

State of Colorado Oil and Gas Conservation Commission

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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
Address: <u>215 WEST OAK STREET #1000</u>		Phone: <u>(970) 4494634</u>
City: <u>FORT COLLINS</u>	State: <u>CO</u>	Zip: <u>80521</u>
Contact Person: <u>Marshall Hall</u>		Mobile: <u>(970) 3895487</u>
		Email: <u>marshall@wardpetrole umfc.com</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 6Latitude: 40.027606 Longitude: -104.750392Municipality (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 <5Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): 0Estimated Other E&P Waste Spill Volume(bbl): 0Estimated 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 degSurface 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	None <input checked="" type="checkbox"/>
Wetlands		None <input checked="" type="checkbox"/>	Springs	None <input checked="" type="checkbox"/>
Livestock		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: 09/20/2017
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)	
<div>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.</div>	
Describe measures taken to prevent the problem(s) from reoccurring:	
<div>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.</div>	
Volume of Soil Excavated (cubic yards): 100	
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): 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:

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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

COA Type	Description

Attachment Check List

Att Doc Num	Name
401408161	ANALYTICAL RESULTS
401411120	SITE MAP

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)