

State of Colorado
Oil and Gas Conservation Commission

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 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

401103303

Date Received:

09/02/2016

Spill report taken by:

Kosola, Jason

Spill/Release Point ID:

447516

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

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401100275

Initial Report Date: 08/27/2016 Date of Discovery: 08/26/2016 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESE SEC 13 TWP 33S RNG 66W MERIDIAN 6

Latitude: 37.165680 Longitude: -104.724170

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

Reference Location:

Facility Type: PIT ☐ Facility/Location ID No _____
☐ No Existing Facility or Location ID No.
☒ Well API No. (Only if the reference facility is well) 05-071-07478

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: 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 was found yesterday 8-26-16 at around 11:45 AM by a vendor on the Filly 44-13 well site(API# 05-071-07478). A lease operator was dispatched to the site and found the lined production pit to be leaking, the level in the pit was over the liner and was seeping through the fill slope. The operator isolated the well from the pit and dispatched water trucks to lower the level in the pit. It is estimated that 65bbbls of produced water were spilled. The spill ran to the west and entered a dry drainage that was considered waters of the state with no live water. A call was made to the CDPHE spill hotline.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

| Date | Agency/Party | Contact | Phone | Response |
|-----------|--------------|---------------|-------|------------|
| 8/26/2016 | Land Owner | Doug Taylor | - | Voice mail |
| 8/27/2016 | COGCC | Jason Kosola | - | email |
| 8/27/2016 | LACOG | Bob Lucero | - | email |
| 8/27/2016 | CDPHE | Spill Hotline | - | voicemail |

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 | 65 | 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 & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i> | | | |
| 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) <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature | | | |
| Surface Area Impacted: Length of Impact (feet): <u>277</u> | | Width of Impact (feet): <u>3</u> | |
| Depth of Impact (feet BGS): <u>0</u> | | Depth of Impact (inches BGS): _____ | |
| How was extent determined? | | | |
| GPS and visual inspection | | | |
| Soil/Geology Description: | | | |
| From the NRCS soil survey map: Lorencito-Sarcillo complex | | | |
| Depth to Groundwater (feet BGS) <u>25</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>0</u> None <input type="checkbox"/> | Surface Water <u>190</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>2100</u> None <input type="checkbox"/> |
| Additional Spill Details Not Provided Above: | | | |

This well normally produces to the gathering line and not to the pit. At the time the spill occurred the line was left going to the tank and pit on location and was not monitored causing the spill. Plans to repair the liner are being made and a plan will be implemented to monitor the water level in the tank and pit when in use.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 09/02/2016

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 Inadequate communication, did not communicate to route personel that the tank setup on the location existed and how to monitor it.

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

Repaires to the liner will be made and a plan will be implemented to monitor water level in the tank and pit when in use.

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: James Roybal

Title: Environmental Supervisor Date: 09/02/2016 Email: james.roybal@pxd.com

COA Type

Description

Based on review of information presented it appears that no further action is necessary at this time. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if ground water is found to be significantly impacted, further investigation and/or remediation activities may be required at the site.

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|--------------------|--------------------------|
| 2099917 | Table 910-1 |
| 2099918 | Soil sampling field form |
| 2099919 | Analytical results |
| 2099920 | Soil sampling map |
| 401103303 | FORM 19 SUBMITTED |
| 401103315 | ANALYTICAL RESULTS |

Total Attach: 6 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|--|-------------------------|
| Environmental | Attached analytical results from spill sampling. Analytical results are compliant with Table 910-1 except As. Analytical results demonstrate that background concentrations of arsenic (As) exceed Table 910-1 concentration levels. Analytical results demonstrate that concentrations of As in soils in the spill path also exceed Table 910-1 concentration levels and concentrations are less than or within analytical uncertainty of being equal to the background concentrations. COGCC and CDPHE have consulted and agree that operators do not need to request variances from CDPHE for instances where the concentrations of metals in impacted soils are equal to or less than background concentrations, but do not meet Table 910-1 concentration values. | 10/3/2016 9:40:30 AM |
| Environmental | Awaiting analytical results from operator. | 9/6/2016 8:05:25 AM |

Total: 2 comment(s)