

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

401441902

Date Received:

10/28/2017

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

452464

## 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>BLUE CHIP OIL INC</u>	Operator No: <u>8840</u>	<b>Phone Numbers</b>
Address: <u>155 E BOARDWALK DR STE 400</u>		Phone: <u>(970) 493-6456</u>
City: <u>FORT COLLINS</u>	State: <u>CO</u>	Zip: <u>80525</u>
Contact Person: <u>Tim Hager</u>		Mobile: <u>( )</u>
		Email: <u>bluechipoil@msn.com</u>

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401419071

Initial Report Date: 10/03/2017 Date of Discovery: 09/15/2017 Spill Type: Historical Release

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR NENE SEC 30 TWP 6N RNG 66W MERIDIAN 6Latitude: 40.464364 Longitude: -104.813709Municipality (if within municipal boundaries): \_\_\_\_\_ County: WELD

#### Reference Location:

Facility Type: PARTIALLY-BURIED VESSEL ☒ Facility/Location ID No 323515☐ 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? Yes

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

Estimated Oil Spill Volume(bbl): 0Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): UnknownEstimated 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: Various- Historical ReleaseSurface Owner: FEE Other(Specify): Gerry Firestien

#### 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):

Suspected soil contamination upon removal of produced water storage tank. Site has been shut in since 5/22/2017. On 9/14/2017, CGRS screened soil using a PID. The most impacted soil was found on the surface or within 6" of the surface of the excavation, directly between the edge of the produced water tank and the oil tanks. The impacts decreased slightly at 1' bgs, but drastically by 2' bgs. Trace hydrocarbon concentrations were still found at 4' bgs. One soil sample was retained for laboratory analysis. Impacted soil will be removed and properly disposed of.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
9/8/2017	CGRS, Inc	Craig Mulica	970-493-7780	Scheduled soil sampling on 9/14/2017
9/27/2017	COGCC	Jason Gomez	970-573-1277	CGRS emailed
9/29/2017	COGCC	Rick Allison	970-461-2970	took phone call from CGRS, CGRS emailed

**SPILL/RELEASE DETAIL REPORTS**

#1	Supplemental Report Date: 10/28/2017		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL			<input checked="" type="checkbox"/>
CONDENSATE		0	<input type="checkbox"/>
PRODUCED WATER			<input checked="" type="checkbox"/>
DRILLING FLUID		0	<input type="checkbox"/>
FLOW BACK FLUID		0	<input type="checkbox"/>
OTHER E&P WASTE		0	<input type="checkbox"/>
specify: _____			
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 &amp; floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
<b>A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit</b>			
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>72</u>		Width of Impact (feet): <u>39</u>	
Depth of Impact (feet BGS): <u>10</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
A PID was used to identify impacted soil and direct excavation activities. Five confirmation soil samples to were collected between October 5-11, 2017, from below the previous location of the produced water tank, and the north, south, east, and west walls of the excavation. Soil samples were submitted to Origins Laboratory from analysis of BTEX, TEPH, and TVPH. Laboratory results indicate petroleum constituents were below laboratory MDLs in all five sample locations.			
Soil/Geology Description:			
The soil profile at North Poudre consists of loosely compacted, poorly-sorted gravely sand to 3 feet bgs, where it transitions to well compacted, well-sorted silty sand.			
Depth to Groundwater (feet BGS) <u>9</u>		Number Water Wells within 1/2 mile radius: <u>5</u>	
If less than 1 mile, distance in feet to nearest	Water Well <u>923</u> None <input type="checkbox"/>	Surface Water <u>2656</u> None <input type="checkbox"/>	
	Wetlands _____ None <input checked="" type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>	
	Livestock <u>2004</u> None <input type="checkbox"/>	Occupied Building <u>621</u> None <input type="checkbox"/>	
Additional Spill Details Not Provided Above:			

## CORRECTIVE ACTIONS

#1	Supplemental Report Date: 10/28/2017
Cause of Spill (Check all that apply)	
<input type="checkbox"/> Human Error	<input checked="" type="checkbox"/> Equipment Failure
<input type="checkbox"/> Other (specify) _____	<input checked="" type="checkbox"/> Historical-Unknown
Describe Incident & Root Cause (include specific equipment and point of failure)	
Upon moving the oil storage tanks outside the soil secondary containment berm, surficial staining was observed below the west oil storage tank to a depth of 3 feet bgs. A 3" abandoned steel dumphine, trending east-to-west, was discovered under the oil tanks at approximately 6 feet bgs, and appeared to be another source of contamination.	
Describe measures taken to prevent the problem(s) from reoccurring:	
The North Poudre facility has been shut-in. All existing process and storage equipment has been removed from the location.	
Volume of Soil Excavated (cubic yards): 235	
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): _____	
Volume of Impacted Surface Water Removed (bbls): _____	

## 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: 10567

## 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: Drezden Kinnaird

Title: Environmental Scientist Date: 10/28/2017 Email: dkinnaird@cgrs.com

## COA Type

## Description

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## Attachment Check List

Att Doc Num	Name
401443559	DISPOSAL MANIFEST
401443560	TOPOGRAPHIC MAP
401443562	ANALYTICAL RESULTS
401443563	ANALYTICAL RESULTS

Total Attach: 4 Files

## General Comments

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

Total: 0 comment(s)