

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401176100

Date Received:

01/02/2017

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

448793

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: WHITING OIL & GAS CORPORATION	Operator No: 96155	Phone Numbers Phone: (970) 4073008 Mobile: (432) 661-6647 Email: kyle.waggoner@whiting.com
Address: 1700 BROADWAY STE 2300		
City: DENVER	State: CO Zip: 80290	
Contact Person: Kyle Waggoner		

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401170792

Initial Report Date: 12/20/2016 Date of Discovery: 12/20/2016 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SENW SEC 10 TWP 10N RNG 58W MERIDIAN 6

Latitude: 40.855210 Longitude: -103.851200

Municipality (if within municipal boundaries): County: WELD

Reference Location:

Facility Type: PIPELINE ☐ Facility/Location ID No ☐
☒ 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): >=5 and <100

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: Approximately 12.5 bbls of Crude Oil

Land Use:

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

Weather Condition: Cloudy, 30-50 deg F

Surface Owner: FEE Other(Specify): Ron Timmerman

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):

A valve on a gathering pipeline (118 East Gathering) riser failed releasing approximately 12.5 bbls of crude oil north of the former Razor 10F pad. The pipeline was shut in and vacuum trucks were used to remove pooled liquid. Impacted soils will be place on a liner inside secondary containment for onsite treatment. The valve is being replaced with a new Balon valve.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
12/20/2016	Landowner	Ron Timmerman	970-396-5885	Notified
12/20/2016	Weld County	Roy Rudsill	970-304-6540	left message

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 01/01/2017		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	12	9	<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): 767 Width of Impact (feet): 2

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): _____

How was extent determined?

A measuring wheel and measuring tape were utilized to determine the extent of the release.

Soil/Geology Description:

Ascalon-Blakeland Complex; 3-15% slopes

Depth to Groundwater (feet BGS) 80 Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest

Water Well	<u>792</u>	None <input type="checkbox"/>	Surface Water	<u>546</u>	None <input type="checkbox"/>
Wetlands	_____	None <input checked="" type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	_____	None <input checked="" type="checkbox"/>	Occupied Building	_____	None <input checked="" type="checkbox"/>

Additional Spill Details Not Provided Above:

During the initial investigation of the spill soil borings were completed to delineate the horizontal and vertical extent of the release. A total of 28 soil samples were collected and three of the soil samples (2 at 6" depth and 1 at surface) indicated elevated levels of TPH. All other parameters tested were below the Table 910-1 criteria. The soils in these areas will be addressed and additional soil samples will be collected to confirm that the impacted soils in the spill area have been collected for on-site treatment. Copies of the sampling report will be included with the request for closure. Due to the holidays we were not able to prepare a topo map identifying the spill locations. This will be included in the request for closure.

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	01/01/2017		
Cause of Spill (Check all that apply)		<input type="checkbox"/> Human Error	<input checked="" 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)				
A WKM valve on a gathering pipeline (118 East Gathering) riser failed due to cold weather causing a mechanical failure of the seat which resulted in the release of approximately 12.5 bbls of crude oil north of the former Razor 10F pad. The pipeline was shut in.				
Describe measures taken to prevent the problem(s) from reoccurring:				
The failed valve was replaced with a new Balon valve which is believed to prevent a reoccurrence.				
Volume of Soil Excavated (cubic yards):		20		
Disposition of Excavated Soil (attach documentation)		<input type="checkbox"/> Offsite Disposal	<input checked="" 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:

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

Signed: _____ Print Name: Mark Keyes

Title: Env Compliance Supervisor Date: 01/02/2017 Email: mark.keyes@whiting.com

COA Type	Description
	The Operator shall submit a Form 19 Supplemental Report that documents the successful remediation of the release within 90 days of the release date (by March 20, 2017). Supporting documentation shall include confirmation soil samples to document removal of impacts from soil in the release area and a site diagram that illustrates the release extent and location of confirmation soil samples. Confirmation soil samples should be collected and analyzed in accordance with Rule 910.

Attachment Check List

Att Doc Num	Name
401176100	FORM 19 SUBMITTED

Total Attach: 1 Files

General Comments

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

Total: 0 comment(s)