

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

400999498

Date Received:

03/03/2016

Spill report taken by:

Kosola, Jason

Spill/Release Point ID:

444983

## 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 INCOperator No: 10084Address: 5205 N O'CONNOR BLVD STE 200City: IRVINGState: TXZip: 75039Contact Person: James Roybal

#### Phone Numbers

Phone: (719) 846-7898Mobile: ( )Email: james.roybal@pxd.com

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400995679Initial Report Date: 02/25/2016Date of Discovery: 02/24/2016Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESE SEC 32 TWP 31S RNG 65W MERIDIAN 6Latitude: 37.295940 Longitude: -104.688220Municipality (if within municipal boundaries): \_\_\_\_\_ County: LAS ANIMAS

#### Reference Location:

Facility Type: WATER GATHERING SYSTEM/LINE☒ Facility/Location ID No 427440☐ 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): 0Estimated 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 LAND

Other(Specify): \_\_\_\_\_

Weather Condition: Warn sunnySurface 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 on the gathering line going to the E. Budd 24-33 well site. The Lease Operator found a break in the gathering line on the access road to the site. The leak was isolated immediately and is being prepped for repair. The leak ran down the lease road to the south entering a meadow then through a culvert headed back north and ended in a dry drainage that was considered Waters of the State with no live water. It is estimated that 400bbls of produced water were spilled. A call was made to the CDPHE Hotline. Water from this spill normally goes to CDPHE permitted outfall #065. The spill occurred on the access road to the referenced site which is in a different section and QTRQTR than the well site.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
2/24/2016	COGCC	Jason Kosola	-	email
2/24/2016	LACOG	Bob Lucero	-	email
2/24/2016	CDPHE	Greg Stasinos	-	Spill hotline
2/25/2016	Care Taker	Frank Zele	-	email

**SPILL/RELEASE DETAIL REPORTS**

#1	Supplemental Report Date: 03/03/2016		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	400	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? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, including walls &amp; floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
<b>A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit</b>			
Impacted Media (Check all that apply) <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input checked="" type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): <u>1500</u>		Width of Impact (feet): <u>3</u>	
Depth of Impact (feet BGS): <u>0</u>		Depth of Impact (inches BGS): <u>0</u>	
How was extent determined?			
GPS and visual inspection			
Soil/Geology Description:			
From the NRCS soil survey map: Gulnare-Allens Park Complex			
Depth to Groundwater (feet BGS) <u>50</u>		Number Water Wells within 1/2 mile radius: <u>0</u>	
If less than 1 mile, distance in feet to nearest		Water Well <u>3200</u> None <input 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>2900</u> None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			

During the repairs it was found that the leak occurred at a fuse joint on the poly line. Repairs were made to the line and line was pressure tested to 300psi before it was put back into service.

## CORRECTIVE ACTIONS

#1	Supplemental Report Date: 03/03/2016
Cause of Spill (Check all that apply) <input checked="" type="checkbox"/> Human Error <input 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) Inadequate installation was found to be the cause. The leak occurred at a fuse joint on a 2" SDR7 poly line.	
Describe measures taken to prevent the problem(s) from reoccurring: After repairs were made to the line it was pressure tested to 300PSI	
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. As requested PNR has had our Third party consultant collect soil samples of the spill path. They were collected on Tuesday March 1st. The results of the soil samples will be given as I receive them from the Lab. Pioneer Natural Resources request closure of this spill based on this statement and attached water quality data (for CDPHE permitted outfall #065) and review of soil sample results when submitted.

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: 03/03/2016 Email: james.roybal@pxd.com

COA Type	Description

## Attachment Check List

Att Doc Num	Name
400999526	ANALYTICAL RESULTS

Total Attach: 1 Files

**General Comments**

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

Total: 0 comment(s)