW	Brandon Marette	-	Asked for an email with details
8/8/2023	Weld County	Jason Maxey	-	None

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: n/a Public Water System: n/a
- Residence or Occupied Structure: n/a Livestock: n/a
- Wildlife: Threatened to Impact Publicly-Maintained Road: n/a
- 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.
	<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: 08/16/2023		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	0	0	<input type="checkbox"/>
DRILLING FLUID	10	10	<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>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 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): _____		Width of Impact (feet): _____	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____	
How was extent determined?			
The Rule 912.b.(1).A criteria has been marked "Yes" under the Reporting Criteria section due to this location being within High Priority Habitats - Pronghorn Winter Concentration and Mule Deer Severe Winter Range. While this spill threatened to impact wildlife sole based on the location being within an HPH, extensive visual inspection determined that the spill of OBM was contained entirely within the secondary containment liner. During cleanup and removal of the impacted secondary containment, it was confirmed that the liner was not compromised and the liner integrity was verified; therefore no wildlife, soil, groundwater, surface water or dry drainage feature was impacted. The spill was reported to the CPW and no further action is required.			
Soil/Geology Description:			
The integrity of the secondary containment liner was verified. There was no impact to soil.			
Depth to Groundwater (feet BGS) <u>84</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>2503</u>	None <input type="checkbox"/>	Surface Water <u>3147</u> None <input type="checkbox"/>
	Wetlands <u>3147</u>	None <input type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>
	Livestock _____	None <input checked="" type="checkbox"/>	Occupied Building <u>4079</u> None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			

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:

Please find photo documentation of the OMB spill pre-cleanup, photo documentation of the site post-cleanup, the arial photograph/ map of the spill location and 3rd party tickets/ manifests associated with the cleanup and disposal of the secondary containment liner.

The spill was entirely contained within the secondary containment liner, so no soil or groundwater remediation was necessary. The spill has been fully cleaned up and complies with Table 915-1.

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

Signed: _____ Print Name: Kelsi Welch

Title: Permitting & Compliance Date: 11/20/2023 Email: kelsi.welch@iptwell.com

COA Type

Description

0 COA	

Attachment List

Att Doc Num

Name

403601177	FORM 19 SUBMITTED
403601369	PHOTO DOCUMENTATION
403601370	PHOTO DOCUMENTATION
403601372	DISPOSAL MANIFEST
403601415	AERIAL IMAGE

Total Attach: 5 Files

General Comments

User Group

Comment

Comment Date

Environmental	Based on the information presented, it appears that no further action is necessary at this time and the ECMC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding ECMC standards or if groundwater is found to be impacted, then further investigation and/or remediation activities may be required. In addition, the surface area disturbed by the remediation activity shall be reclaimed in accordance with the 1000 Series Reclamation Rules.	11/21/2023
Environmental	"During cleanup and removal of the impacted secondary containment, it was confirmed that the liner was not compromised and the liner integrity was verified; therefore no wildlife, soil, groundwater, surface water or dry drainage feature was impacted."	11/21/2023

Total: 2 comment(s)