

**State of Colorado**  
**Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)894-2100 Fax:(303)894-2109



#7038

FOR OGCC USE ONLY

**RECEIVED**  
**5/7/2012**

## SITE INVESTIGATION AND REMEDIATION WORKPLAN

This form shall be submitted to the Director for approval prior to the initiation of site investigation and remediation activities. Form 27 is intended to be used whenever possible. Additional documentation will be required when large volumes of soil and groundwater have been impacted or involve large facilities with multiple source areas. See Rule 910. Attach as many pages as needed to fully describe the proposed work.

### CAUSE OF CONDITION BEING INVESTIGATED AND REMEDIATED

☐ Spill or Release ☐ Plug & Abandon ☐ Central Facility Closure ☐ Site/Facility Closure ☒ Other (describe): Partially Buried Tank Pit Closure

OGCC Employee:

☐ Spill ☐ Complaint  
☐ Inspection ☐ NOAV

Tracking No:

OGCC Operator Number: 100264Name of Operator: XTO Energy Inc.Address: PO Box 6501City: Englewood State: CO Zip: 80155

Contact Name and Telephone:

Jessica DoolingNo: 970-675-4122Fax: 970-675-4150API Number: 05-103-07436County: Rio BlancoFacility Name: Piceance Creek Unit

Facility Number: \_\_\_\_\_

Well Name: Piceance Creek UnitWell Number: F13-19GLocation: (QtrQtr, Sec, Twp, Rng, Meridian): NWSW, Sec.19, T2S, R97W, 6th Latitude: 39.863462 Longitude: -108.217303

### TECHNICAL CONDITIONS

Type of Waste Causing Impact (crude oil, condensate, produced water, etc): Produced water and condensateSite Conditions: Is location within a sensitive area (according to Rule 901e)? ☐ Y ☒ N If yes, attach evaluation.Adjacent land use (cultivated, irrigated, dry land farming, industrial, residential, etc.): non-cropland rangelandSoil type, if not previously identified on Form 2A or Federal Surface Use Plan: Rentsac Channery loamPotential receptors (water wells within 1/4 mi, surface waters, etc.): Jessup Gulch Creek ~1998 feet to W/SW

Description of Impact (if previously provided, refer to that form or document):

Impacted Media (check):



Soils



Vegetation



Groundwater



Surface Water

Extent of Impact:

arsenic

How Determined:

laboratory analysis

### REMEDIAL WORKPLAN

Describe initial action taken (if previously provided, refer to that form or document):

The out of service partially buried pit tank from the PCU F13-19G location was removed. A sample was collected from beneath the low point of the tank area and analyzed for full Table 910-1. Results are below Table 910-1 concentrations with the exception of arsenic (5.5 mg/kg). Please see associated Form 4.

Describe how source is to be removed:

NA

Describe how remediation of existing impacts is to be accomplished, including removal and disposal at an injection well or licensed facility, land treatment on site, removal of impacted groundwater, insitu bioremediation, burning of oily vegetation, etc.:

The partially buried tank pit will be closed with clean fill material imported from the Connell Pit in Meeker, CO.

X T O

PCU F13-196

FORM  
27  
Rev 6/99State of Colorado  
Oil and Gas Conservation Commission  
1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
(303)894-2100 Fax: (303)894-2109Page 2  
REMEDATION WORKPLAN (Cont.)Tracking Number: \_\_\_\_\_  
Name of Operator: \_\_\_\_\_  
OGCC Operator No: \_\_\_\_\_  
Received Date: \_\_\_\_\_  
Well Name & No: 103 07436  
Facility Name & No: Location ID # 314861

OGCC Employee: \_\_\_\_\_

**If groundwater has been impacted, describe proposed monitoring plan** (# of wells or sample points, sampling schedule, analytical methods, etc.):

Available information indicates that the uppermost groundwater bearing zone is greater than 200 feet below the ground surface. Soil samples were collected for laboratory analysis from beneath the low point of the tank area to confirm no groundwater impact potential exists (see Tables 1).

**Describe reclamation plan.** Discuss existing and new grade recontouring; method and testing of compaction alleviation; and reseeding program, including location of new seed, seed mix and noxious weed prevention. Attach diagram or drawing. Use additional sheet for description if required.

Reclamation activities will be as specified in the Surface Use Plan and BLM Conditions of Approval.

Attach samples and analytical results taken to verify remediation of impacts. Show locations of samples on an onsite schematic or drawing.

Is further site investigation required? ☐ Y ☒ N If yes, describe:

**Final disposition of E&P waste** (landtreated and disposed onsite, name of licensed disposal facility, recycling, reuse, etc.):

NA

**IMPLEMENTATION SCHEDULE**

Date Site Investigation Began: <u>12/21/2011</u>	Date Site Investigation Completed: <u>in progress</u>	Date Remediation Plan Submitted: _____
Remediation Start Date: <u>pending approval</u>	Anticipated Completion Date: <u>pending approval</u>	Actual Completion Date: _____

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

Print Name: DOLENA JOHNSONSigned: Doleena JohnsonTitle: REGULATORY COMPLIANCE TECHNICIANDate: 05/07/2012OGCC Approved: [Signature]Title: FOR Chris CanfieldDate: 05/11/2012#PS NW Region