

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:

401048444

Date Received:

05/16/2016

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. 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: <u>BNN WESTERN LLC</u>	Operator No: <u>10608</u>	Phone Numbers
Address: <u>370 VAN GORDON STREET</u>		Phone: <u>(303) 7633442</u>
City: <u>LAKEWOOD</u>	State: <u>CO</u>	Mobile: <u>(970) 2613567</u>
Zip: <u>80228</u>		Email: <u>craig.meis@tallgrassenergy.com</u>
Contact Person: <u>Craig Meis</u>		

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401043131

Initial Report Date: 05/07/2016 Date of Discovery: 05/06/2016 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWSW SEC 16 TWP 9N RNG 59W MERIDIAN 6Latitude: 40.748568 Longitude: -103.990383Municipality (if within municipal boundaries): _____ County: WELD

Reference Location:

Facility Type: OTHER ☒ Facility/Location ID No 159962☐ 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): >=100Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >=100Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Land Use:

Current Land Use: NON-CROP LANDOther(Specify): RangelandWeather Condition: Rain and LightningSurface Owner: FEEOther(Specify): Wade and Todd Castor

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):

At ~11pm on 5/6/16 lightning struck the Wildhorse SWD tank battery. Site was isolated, secured and monitored by local first responders and BNN Field Operations personnel till fire subsided. No fire or liquids left fenced perimeter of site or pad. Free liquid is being collected via vac trucks.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
5/7/2016	Weld County Commissioner	Barb Kirkmeyer	970-866-4988	Email notification sent. Read receipt received.
5/7/2016	Landowner	Wade and Todd Castor	970-768-0363	Verbally notified. No concerns.
5/7/2016	Adjacent Landowner	Timbro Ranch and Cattle	303-917-2732	Verbally notified. No concerns.

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 05/16/2016		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	950	1	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	3005	370	<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? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
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) <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): _____		Width of Impact (feet): _____	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____	
How was extent determined?			
The lateral extent of soil impacts was determined visually as observed by the presence of salt encrustation on drying soils and crude oil staining to surface soils. Soil samples were collected on Wednesday, May 11, 2016 in the areas of produced water impacts to access electrical conductance (EC), pH, sodium adsorption ratio (SAR) at the surface, and the extent of the vertical produced water impacts. The samples were submitted to the laboratory for rush turn-around on May 12. The results will be recieved in 3 to 5 days. Analytical results will be provided to the COGCC in an assessment report once lab results are received. No soil samples were collected from the areas with visible hydrocarbon impacts. Confirmation soil samples will be collected from these areas once hydrocarbon impacted soils are removed. A site diagram showing lateral extent of surface impacts and soil sample collection locations is attached.			
Soil/Geology Description:			
The site geology is characterized as the Tertiary White River Group (Symbol Twr) including the Brule Formation and overlying Arikaree Formation. The site soils at the Wildhorse 16 SWD facility consist of the Epping Silt Loam (Unit #27), occupying 0 - 9% slopes, over the southern 1/3 of the facility, and the Otero sandy loam (Unit #46) 0 - 3% slopes northern 2/3 of the facility.			
Depth to Groundwater (feet BGS) 100		Number Water Wells within 1/2 mile radius: 0	
If less than 1 mile, distance in feet to nearest		Water Well _____	None <input checked="" type="checkbox"/> Surface Water _____
		Wetlands _____	None <input checked="" type="checkbox"/> Springs _____
		Livestock 500	None <input type="checkbox"/> Occupied Building _____
			None <input checked="" type="checkbox"/>

Additional Spill Details Not Provided Above:

Liquid inside containment structure still to be collected due to on-going incident investigation. BBLs recovered will change and be updated as a result. Most of the oil is presumed to have burned off during the fire considering how little oil was seen on-site directly following the incident. Once incident investigation is complete and equipment removed from site, impacted soils will be excavated and removed till levels below Table 910-1 are achieved and confirmed via analysis of confirmation soil samples.

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:

Submission of supplemental spill/release detail report along with attachments.

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

Signed: _____ Print Name: Craig Meis

Title: VP EHS Date: 05/16/2016 Email: craig.meis@tallgrassenergyllp.com

COA Type

Description

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Attachment Check List

Att Doc Num

Name

401048459	SITE MAP
401048460	SITE MAP
401048463	OTHER

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)