

State of Colorado  
Oil and Gas Conservation Commission

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Document Number:

400897820

Date Received:

09/10/2015

Spill report taken by:

Hughes, Jim

Spill/Release Point ID:

443095

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>BP AMERICA PRODUCTION COMPANY</u>	Operator No: <u>10000</u>	<b>Phone Numbers</b>
Address: <u>380 AIRPORT RD</u>		Phone: <u>(970) 375-7590</u>
City: <u>DURANGO</u> State: <u>CO</u> Zip: <u>81303</u>		Mobile: <u>(970) 394-0253</u>
Contact Person: <u>Andrew Hawk</u>		Email: <u>andrew.hawk@bp.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400893645

Initial Report Date: 09/01/2015 Date of Discovery: 08/31/2015 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWNW SEC 22 TWP 34N RNG 9W MERIDIAN M

Latitude: 37.183749 Longitude: -107.818776

Municipality (if within municipal boundaries): N/A County: LA PLATA

Reference Location:

Facility Type: FLOWLINE  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): 0 Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): >=5 and <100

Estimated Other E&P Waste Spill Volume(bbl): 0 Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: Initial calculations indicate approximately 92 barrels released

Land Use:

Current Land Use: CROP LAND Other(Specify): \_\_\_\_\_

Weather Condition: Partly cloudy, winds light, 86F

Surface Owner: FEE Other(Specify): Dorothy Eccher

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):

The leak occurred in a right of way adjacent to La Plata County Road 303. The water flowed from the ROW into an unirrigated pasture that contained two cattle at the time of the release. The produced water flowed from the point of release across the pasture into a shallow natural depression within the pasture that has the ability to convey water. The spill was stopped by shutting in the line that leaked and depressuring the pipeline. Samples of the produced water were taken at the time of discovery to characterize the release. Cattle in the pasture were removed by the Landowner to remove any potential threat to the cattle. A plan for site soil sampling was discussed with Inspector Hughes during the site visit.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
8/31/2015	COGCC	Jim Hughes	970-903-4072	Site visit
8/31/2015	La Plata County OEM	Butch Knowlton	970-749-6344	Left a voicemail
8/31/2015	Landowner	Dorothy Eccher	-	Spoke with the landowner and gave release details

**SPILL/RELEASE DETAIL REPORTS**

#1 Supplemental Report Date: 09/10/2015

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>0</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>92</u>	<u>0</u>	<input type="checkbox"/>
DRILLING FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
FLOW BACK FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	<u>0</u>	<u>0</u>	<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): 132 Width of Impact (feet): 51

Depth of Impact (feet BGS): \_\_\_\_\_ Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

Measurements of the soil that was wet with produced water were taken with a rolling foot-wheel to determine the extent of the release. Estimates of depth of penetration of produced water into soil were made by excavating a small area of soil to look for signs of saturation of water in soil.

Soil/Geology Description:

The point of release was a steel produced water flow line that is buried in the shoulder of County Road 303. The water flowed from the ROW into an unirrigated pasture. The pasture slopes gently from the northwest to the south east. Soils in the pasture are a clay-loam. Vegetation is primarily pasture grasses. The produced water entered a shallow wet feature in the low area of the pasture that was flowing water at the time of the release. This feature does not contain a bed, back or ordinary high-water mark. The water feature in the pasture is labeled as an intermittent stream by the National Hydrological Database.

Depth to Groundwater (feet BGS) 100 Number Water Wells within 1/2 mile radius: 4

If less than 1 mile, distance in feet to nearest

Water Well	<u>100</u>	None <input type="checkbox"/>	Surface Water	<u>135</u>	None <input type="checkbox"/>
Wetlands	_____	None <input checked="" type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	<u>150</u>	None <input type="checkbox"/>	Occupied Building	<u>270</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

**CORRECTIVE ACTIONS**

#1 Supplemental Report Date: 09/10/2015

Cause of Spill (Check all that apply)  Human Error  Equipment Failure  Historical-Unknown  
 Other (specify) \_\_\_\_\_

Describe Incident & Root Cause (include specific equipment and point of failure)

The line that failed and caused the leak to occur is currently being excavated. An analysis of the failure mechanism will be performed once the line is excavated and the damaged section of pipe is removed. Soil samples of the effected area were taken on 9/2/2015. Results from those soil samples have not been recieved. Plans for remediation of the impacted area will be guided by the analytical results of those soil samples. A Form 27 will be submitted for this event on or before September 25th.

Describe measures taken to prevent the problem(s) from reoccurring:

Volume of Soil Excavated (cubic yards): \_\_\_\_\_

Disposition of Excavated Soil (attach documentation)  Offsite Disposal  Onsite Treatment  
 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: \_\_\_\_\_

**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: Andrew Hawk  
 Title: Environmental Advisor Date: 09/10/2015 Email: andrew.hawk@bp.com

<b>COA Type</b>	<b>Description</b>

**Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
400897820	FORM 19 SUBMITTED
400897921	SITE MAP
400897932	TOPOGRAPHIC MAP

Total Attach: 3 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	Operator shall submit a Form 27 Site Investigation and Remediation Workplan by September 25, 2015.	9/11/2015 1:36:29 PM

Total: 1 comment(s)