

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

400919088

Date Received:

11/19/2015

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: PIONEER NATURAL RESOURCES USA INC	Operator No: 10084	<b>Phone Numbers</b>
Address: 5205 N O'CONNOR BLVD STE 200		Phone: (719) 846-7898
City: IRVING	State: TX	Mobile: ( )
Zip: 75039		Email: james.roybal@pxd.com
Contact Person: James Roybal		

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400915211

Initial Report Date: 10/10/2015 Date of Discovery: 10/08/2015 Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR SENW SEC 15 TWP 34S RNG 66W MERIDIAN 6

Latitude: 37.086610 Longitude: -104.769540

Municipality (if within municipal boundaries): County: LAS ANIMAS

#### Reference Location:

Facility Type: WELL ☐ Facility/Location ID No ☐  
☐ No Existing Facility or Location ID No.  
☒ Well API No. (Only if the reference facility is well) 05-071-06668

#### 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? No

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): >=1 and <5

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

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: 2bbls

#### Land Use:

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

Weather Condition: sunny

Surface Owner: FEE Other(Specify): Bobby Hill

#### 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 packing/stuffing box on the well head was found leaking, the leak was fixed upon discovery and it is estimated that 2bbls of produced water were spilled, the spill ran of the north side of location about 90'. No state waters were involved.

List Agencies and Other Parties Notified:

### OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
10/8/2015	COGCC	John Axelson	-	email
10/8/2015	LACOG	Bob Lucero	-	email
10/8/2015	Ranch Foreman	Mike Powell	-	voicemail

### SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 10/16/2015		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	2	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): 170 Width of Impact (feet): 1

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): 1

How was extent determined?

GPS and visual inspection

Soil/Geology Description:

Saruche-Rombo-Rock Outcrop Complex, Taken off of USA soil survey provided by NRCS

Depth to Groundwater (feet BGS) 300 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest

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

Additional Spill Details Not Provided Above:

After repacking the packing it was determined that the pumping unit was out of alignment causing wear on the stuffing box. Plans for aligning the unit are in process

## CORRECTIVE ACTIONS

#1	Supplemental Report Date: 10/16/2015	
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)		
<div>It was determined that Normal wear and tear as cause</div>		
Describe measures taken to prevent the problem(s) from reoccurring:		
<div>Stuffing box and packing were replaced and plans to realign the unit are being made</div>		
Volume of Soil Excavated (cubic yards): _____		
Disposition of Excavated Soil (attach documentation)		
<input 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: \_\_\_\_\_

## OPERATOR COMMENTS:

Produced water quality data from the well associated with or representative of the spill is attached. Pioneer and its consulting geochemical specialists have found, after 20 years operating in the Raton Basin CBM field, that soil sampling no longer adds useful data on smaller, short-term spills as land uses and the environment are not sensitive to short-term exposure to CBM produced water. Effects to soil chemistry from short-term CBM produced water spills are temporary and shallow for several reasons: the water does not contain crude oil or liquid hydrocarbons; the TDS is significantly less than 10,000 mg/L; it is suitable for livestock watering, wildlife and in many cases surface discharge. Mixed with other water it is suitable for irrigation without impact. When requested by the agency or landowner Pioneer has and will collect soil samples. Pioneer Natural Resources request closure of this spill based on this statement and attached water quality data.

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

Signed: \_\_\_\_\_ Print Name: James Roybal  
Title: Environmental supervisor Date: 11/19/2015 Email: james.roybal@pxd.com

## COA Type

## Description

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## Attachment Check List

### Att Doc Num

### Name

400939638	ANALYTICAL RESULTS
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Total Attach: 1 Files

## General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)