

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



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

FOR OGCC USE ONLY

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

OGCC Operator Number: <u>27742</u>	Contact Name and Telephone: <u>Steve Bugni</u>
Name of Operator: <u>EOG Resources, Inc.</u>	No: <u>307-235-7124 (w) 307-251-6728 (cell)</u>
Address: <u>600 17th St. Ste 1100N</u>	Fax: _____
City: <u>Denver</u> State: <u>CO</u> Zip: <u>80202</u>	

API Number: <u>05-123-31333</u>	County: <u>Weld</u>
Facility Name: <u>Randall Creek 2-29H</u>	Facility Number: <u>415877</u>
Well Name: <u>Randall Creek 2-29H</u>	Well Number: _____
Location: (QtrQtr, Sec, Twp, Rng, Meridian): <u>SE/SE, 29, 12N, 62W, 6</u> Latitude: <u>40.974860</u> Longitude: <u>-104.337018</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.): Dry land farming

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

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>40'x15'x3" Inside production secondary containment</u>	<u>Visually and with analytical 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):

Refer to Form 19. Contaminated soils were excavated to the extent possible, and disposed of at Waste Management North Weld Landfill in Ault, CO. A hot oiler was then used to fresh hot water wash the affected area.

**Describe how source is to be removed:**

The source of the spill was a leaking treater firetube. The firetube has been replaced and the facility has returned to operation. 72 cubic yards of contaminated soils were excavated and disposed.

**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.:

Remaining impacted soils will be remediated by insitu bioremediation. The affected area was exposed to air and weather for approximately 2 months before backfilling with clean soil to return the facility safely to production. Normal weather conditions and warmer temperatures throughout the summer season will facilitate bioremediation. The affected area is approximately 3" thick based on a visual assessment during followup samples which determined the vertical extents of contamination. At the end of the summer, confirmation samples will be collected to determine if remediation is complete.



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

**REMEDIATION WORKPLAN (Cont.)**

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

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

N/A

**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.

N/A. No reclamation occurring at this time. The facility is in active production.

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:

Refer to Form 19 for investigative sampling results.

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

72 cubic yards of contaminated soils have been disposed at Waste Management North Weld Landfill in Ault, CO. Remaining waste will be remediated by bioremediation.

**IMPLEMENTATION SCHEDULE**

Date Site Investigation Began: 3/16/2016 Date Site Investigation Completed: 5/31/2016 Date Remediation Plan Submitted: 5/31/2016  
Remediation Start Date: 3/16/2016 Anticipated Completion Date: 8/31/2016 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: Steve Bugni Signed: *Steve Bugni*  
Title: Environmental Tech Date: May 31, 2016

OGCC Approved: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_