

## 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: 1943837

## GENERAL INFORMATION

OGCC Operator Number: 10120		Contact Name and Telephone	
Name of Operator: Noble Energy Inc.		Marty Faraguna	
Address: 804 Grand Avenue		No: 970-785-5000	
City: Platteville State: CO Zip: 80651		Fax: 970-785-5099	
API/Facility No: 05-123-11309		County: Weld	
Facility Name: Dinnel 1,3		Facility Number: _____	
Well Name: _____		Well Number: _____	
Location (QtrQtr, Sec, Twp, Rng, Meridian): SW/NW Sec.26, T4N, R64W		Latitude: _____ Longitude: _____	

## TECHNICAL CONDITIONS

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

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

Potential receptors (water wells within 1/4 mi, surface waters, etc.): well (permit 5848R) 490', well (permit 94161VE) 680'

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

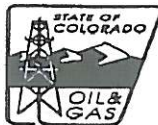
Impacted Media (check):	Extent of Impact:	How Determined:
<input checked="" type="checkbox"/> Soils	approx. 20' x 30' x 8'	Visual; Hanby Kit was used during excavation to determine extent of impact
<input type="checkbox"/> Vegetation	_____	_____
<input type="checkbox"/> Groundwater	_____	_____
<input type="checkbox"/> Surface water	_____	_____

## REMEDIATION WORKPLAN

Describe initial action taken (if previously provided, refer to that form or document):  
 see form 19

Describe how source is to be removed: Impacted soil was excavated and hauled to the Buffalo Ridge landfill in Weld County. Field kit analysis (Hanby Kit) was used to determine the extent of impact.

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 excavated and hauled to the Buffalo Ridge landfill in Weld County.



Tracking Number: \_\_\_\_\_  
Name of Operator: Noble Energy Inc.  
OGCC Operator No: 10120  
Received Date: \_\_\_\_\_  
Well Name & No: \_\_\_\_\_  
Facility Name & No.: Dinnel 1,3

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.

Excavated soil was hauled off and clean fill was installed in the excavated area. Previously existing grade was re-established.

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:

N/A

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

All excavated soil was disposed of at the Buffalo Ridge landfill in Weld County.

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: <u>3/19/2009</u>	Date Site Investigation Completed: _____	Remediation Plan Submitted: <u>3/31/2009</u>
Remediation Start Date: <u>3/23/2009</u>	Anticipated Completion Date: _____	Actual Completion Date: <u>3/25/2009</u>

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: March 31, 2009

OGCC Approved: \_\_\_\_\_ Title: EPS Date: 6/14/2010