

State of Colorado
Oil and Gas Conservation Commission



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#7378

FOR OGCC USE ONLY

RECEIVED
10/26/2012

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.

OGCC Employee:

Spill Complaint
 Inspection NOAV
Tracking No: 2230945

CAUSE OF CONDITION BEING INVESTIGATED AND REMEDIATED

Spill or Release Plug & Abandon Central Facility Closure Site/Facility Closure Other (describe): _____

OGCC Operator Number: <u>44350</u>	Contact Name and Telephone: <u>Kelly Krattenmaker</u>
Name of Operator: <u>J-W Operating</u>	No: <u>303-422-4990</u>
Address: <u>7074 S. Revere Pkwy</u>	Fax: <u>303-422-0178</u>
City: <u>Centennial</u> State: <u>CO</u> Zip: <u>80112</u>	
API Number: <u>05-081-06242</u> County: <u>Moffat</u>	
Facility Name: <u>Big Hole</u> Facility Number: <u>430552</u>	
Well Name: <u>Big Hole Federal</u> Well Number: <u>05-081-06242</u>	
Location: (QtrQtr, Sec, Twp, Rng, Meridian): <u>NE NW 14 10N 94W</u> Latitude: <u>N40.833447</u> Longitude: <u>107.916313</u>	

TECHNICAL CONDITIONS

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

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.): Dry land cattle grazing

Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: Mixed clay, sand, silt

Potential receptors (water wells within 1/4 mi, surface waters, etc.): None

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>1300-1500 cubic yards of soil</u>	<u>Visual examination</u>
<input checked="" type="checkbox"/> Vegetation	<u>Grasses and a few willow shrubs</u>	<u>Visual examination</u>
<input type="checkbox"/> Groundwater	_____	_____
<input type="checkbox"/> Surface Water	_____	_____

REMEDIATION WORKPLAN

Describe initial action taken (if previously provided, refer to that form or document):
Release into flow line was stopped immediately upon discovery

Describe how source is to be removed:
All contaminated soil was excavated and piled, on a pit line, at a nearby location.

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.:
Soil will either be treated via remediation with chemical or biological agents or it will be disposed at a nearby landfill (Milner Landfill)



Tracking Number: _____ Name of Operator: _____ OGCC Operator No: NW Operatives Received Date: _____ Well Name & No: 081 06242 (originating pipeline) Facility Name & No: BIG HOLE 13-1 / Facility # 430552

REMEDIATION WORKPLAN (Cont.)

OGCC Employee: _____

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

Ground water was not impacted

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.

The excavation was filled in and the area was reseeded on May 11th. A remediation work plan was submitted by Trihydro Corporation on 10/1/2012.

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:

The site will be examined at monthly intervals to be certain that the reseeding effort was successful. The affected area will be deemed complete when a 75% vegetative cover is determined to exist.

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

All contaminated soil will either be remediated or placed into a qualified landfill. The Milner landfill is under investigation for potential final disposition of this soil.

IMPLEMENTATION SCHEDULE

Table with 3 columns: Date Site Investigation Began, Date Site Investigation Completed, Date Remediation Plan Submitted, Remediation Start Date, Anticipated Completion Date, 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: Rolin Geronsin Signed: [Signature] Title: Regional Compliance Date: 7/13/12

OGCC Approved: [Signature] Title: FOR Chris Canfield Date: 10/26/2012 EPS NW Region