

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



#7038

FOR OGCC USE ONLY

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5/7/2012

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

**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.

OGCC Employee:  
 Spill  Complaint  
 Inspection  NOAV  
Tracking No:

**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 Operator Number: <u>100264</u>	Contact Name and Telephone: <u>Jessica Dooling</u>
Name of Operator: <u>XTO Energy Inc.</u>	No: <u>970-675-4122</u>
Address: <u>PO Box 6501</u>	Fax: <u>970-675-4150</u>
City: <u>Englewood</u> State: <u>CO</u> Zip: <u>80155</u>	

API Number: <u>05-103-07436</u>	County: <u>Rio Blanco</u>
Facility Name: <u>Piceance Creek Unit</u>	Facility Number: _____
Well Name: <u>Piceance Creek Unit</u>	Well Number: <u>F13-19G</u>
Location: (QtrQtr, Sec, Twp, Rng, Meridian): <u>NWSW, Sec.19, T2S, R97W, 6th</u>	Latitude: <u>39.863462</u> Longitude: <u>-108.217303</u>

**TECHNICAL CONDITIONS**

Type of Waste Causing Impact (crude oil, condensate, produced water, etc): Produced water and condensate

Site 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 rangeland

Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: Rentsac Channery loam

Potential 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):	Extent of Impact:	How Determined:
<input checked="" type="checkbox"/> Soils	<u>arsenic</u>	<u>laboratory analysis</u>
<input type="checkbox"/> Vegetation	_____	_____
<input type="checkbox"/> Groundwater	_____	_____
<input type="checkbox"/> Surface Water	_____	_____

**REMEDIALTION 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.

XT O  
PCU F13-196

FORM  
27  
Rev 6/99

State of Colorado  
Oil and Gas Conservation Commission  
1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
(303)894-2100 Fax: (303)894-2109



Tracking Number: \_\_\_\_\_  
Name of Operator: \_\_\_\_\_  
OGCC Operator No: \_\_\_\_\_  
Received Date: \_\_\_\_\_  
Well Name & No: 103 07436  
Facility Name & No: Location ID # 314861

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**REMEDATION WORKPLAN (Cont.)**

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: 12/21/2011 Date Site Investigation Completed: in progress Date Remediation Plan Submitted: \_\_\_\_\_  
Remediation Start Date: pending approval Anticipated Completion Date: pending approval 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 JOHNSON Signed: Dolena Johnson  
Title: REGULATORY COMPLIANCE TECHNICIAN Date: 05/07/2012

OGCC Approved: [Signature] Title: FOR Chris Canfield Date: 05/11/2012  
#PS NW Region