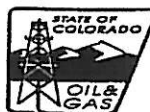


## State of Colorado

## Oil and Gas Conservation Commission

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



FOR OGCC USE ONLY

## 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): \_\_\_\_\_

OGCC Employee:

☒ Spill ☐ Complaint☐ Inspection ☐ NOAV

Tracking No: 2606684

## GENERAL INFORMATION

OGCC Operator Number: 10120

Name of Operator: Noble Energy Inc.

Address: 804 Grand Avenue

City: Platteville State: CO Zip: 80651

Contact Name and Telephone

Marty Faraguna

No: 970-785-5000

Fax: 970-785-5099

API/Facility No: 05-123-12728

Facility Name: Romero, Angelina 1,2

Well Name:

County: Weld

Facility Number:

Well Number:

Location (QtrQtr, Sec, Twp, Rng, Meridian): NW/NW Sec.3, T4N, R65W

Latitude: 40.342 Longitude: 104.658

## 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.): pasture

Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: topsoil underlain by sand and gravel

Potential receptors (water wells within 1/4 mi, surface waters, etc.): S. Branch Union Ditch, Lower Latham Reservoir

Description of Impact (if previously provided, refer to that form or document):

Impacted Media (check):

☒ Soils☐ Vegetation☒ Groundwater☐ Surface water

Extent of Impact:

within location boundary and ~ 10 feet north

On location with contamination extending north

How Determined:

Actual excavation with photoionization detector and lab data

Monitoring wells

## REMEDIALATION WORKPLAN

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

see Form 19

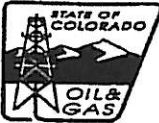
Describe how source is to be removed: Excavation

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.:

Excavate contaminated soil and transport for disposal to Waste Management's Buffalo Ridge landfill in Keenesburg, Colorado

FORM  
27  
Rev 6/99

State of Colorado  
Oil and Gas Conservation Commission  
1120 Lincoln Street, Suite 801, Denver, Colorado  
(303) 894-2100 Fax 894-2109



Tracking Number: \_\_\_\_\_  
Name of Operator: Noble Energy Inc.  
OGCC Operator No: 10120  
Received Date: \_\_\_\_\_  
Well Name & No: \_\_\_\_\_  
Facility Name & No.: Romero, Angelina 1,2

Page 2

REMEDATION WORKPLAN (CONT.)

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

If groundwater has been impacted, describe proposed monitoring plan (# of wells or sample points, sampling schedule, analytical methods, etc.):  
Nine monitoring wells were installed during the investigation phase to determine the magnitude and extent of soil and ground water contamination. An unknown number of these monitoring wells will be destroyed during excavation of contaminated soil. An undetermined number of the remaining wells will be used to monitor ground water quality on a quarterly basis until four quarters of data indicate that petroleum constituents are less than the COGCC's criteria.

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.  
Based on the data from the soil borings and ground water wells, Noble will excavate the soil contamination from this site. Any surface damage to the pasture to the north will be recontoured and reseeded. The soil on the location will be brought back to its current elevation.

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.):  
Contaminated soil will be transported to Waste Management's Buffalo Ridge landfill in Keenesburg, Colorado

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: \_\_\_\_\_  
Remediation Start Date: 10/13/2010

Date Site Investigation Completed: \_\_\_\_\_  
Anticipated Completion Date: 10/24/2010

Remediation Plan Submitted: \_\_\_\_\_  
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: Marty Faraguna

Signed: Marty Faraguna Title: Environmental Specialist Date: October 15, 2010

OGCC Approved: \_\_\_\_\_ Title: EPS Date: 10/20/2010