

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401932335

Date Received:

02/08/2019

Spill report taken by:

Arauzo, Steven

Spill/Release Point ID:

461615

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 906.b. for reporting requirements of spills or releases of E&P Waste or produced fluids. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

OPERATOR INFORMATION

Name of Operator: <u>MUSTANG RESOURCES LLC</u>	Operator No: <u>10550</u>	Phone Numbers
Address: <u>1660 LINCOLN STREET SUITE 1450</u>		Phone: <u>(720) 5507507</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80264</u>		Mobile: <u>(303) 8075112</u>
Contact Person: <u>Deb Lemon</u>		Email: <u>dlemon@mustangresourcesllc.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401924926

Initial Report Date: 01/31/2019 Date of Discovery: 01/31/2019 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NENE SEC 13 TWP 6S RNG 94W MERIDIAN 6

Latitude: 39.530875 Longitude: -107.829154

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

Reference Location:

Facility Type: PIPELINE Facility/Location ID No _____
 Spill/Release Point Name: sales meter line No Existing Facility or Location ID No.
 Number: _____ Well API No. (Only if the reference facility is well) 05- -

Fluid(s) Spilled/Released (please answer Yes/No):

Was one (1) barrel or more spilled outside of berms or secondary containment? No
Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.

Were Five (5) barrels or more spilled? No

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): <u>Unknown</u>	Estimated Condensate Spill Volume(bbl): <u>Unknown</u>
Estimated Flow Back Fluid Spill Volume(bbl): <u>Unknown</u>	Estimated Produced Water Spill Volume(bbl): <u>Unknown</u>
Estimated Other E&P Waste Spill Volume(bbl): <u>0</u>	Estimated Drilling Fluid Spill Volume(bbl): <u>0</u>

Specify: _____

Land Use:

Current Land Use: NON-CROP LAND Other(Specify): _____
 Weather Condition: 22 degrees F / Sunny
 Surface Owner: FEE Other(Specify): Williams

Check if impacted or threatened by spill/Release (please answer Yes/No to all that apply):

Waters of the State Residence/Occupied Structure Livestock Public Byway Surface Water Supply Area
 As defined in COGCC 100-Series Rules

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

On Saturday, January 26th, 2019 at 8:15am Mustang received a call regarding a potential leak in a gas line. The call was initiated by Williams to Mustang's 800 emergency service, who in turn immediately reached a Mustang representative. Mustang field personnel arrived at the location at approximately 10:30am and conducted a pressure test. The line was immediately blown down and the field shut-in. It was determined that a potential leak is located in an isolated location upstream of a sales meter. Mustang contacted COGCC and met Steven Arauza and Richard Murray with COGCC at the location on 1/31/2019. Mustang has contacted the appropriate contractors to initiate a subsurface investigation and anticipates that this work will begin within 48 hours pending access due to frozen ground. This is a gas line and there is no confirmed impact to soils.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
1/31/2019	Garfield County	Kirby Wynn	970-945-1377	Mr. Wynn was notified via email that a Form 19 Spill Report was submitted. Mustang provided the COGCC Document number.
2/1/2019	Clough Sheep Co	Dan Snyder	970-618-7749	Surface Owner - SGM contacted Mr. Snyder via phone. Owner would like updates.
1/31/2019	Williams	Annette Garrigues	970-618-3329	Williams EH&S Specialist on site.
1/31/2019	Williams	Gregory Anoaia	970-263-2744	Williams EH&S Specialist on site.

Was there a Grade 1 Gas Leak associated with this E & P waste spill or release? Yes No

If YES, enter the Document Number of the Initial Grade 1 Gas Leak Report Form 44: _____

Was there a reportable accident associated with this E & P waste spill or release? Yes No

If YES, enter the Document Number of the Initial Accident Report, Form 22: _____

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 02/08/2019

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>0</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>1</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>0</u>	<u>0</u>	<input type="checkbox"/>
DRILLING FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
FLOW BACK FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	<u>0</u>	<u>0</u>	<input type="checkbox"/>

specify: Estimated 1 to 5 bbls of dry natural gas condensate, max amount isolated pipe held was 5.6 bbls

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): 20 Width of Impact (feet): 15

Depth of Impact (feet BGS): 7 Depth of Impact (inches BGS): _____

How was extent determined?

In the field extent determination was assessed by peak/real PID readings of Isobutylene in ppm (Attachment: Daily_PID_Reports) at soil surfaces as the pipeline was excavated to the location of the leak. Readings below 50 ppm were used to determine the outer extents of impact. Soil Samples were taken around the site (Attachment: Figure 3.pdf) to further determine the extent. Soil Sample Sites 1 – 3 were collected on 1/31/19 and 2/1/19. Sample Site 1 was located near the leak, Sample Site 2 was taken downgradient from the leak, and Sample Site 3 was a background sample taken upgradient and off site of the leak. Preliminary laboratory results are included for Sample Sites 1-3, but EC, Metals, and SAR results have not yet been received from the lab. Sample Site 4 was collected on 2/2/2019 in the drainage south west of the site. Results from Soil Sample Site 4 are included, but EC and SAR values have not yet been received. Results from Soil Sample Sites 5 – 7 have not been received.

Soil/Geology Description:

NRCS Soils classification: Arvada loam, 1 to 6 percent slopes, silty clay. The site location has hard, dry, silty clay soils both native and as fill around pipelines.

Depth to Groundwater (feet BGS) 12 Number Water Wells within 1/2 mile radius: 0
If less than 1 mile, distance in feet to nearest Water Well 2764 None Surface Water 522 None
Wetlands 1646 None Springs _____ None
Livestock _____ None Occupied Building 1435 None

Additional Spill Details Not Provided Above:

All excavated soil with high PID readings were removed and hauled to Greenleaf Environmental for disposal. The leaking condensate line was capped above the leak location and fully taken out of service. Additional abandoned/unclaimed 2" and 8" pipelines (legacy from when the site used to be a compressor stations) were also capped/removed.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 02/08/2019

Cause of Spill (Check all that apply) Human Error Equipment Failure Historical-Unknown
 Other (specify) _____

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

Leaking condensate line was discovered by Williams staff conducting leak survey on the site. Mustang field personnel arrived at the location at approximately 10:30am and conducted a pressure test. The line was immediately blown down and the field shut-in. Once excavated, the pipe displayed minor exterior corrosion likely from an imperfection during installation (outer coating damaged). Additional potential contamination was discovered on site once excavation efforts began, evident by discolored and dark stained soils. As the PID did not detect any readings from this soil, it is not considered a result of the sales meter line leak. Soil Sample Site 2 was taken to represent this stained soil potential historical/unknown contamination.

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

The leaking condensate line was capped above the leak location and taken permanently out of service. Additional abandoned/unclaimed 2" and 8" pipelines (legacy from when the site used to be a compressor stations) were also capped/removed.

Volume of Soil Excavated (cubic yards): 185

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)

Work proceeding under an approved Form 27

Form 27 Remediation Project No: _____

OPERATOR COMMENTS:

For areas impacted by the spill reported on 1/31/19 (not including additional historical spill findings), Mustang Resources will work with Williams and Summit Mid-Stream to continue excavation and soil disposal efforts if soil sample results (from Sites 1-7) indicate values exceeding levels in Table 910-1.

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

Signed: _____ Print Name: Eric Petterson
 Title: Environmental Team Lead Date: 02/08/2019 Email: ericp@sgm-inc.com

<u>COA Type</u>	<u>Description</u>
	Submit a Supplemental eForm 19 that includes the following information and attachments: 1) Complete laboratory reports for all soil samples. 2) An analytical result summary table comparing analytical results to COGCC Table 910 -1 standards for all soil samples. 3) A summary of correspondence between Mustang and the surface facility operator regarding suspected historical impacts. 4) Clarification of soil sample #1 depth with respect to pipeline/leak depth (Was sample collected above or below pipeline? What were soil conditions immediately underlying point of release?)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401932335	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401932663	TOPOGRAPHIC MAP
401932668	OTHER
401932747	ANALYTICAL RESULTS
401932750	ANALYTICAL RESULTS
401932763	OTHER
401932798	SITE MAP
401932801	OTHER
401939886	FORM 19 SUBMITTED

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	Operator has attached preliminary laboratory data for Samples 1-4 (docs #401932747 and #401932750). Preliminary reports lack EC, metals, and SAR data, as indicated by operator.	02/14/2019
Environmental	Spill Report indicates that work is proceeding under an approved Form 27. Operator has not submitted a Form 27 for approval. Removed operator's request for closure referencing an approved Form 27. The decision of whether or not to proceed under a Form 27 will be made based on analytical results for soil samples.	02/14/2019
Environmental	Operator reports that nearest surface water is located 4,152' away from Spill/Release location (referring to the distance to the Colorado River). Spill is located ~522' east of a mapped, unnamed ephemeral drainage (surface water feature) that is drains into to Rifle Creek (located ~1,125' southeast of spill) and toward the Colorado River. Distance to nearest surface water has been updated to capture distance to unnamed drainage.	02/14/2019

Total: 3 comment(s)