

State of Colorado Oil and Gas Conservation Commission

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Document Number:

400968338

Date Received:

01/11/2016

Spill report taken by:

Kosola, Jason

Spill/Release Point ID:

444500

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 Address: 5205 N O'CONNOR BLVD STE 200 City: IRVING State: TX Zip: 75039 Contact Person: James Roybal Phone Numbers: Phone: (719) 846-7898 Mobile: Email: james.roybal@pxd.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400964966

Initial Report Date: 01/06/2016 Date of Discovery: 01/04/2016 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR neww SEC 8 TWP 32s RNG 65w MERIDIAN 6

Latitude: 37.279450 Longitude: -104.698010

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) 05-071-06588

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:

Land Use:

Current Land Use: NON-CROP LAND Other(Specify): Weather Condition: cold Surface Owner: FEE Other(Specify):

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):

Lease Operator found a valve leaking at the Carl 21-8 well site and when he attempted to try and tighten the fitting the valve was cracked and came apart releasing about 15bbls of produced water before it was isolated. the spill ran down the lease road and ended in a meadow. Water from this spill normally goes to permitted outfall 065A. No State water were involed.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
1/5/2016	COGCC	Jason Kosola	-	email
1/5/2016	LACOG	Bob Lucero	-	email
1/5/2016	Land Owner	Carl Zele	-	Voice message

**SPILL/RELEASE DETAIL REPORTS**

#1 Supplemental Report Date: 01/11/2016

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	15	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): 460 Width of Impact (feet): 1

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

How was extent determined?

GPS and visual inspection

Soil/Geology Description:

From the NRCS soil survey: Gulnare-Allens Park Complex

Depth to Groundwater (feet BGS) 150 Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest

Water Well	<u>1500</u>	None <input type="checkbox"/>	Surface Water	<u>280</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	<u>2000</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

The valve was replaced. The well was not running at the time this occurred and the water spilled was from the gathering side and normally goes to permitted outfall 065A. The Analytical results attached are for this outfall.

## CORRECTIVE ACTIONS

#1	Supplemental Report Date:	01/11/2016
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)		
It appears that freeze caused the valve to split		
Describe measures taken to prevent the problem(s) from reoccurring:		
Isolate the valve before repairs are attempted to prevent spill		
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: 01/11/2016 Email: james.roybal@pxd.com

## COA Type

## Description

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## Attachment Check List

### Att Doc Num

### Name

400968409	ANALYTICAL RESULTS
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Total Attach: 1 Files

## General Comments

User Group

Comment

Comment Date

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

Total: 0 comment(s)