

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



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COGCC

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): Surface Restoration of Pit closed in 1979

OGCC Operator Number: 31257

Name of Operator: Fritzler Resources, Inc.

Address: 300 East Burlington St.

City: Fort Morgan State: CO Zip: 80701

Contact Name and Telephone:

Gene Fritzler

No: 970-867-9388

Fax: 866-437-4804

API Number: 0500105542

County: Adams

Facility Name: 200505

Facility Number:

Well Name:

Well Number:

Location: (QtrQtr, Sec, Twp, Rng, Meridian): SE NE Sec 12 T1S R 58W

Latitude: Longitude:

TECHNICAL CONDITIONS

Type of Waste Causing Impact (crude oil, condensate, produced water, etc): Sodic Soils Within the Former Simpson "A" Pit area

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 Farming

Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: Clay Loam

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):

☒ Soils☒ Vegetation☐ Groundwater☐ Surface Water

Extent of Impact:

NOAV 11/01/02 to Beren and 12/10/03 to FRI

Native prairie grasses

NA

NA

How Determined:

Site Visit

Visual

State Eng. Permit Files

Visual

REMEDIAL WORKPLAN

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

Preparation and Submittal of the "Site Investigation and Reclamation Work Plan for the Historic Simpson Pit" (Work Plan) attached hereto.

Describe how source is to be removed:

Source removal will be contingent on the results of the Sampling and Analysis Plan (SAP) developed and discussed in detail in the attached Work Plan.

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.:

Remedial actions will be contingent on results of the SAP discussed in the attached Work Plan. If remedial actions are necessary, preferred treatments include land treatment on site, incorporation of soil ammendments, and bioremediation, and phytoremediation. Refer to the detailed scope of work discussed in the Work Plan.

Submit Page 2 with Page 1



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REMEDIATION WORKPLAN (Cont.)

Tracking Number: _____
Name of Operator: _____
OGCC Operator No: _____
Received Date: _____
Well Name & No: _____
Facility Name & No: _____

OGCC Employee: _____

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

NA

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 reclamation plan proposed for the closed historic pit in Sec. 12 will be approached in phases as summarized below and as described in detail in the Work Plan.

1. Site Characterization
 - a. Sampling
 - b. Analysis
2. Review of available reclamation options
3. Implementation of selected option
4. Performance monitoring and site reviews
5. Final Report
6. Final Reclamation Inspection

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:

See NOAVs and SAP in the attached Work Plan.

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

Based on the results of the SAP described in the Work Plan the most cost effective and the most appropriate treatment of the closed historic Simpson pit will be determined. It is premature at this time to determine the most appropriate disposition of impacted soils, if any. Natural (passive) or in-situ treatment using a number of potential treatment options or combination of options will be the focus unless the results of the SAP suggests that other treatment options are necessary.

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: <u>June 1, 2004</u>	Date Site Investigation Completed: <u>TBD</u>	Date Remediation Plan Submitted: <u>April 1, 2004</u>
Remediation Start Date: <u>TBD</u>	Anticipated Completion Date: <u>TBD</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: Gene Fritzler, PE

Signed: ✓

Title: V.P. Fritzler Resource, Inc.

Date: March 31, 2004

Digitally signed by Gene Fritzler
DN: cn=Gene Fritzler, c=US
Date: 2004.03.31 10:13:08
CTIME

OGCC Approved: Randall H. Ferguson

Title: EPS

Date: 4/20/04

* TEPH and Metals analyses are not necessarily required and are voluntary. Nutrient analyses may be deferred until after a reclamation process has been approved.