

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: 2606690

CAUSE OF CONDITION BEING INVESTIGATED AND REMEDIATED

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

OGCC Operator Number: <u>10120</u>	Contact Name and Telephone: <u>Marty Faraguna</u>
Name of Operator: <u>Noble Energy, Inc.</u>	No: <u>303-785-5000</u>
Address: <u>804 Grand Avenue</u>	Fax: <u>303-785-5099</u>
City: <u>Platteville</u> State: <u>CO</u> Zip: <u>80651</u>	
API Number: <u>05-123-11347</u> County: <u>Weld</u>	
Facility Name: <u>McClellan 3-1, 3-32, 3-35 Tank Battery</u> Facility Number: _____	
Well Name: <u>McClellan</u> Well Number: <u>3-32</u>	
Location: (QtrQtr, Sec, Twp, Rng, Meridian): <u>NESW, 3, 4N, 65W, 6</u> Latitude: <u>40.340182</u> Longitude: <u>-104.655964</u>	

TECHNICAL CONDITIONS

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

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.): agricultural

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

Potential receptors (water wells within 1/4 mi, surface waters, etc.): water well 500 feet, surface water 200 feet

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>65' X 55' X 4'</u>	<u>excavation</u>
<input type="checkbox"/> Vegetation	_____	_____
<input checked="" type="checkbox"/> Groundwater	<u>unknown</u>	_____
<input type="checkbox"/> Surface Water	_____	_____

REMEDIATION WORKPLAN

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

Production was ceased to assess and remediate the impacted soils and groundwater.

Describe how source is to be removed:

Impacted soil and groundwater was removed via excavation. Groundwater impacts will be assessed by well installation and sampling in the near future.

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.:

During excavation activities a groundwater amendment was applied to the base of the excavation to aid in groundwater remediation. Post-remediation well installation will be conducted to assess the potential for residual groundwater impacts.



Tracking Number:	_____
Name of Operator:	_____
OGCC Operator No:	_____
Received Date:	_____
Well Name & No:	McClellan 3-32
Facility Name & No:	McClellan 3-1, 3-32, 3-35 Tank Battery

REMEDIATION WORKPLAN (Cont.)

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

Groundwater will be monitored until four consecutive quarters of results in compliance with COGCC standards are achieved.

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 contained to the tank battery and lease area. The area will be re-constructed as a tank battery with the appropriate road-base material.

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:

Groundwater monitoring wells will be installed to assess the potential for residual groundwater impacts.

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

Impacted soils were removed and transported to the Buffalo Ridge Landfill.

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: <u>5/6/10</u>	Date Site Investigation Completed: <u>6/4/10</u>	Date Remediation Plan Submitted: <u>5/28/10</u>
Remediation Start Date: <u>6/1/10</u>	Anticipated Completion Date: <u>8/20/10</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: Marty Faraguna

Signed: Marty Faraguna

Title: Environmental Specialist

Date: 7/26/10

OGCC Approved: _____ Title: EPS Date: 7/27/2010