

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:

401408136

Date Received:

09/22/2017

Spill report taken by:

Spill/Release Point ID:

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>WARD PETROLEUM CORPORATION</u>	Operator No: <u>10359</u>	Phone Numbers Phone: <u>(970) 4494634</u> Mobile: <u>(970) 3895487</u> Email: <u>marshall@wardpetroleum.com</u>
Address: <u>215 WEST OAK STREET #1000</u>		
City: <u>FORT COLLINS</u>	State: <u>CO</u> Zip: <u>80521</u>	
Contact Person: <u>Marshall Hall</u>		

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401398935

Initial Report Date: 09/08/2017 Date of Discovery: 09/08/2017 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWNW SEC 26 TWP 1N RNG 66W MERIDIAN 6

Latitude: 40.027606 Longitude: -104.750392

Municipality (if within municipal boundaries): NA County: WELD

Reference Location:

Facility Type: WELL PAD Facility/Location ID No 450193
 No Existing Facility or Location ID No.
 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? Yes

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): >=1 and <5 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: _____

Land Use:

Current Land Use: NON-CROP LAND Other(Specify): _____

Weather Condition: Overcast, winds 5-10 mph 68 deg

Surface Owner: FEE Other(Specify): _____

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):

Spill occurred at approximately 3am MST. During flowback activities on wellpad oil tank ran over with crude and spilled into containment on the ground. Some of the product also spilled onto pad site and pooled up next to containment, on location. Once overflow began, flow was diverted to another tank and spill stopped. Estimated bbls spilled was 8-9 based off of reports and transfer volumes. Vac truck recovered ~7bbls out of containment leaving approximately 1-2 bbls on ground. Clean up was started immediately.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
9/8/2017	COGCC	Chris Canfield	720-3477484	Left voicemail
9/8/2017	Weld County	Troy Swain	-	Sent email; no response yet

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 09/20/2017

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	9	7	<input 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? 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): 65 Width of Impact (feet): 40

Depth of Impact (feet BGS): 1 Depth of Impact (inches BGS): 1

How was extent determined?

Extent was determined by taking PID readings around visual area of spill extent. Excavation occurred to approximately 1' to determine depth of contamination, additional PID readings were taken and used to determine where soil samples should be taken. The soil samples were turned into lab and are attached. A site map of the spill, drawn in the field, is also attached.

Soil/Geology Description:

Spill occurred on drilling pad. Contaminated soil was aggregate fill and rock brought in to stabilize pad, no native dirt encountered.

Depth to Groundwater (feet BGS) 274 Number Water Wells within 1/2 mile radius: 19

If less than 1 mile, distance in feet to nearest

Water Well	<u>677</u>	None <input type="checkbox"/>	Surface Water	<u> </u>	None <input checked="" type="checkbox"/>
Wetlands	<u> </u>	None <input checked="" type="checkbox"/>	Springs	<u> </u>	None <input checked="" type="checkbox"/>
Livestock	<u> </u>	None <input checked="" type="checkbox"/>	Occupied Building	<u>680</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1	Supplemental Report Date: <u>09/20/2017</u>
Cause of Spill (Check all that apply) <input checked="" type="checkbox"/> Human Error <input type="checkbox"/> Equipment Failure <input type="checkbox"/> Historical-Unknown	
<input type="checkbox"/> Other (specify) _____	
Describe Incident & Root Cause (include specific equipment and point of failure)	
While transferring oil from a temporary storage frac tank to an upright storage tank for an oil sale the flowback operator was not watching the pump and tank level enough and the oil spilled out of the top of the tank onto temporary containment. The temporary containment had a few holes in it and oil began to spread underneath containment. Once the error was noted the pump was shut off and the problem fixed. Root cause, lack of awareness.	
Describe measures taken to prevent the problem(s) from reoccurring:	
While two operators were onsite to assist with flowback operations, the second operator was not aware or watching the transfer. In addition to having multiple hands involved a quick calculation should be made to ensure the pump does not over run the oil tanks.	
Volume of Soil Excavated (cubic yards): <u>100</u>	
Disposition of Excavated Soil (attach documentation) <input checked="" type="checkbox"/> Offsite Disposal <input type="checkbox"/> Onsite Treatment	
<input type="checkbox"/> Other (specify) _____	
Volume of Impacted Ground Water Removed (bbls): <u>0</u>	
Volume of Impacted Surface Water Removed (bbls): <u>0</u>	

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:

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

Signed: _____ Print Name: Marshall Hall

Title: Petroleum Engineer Date: 09/22/2017 Email: marshall@wardpetroleumfc.com

<u>COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401408161	ANALYTICAL RESULTS
401411120	SITE MAP

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)