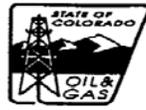


State of Colorado  
Oil and Gas Conservation Commission

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



FOR OGCC USE ONLY  
 Received 8/30/2014  
 Document #2614823  
 Project No. 8518

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

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Spill       Complaint  
 Inspection       NOAV

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Tracking No: 2145522

**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): \_\_\_\_\_

**GENERAL INFORMATION**

<b>OGCC Operator Number:</b> 10112	Contact Name and Telephone
Name of Operator: <u>Foundation Energy Management</u>	Name: <u>Rachel Eisterhold</u>
Address: <u>16000 Dallas Parkway, Suite 875</u>	No: <u>(918) 585-1650 x212</u>
City: <u>Dallas</u> State: <u>TX</u> Zip: <u>75248</u>	Fax: <u>(918) 585-1660</u>
API/Facility No: <u>05-123-10637</u>	County: <u>Weld</u>
Facility Name: <u>Sooner Unit 10-28</u>	Facility Number: _____
Well Name: <u>Sooner Unit 10-28</u>	Well Number: <u>Sooner Unit 10-28</u>
Location (QtrQtr, Sec, Twp, Rng, Meridian): <u><del>SENE S5 T5N R65W</del> NWSE 28 T8N R58W</u>	Latitude: <u><del>40.430227</del> 40.64096</u> Longitude: <u><del>-104.679919</del> -103.86332</u>

**TECHNICAL CONDITIONS**

Type of Waste Causing Impact (crude oil, condensate, produced water, etc.): 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.): Oil and Gas Production, Livestock

Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: Fine-medium grained sand

Potential receptors (water wells within 1/4 mi, surface waters, etc.): Surface water is located approximately 2800' west of the tank battery, a residential building is approximately 480' northeast, a water well is approximately 3600' north, and depth to shallowest groundwater is greater than 5 feet bgs.

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>Refer to the attached Figure 2 and Table 1.</u>	<u>Excavation and soil sampling</u>
<input type="checkbox"/> Vegetation	_____	_____
<input type="checkbox"/> Groundwater	_____	_____
<input type="checkbox"/> Surface water	_____	_____

**REMEDIATION WORKPLAN**

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

A Form 19 was submitted on July 19, 2013. COGCC has assigned spill tracking number 2145522 for this location. A topographic map of the site is included as Figure 1.

Describe how source is to be removed:

The area adjacent to the flowline release was excavated and impacted material was transported and disposed of at the Waste Management authorized disposal facility 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.:

Impacted soil was removed during excavation activities. Confirmation soil sampling indicates that impacted soil was removed from within the excavation extents. Groundwater was not encountered in the excavation.

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Tracking Number: 2145522
Name of Operator: Foundation Energy Management
OGCC Operator No: 10112
Received Date: 8/30/2014
Well Name & No: Sooner Unit 10-28
Facility Name & No.: Sooner Unit 10-28

REMEDIATION WORKPLAN (CONT.)

OGCC Employee: R. Allison

If groundwater has been impacted, describe proposed monitoring plan (# of wells or sample points, sampling schedule, analytical methods, etc.):
Groundwater was not encountered during excavation activities.

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 area where the excavation occurred is in a field adjacent to the tank battery. The excavation has been backfilled and compacted with clean material, the ground surface contoured to match pre-existing conditions, and will be reseeded as discussed with the surface landowner.

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 [x] N If yes, describe:
No further Site investigation is required, based on the soil sample analytical concentrations for BTEX and TPH at the excavation extents, which were below the Table 910-1 standard. Please see the attached sheet for supplementary information on soil sampling activities. The soil sample locations are illustrated on Figure 2. Soil analytical results are summarized in Table 1.

Final disposition of E&P waste (landtreated and disposed onsite, name of licensed disposal facility, recycling, reuse, etc.):
Waste was disposed of at the Waste Management facility in Ault, CO.

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: 07/19/2013 Date Site Investigation Completed: 08/15/2013 Remediation Plan Submitted:
Remediation Start Date: Anticipated Completion Date: NA Actual Completion Date: TBD

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

Print Name: Rachel Eisterhold

Signed: Title: Date:

OGCC Approved: Title: Northeast EPS Date: 7/8/2014

Conditions of Approval: See attached Conditions of Approval - COGCC Document #2614824