

State of Colorado Oil and Gas Conservation Commission

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Document Number:

400844376

Date Received:

05/26/2015

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

441826

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

OPERATOR INFORMATION

Name of Operator: PROSPECT ENERGY LLC	Operator No: 10312	Phone Numbers
Address: 500 DALLAS STREET SUITE 1800		Phone: (307) 382-6738
City: HOUSTON State: TX Zip: 77002		Mobile: (307) -389-8755
Contact Person: Dene Martin		Email: dmartin@memorialrd.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400841165

Initial Report Date: 05/18/2015 Date of Discovery: 05/16/2015 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWNW SEC 30 TWP 8N RNG 68W MERIDIAN 6

Latitude: 40.637190 Longitude: -105.053590

Municipality (if within municipal boundaries): County: LARIMER

Reference Location:

Facility Type: FLOWLINE ☒ Facility/Location ID No 333083☐ 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:

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify):

Weather Condition: Cloudy, overcast, 50 degrees

Surface Owner: FEE

Other(Specify): Operator owns surface

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):

An oil stain was noted on the ground on 5/16/15. The stain was discovered during a routine daily inspection. The leak was determined to be from the 3 inch diameter production flow line, located near the oil production tanks of the Fort Collins tank battery. All wells connected to the flow line were shut in, stopping any active flow in the line. Line locations were made on 5/17/15, and excavation occurred on 5/18/15. Excavation exposed a leak in a 3 inch threaded pipe connection, caused by corrosion. A hydrovac truck evacuated liquids and slurry. 5 bbls was estimated to be spilled. Additional soil is planned to be removed. A section of the flowline will be replaced. The spill was approximately 992 feet from surface water, 302 feet from wetlands, 303 feet from the nearest occupied building, and 600 feet from the nearest water well (DNR plot of water well).

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS				
Date	Agency/Party	Contact	Phone	Response
5/18/2015	City of Fort Collins	Dan Weinheimer	970-416-2253	Dan will notify City Council

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 05/26/2015

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	5	5	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	10	10	<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): 20 Width of Impact (feet): 12

Depth of Impact (feet BGS): 11 Depth of Impact (inches BGS): _____

How was extent determined?

Excavation of stained soil from the current release.

Soil/Geology Description:

Gravel/road base on top of fill soil. Native soil is clay and is about 6.25 feet below the surface on average.

Depth to Groundwater (feet BGS) 20 Number Water Wells within 1/2 mile radius: 6

If less than 1 mile, distance in feet to nearest

Water Well	<u>600</u>	None <input type="checkbox"/>	Surface Water	<u>992</u>	None <input type="checkbox"/>
Wetlands	<u>302</u>	None <input type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	_____	None <input checked="" type="checkbox"/>	Occupied Building	<u>303</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

Existing fill soil has asphaltines and other potential pre-existing hydrocarbons. While operating the backhoe to extract soil, the tooth of the bucket pierced an unknown 3" diameter poly flowline containing produced water and oil under approximately 55 lbs of pressure. The existing excavation was able to contain the 9.8 bbls of produced water and 0.2 bbls of oil. A vac truck on stand-by was able to recover the 10 bbls of fluid, and washed down the oil film left on the floor and walls of the excavation. Production of the affected portion of the field was shut in until a 3" diameter compression clamp was installed. Production was turned back on and no leaks were detected.

Soil samples were collected from the excavation, per direction of the COGCC representative. Samples were collected from the west wall at 6 feet, the north wall at 6.5 feet, the south wall at 7 feet, the east wall at 7 feet, and the bottom at 11 feet. Soil analytical results are expected to be received by May 29, 2015. Groundwater was not encountered in the excavation (11 feet). The depth to groundwater was not listed for the nearby wells. The depth to groundwater (20 feet) is an estimate.

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: _____

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

Signed: _____ Print Name: Mary C. Griggs

Title: Reg/Environ. (Contractor) Date: 05/26/2015 Email: mary.griggs@memorialrd.com

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400844379	AERIAL PHOTOGRAPH
400844380	TOPOGRAPHIC MAP

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)