

State of Colorado Oil and Gas Conservation Commission

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#8332

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 4/9/2014

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): Oil in drilling pit. Closure of pit

OGCC Operator Number: <u>95245</u>	Contact Name and Telephone: <u>Paul Noble</u>
Name of Operator: <u>Wellstar Corporation</u>	No: <u>303-280-4515</u>
Address: <u>11990 Grant Street</u>	Fax: <u>303-280-4523</u>
City: <u>Northglenn</u> State: <u>CO</u> Zip: <u>80233</u>	
API Number: <u>05-057-06476-02-51</u>	County: <u>Jackson Cty, CO</u>
Facility Name: <u>Three Rivers Unit</u>	Facility Number: <u>#10-2H</u>
Well Name: <u>Three Rivers Unit</u>	Well Number: <u>#10-2H</u>
Location: (QtrQtr, Sec, Twp, Rng, Meridian): <u>sene Sec 10, T8N R78W</u> Latitude: <u>40.680273</u> Longitude: <u>106.125389</u>	

TECHNICAL CONDITIONS

Type of Waste Causing Impact (crude oil, condensate, produced water, etc.): Crude Oil

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.): Open Range

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

Potential receptors (water wells within 1/4 mi, surface waters, etc.): N/A

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>Stained soil removed, and surface soil pushed</u>	<u>Visual</u>
<input type="checkbox"/> Vegetation	<u>into drilling pit</u>	
<input type="checkbox"/> Groundwater		
<input type="checkbox"/> Surface Water		

REMEDIALATION WORKPLAN

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

The drilling pit was reclaimed by hauling the pit liner and cuttings to the Waste Management landfill in Ault, Colorado. Two separate manifests were used for the pit liner and the cuttings and surface soil.
 ** See Form 27 (Dated 12-27-2013)

Describe how source is to be removed:

Source removed to the Waste Management landfill located in Ault, Colorado.

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.:

Four soil samples at the listed depths will be taken from the drilling pit location in April, See attached map for location. One of these samples will be designated from the pit bottom. Soil analysis will be performed in accordance with Table 910-1 on all samples.



REMEDIAL 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.):

Wellstar did not encounter any ground water with the construction of the drilling pit. There is no indication that the impacted soils were ever in contact with ground water.

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.

Soil analysis will be performed on the four samples based on the Table 910-1. In June, Wellstar will determine what additional reclamation, including possible seed mix, will be required. Any additional work will be performed in the summer months.

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.):

IMPLEMENTATION SCHEDULE

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: Paul Noble Signed: Paul Noble
Title: Vice President of Operations Date: 09 April 2014

OGCC Approved: Kris Neidel Title: EPS - NW Area Date: 4/11/2014

Three Rivers Unit 10-2H

