

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:

402803500

Date Received:

09/07/2021

Spill report taken by:

Spill/Release Point ID:

SPILL/RELEASE REPORT (INITIAL /w 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: GREAT WESTERN OPERATING COMPANY LLC | Operator No: 10110 | Phone Numbers |
| Address: 1001 17TH STREET #2000 | | Phone: (720) 595-2132 |
| City: DENVER | State: CO | Zip: 80202 |
| Contact Person: Jason Davidson | | Mobile: () |
| | | Email: jdavidson@gwp.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# 402803500

Initial Report Date: 09/07/2021 Date of Discovery: 09/06/2021 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR NENE SEC 30 TWP 6N RNG 67W MERIDIAN 6

Latitude: 40.462777 Longitude: -104.926999

Municipality (if within municipal boundaries): Windsor 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: TANK BATTERY

☒ Facility/Location ID No 427917

Spill/Release Point Name: Raindance Drilling FD 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): >=1 and <5

Specify: 3.6 bbls of drilling mud

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, 95 degrees F

Surface Owner: FEE

Other(Specify): Cody Woolbridge/Water Valley

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

During drilling of the Raindance FC 23-249HN a mud line came disconnected from the hammer union on the mud tank resulting in a release of 3.6 bbls of drilling mud to surface soil on September 6, 2021, at approximately 3:00 pm. The release was immediately stopped and completely contained on-site. Neither surface, nor groundwater were impacted, no injuries occurred as a result of the release, and cleanup is complete.

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

OTHER NOTIFICATIONS

| <u>Date</u> | <u>Agency/Party</u> | <u>Contact</u> | <u>Phone</u> | <u>Response</u> |
|-------------|------------------------|-----------------|--------------|------------------------------------|
| 9/10/2021 | Weld County | Jason Maxey | -- | Email: jmaxey@weldgov.com |
| 9/7/2021 | Weld County | Jay McDonald | -- | Email: jmcdonald@weldgov.com |
| 9/7/2021 | Windsor Severence Fire | Morgan Matthew | -- | Email: mmatthew@wsfr.us |
| 9/7/2021 | Landowner/Water Valley | Cody Woolbridge | -- | GWOC Phone conversation at 8:36 am |
| 9/7/2021 | COGCC | Rick Allison | -- | Email: rick.allison@state.co.us |

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: _____
- 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.
- No 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: |
| | <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 |
| 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 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: 09/07/2021 | | |
| 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 | 3 | 3 | <input type="checkbox"/> |
| FLOW BACK FLUID | 0 | 0 | <input type="checkbox"/> |
| OTHER E&P WASTE | 0 | 0 | <input type="checkbox"/> |
| specify: 3.6 bbls of drilling mud | | | |
| 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>30</u> | | Width of Impact (feet): <u>3</u> | |
| Depth of Impact (feet BGS): _____ | | Depth of Impact (inches BGS): <u>6</u> | |
| How was extent determined? | | | |
| Visually during cleanup | | | |
| Soil/Geology Description: | | | |
| Roadbase | | | |
| Depth to Groundwater (feet BGS) <u>7</u> | | Number Water Wells within 1/2 mile radius: <u>6</u> | |
| If less than 1 mile, distance in feet to nearest | Water Well <u>720</u> | None <input type="checkbox"/> | Surface Water <u>350</u> None <input type="checkbox"/> |
| | Wetlands <u>350</u> | None <input type="checkbox"/> | Springs _____ None <input checked="" type="checkbox"/> |
| | Livestock _____ | None <input checked="" type="checkbox"/> | Occupied Building <u>980</u> None <input type="checkbox"/> |
| Additional Spill Details Not Provided Above: | | | |

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 09/07/2021

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:

Mud line/Mud tank hammer union

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

During drilling of the Raindance FC 23-249HN a mud line came disconnected from the hammer union on the mud tank due to vibration.

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

Mud line brackets were repaired and extra support was added to the mud line.

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:

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

Signed: Print Name: Jason Davidson

Title: Senior EHS Specialist Date: 09/07/2021 Email: jdavidson@gwp.com

COA Type

Description

Attachment List

Att Doc Num

Name

402803825

TOPOGRAPHIC MAP

Total Attach: 1 Files

General Comments

User Group

Comment

Comment Date

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

Total: 0 comment(s)