

State of Colorado  
Oil and Gas Conservation Commission

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Document Number:

401103390

Date Received:

09/02/2016

Spill report taken by:

Kosola, Jason

Spill/Release Point ID:

447518

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

**INITIAL SPILL/RELEASE REPORT**

Initial Spill/Release Report Doc# 401102126

Initial Report Date: 08/31/2016 Date of Discovery: 08/30/2016 Spill Type: Recent Spill

**Spill/Release Point Location:**

Location of Spill/Release: QTRQTR NENE SEC 2 TWP 33S RNG 66W MERIDIAN 6

Latitude: 37.205290 Longitude: -104.743710

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) 05-071-07893

**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): <u>0</u>	Estimated Condensate Spill Volume(bbl): <u>0</u>
Estimated Flow Back Fluid Spill Volume(bbl): <u>0</u>	Estimated Produced Water Spill Volume(bbl): <u>&gt;=1 and &lt;5</u>
Estimated Other E&P Waste Spill Volume(bbl): <u>0</u>	Estimated Drilling Fluid Spill Volume(bbl): <u>0</u>

Specify: \_\_\_\_\_

**Land Use:**

Current Land Use: NON-CROP LAND Other(Specify): \_\_\_\_\_  
 Weather Condition: hot sunny  
 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):

We had a spill that occurred yesterday 8/30/16 on the Stacie 41-2 well site (API# 05-071-07893). A lease operator was dispatched to site to investigate a leaky well head. When arrived the operator found the packing on the well head to be leaking. The leak was repaired during this time. It is estimated that 3bbls of produced water were spilled. All of the water remained on the location with No state waters involved. The land owner has been notified.

List Agencies and Other Parties Notified:

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
8/30/2016	COGCC	Jason Kosola	-	email
8/30/2016	LACOG	Bob Lucero	-	email
8/30/2016	land owner	Dave Gourdin	-	phone call

**SPILL/RELEASE DETAIL REPORTS**

#1 Supplemental Report Date: 09/02/2016

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	3	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): 50 Width of Impact (feet): 4

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

How was extent determined?

Visual inspection

Soil/Geology Description:

From the NRCS soil survey map: Gulnare Allens park complex

Depth to Groundwater (feet BGS) 75 Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest

Water Well	<u>2200</u>	None <input type="checkbox"/>	Surface Water	<u>430</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>1500</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

Lease operator repaired the packing at time of incident.

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 09/09/2016

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)

Root cause was determined as mechanical failure due to normal wear and tear/inadequate maintenance.

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

Pioneer is going to implement a training program to install and maintain packing properly.

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:

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: 09/02/2016 Email: james.roybal@pxd.com

COA Type	Description

### Attachment Check List

Att Doc Num	Name
401103485	ANALYTICAL RESULTS

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)