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Denver, CO 80202



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North America Division

October 12, 2011

Chris Canfield, P.G.
Environmental Protection Specialist, Northwest Region
Colorado Oil & Gas Conservation Commission
707 Wapiti Court
Suite 204
Rifle, CO 81650

RE: **Spill Release Tracking # 2216372**
Double B Ranch #18-44 (Rulison 17M Pad)
Form 27
NWSE Sec. 17 T7S R94W
Garfield County, Colorado

Dear Mr. Canfield:

Please see the attached Form 27 and laboratory data for a release that occurred on September 19, 2011.

Noble Energy would like to claim business confidentiality protection for the information submitted in this letter, the supporting materials attached and all previous and subsequent correspondence related to this matter.

If you require any additional information please contact Ryan Bruner 303-228-4158.

Sincerely,

NOBLE ENERGY, INC.

A handwritten signature in blue ink, appearing to read 'R. Bruner', with a long horizontal stroke extending to the right.

Ryan Bruner
Environmental Coordinator

Attachments

State of Colorado
Oil and Gas Conservation Commission



#6606

FOR OGCC USE ONLY

RECEIVED
10/12/2011

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

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: **2216372**

CAUSE OF CONDITION BEING INVESTIGATED AND REMEDIATED

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

OGCC Operator Number: 10322	Contact Name and Telephone: Ryan Bruner
Name of Operator: Noble Energy Inc.	No: 303-228-4158
Address: 1625 Broadway, Suite 2200	Fax: 303-228-4286
City: Denver State: CO Zip: 80202	
API Number: 05-045-18782	County: Garfield
Facility Name: NA	Facility Number: NA <i>Location ID # 414152</i>
Well Name: Double B Ranch <i>SW SW</i>	Well Number: 18-44A
Location: (QtrQtr, Sec, Twp, Rng, Meridian): <i>NWSE</i> Sec. 17 T7S R94W 6th PM	Latitude: 39.433462 Longitude: -107.917815

Cal **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.): non irrigated rangeland

Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: Morvall-Tridell Complex, 6-25 degree slopes

Potential receptors (water wells within 1/4 mi, surface waters, etc.): Cottonwood Creek, Cache Creek

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	See form 19	Visually
<input type="checkbox"/> Vegetation	NA	NA
<input type="checkbox"/> Groundwater	NA	NA
<input type="checkbox"/> Surface Water	NA	NA

REMEDIATION WORKPLAN

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

Transfer pumps were shut down immediately upon discovery. Vac truck recovered standing water. ECOS Environmental was contacted and soil samples were taken in area of release. See form 19.

Describe how source is to be removed:

Transfer pumps were shut down immediately. See form 19.

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.:

Analytical results for samples WC1-A, WC1-B indicate DRO, SAR and EC exceed COGCC 910-1 standards. Impacted soil will be removed and landfarmed on the lower drilling pad. Analytical results for samples WC2-A through WC5-A, in the borrow ditch, indicate SAR and EC exceed COGCC 910-1 standards. These impacts will be remediated by natural flushing of stormwater through the borrow ditch system. Stormwater BMP's have been cleaned and/or replaced to prevent any further contaminant migration.

FORM
27
Rev 6/99

State of Colorado
Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801, Denver, Colorado 80203
(303)894-2100 Fax:(303)894-2109



Tracking Number: _____
Name of Operator: _____
OGCC Operator No: _____
Received Date: _____
Well Name & No: Double B Ranch 18-44A
Facility Name & No: _____

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REMEDIATION WORKPLAN (Cont.)

OGCC Employee: _____

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

Groundwater was not encountered during site assessment.

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.

Impacted soils on pad will be excavated and removed for landfarming onsite. ECOS Personnel will inspect area with PID to determine levels of volatile organic compounds and direct excavation. The pad will be backfilled with clean fill.

Offsite impact was limited to the borrow ditch and stormwater BMP's. Noble has removed sediment from settling ponds and replaced rock check dams. Analytical results show GRO-DRO and BTEX in the borrow ditch are below detection limits or below COGCC 910-1 standards. Increased SAR and EC levels in the borrow ditch will be mitigated by natural flushing through the stormwater BMP system.

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:

Noble will monitor SAR and EC levels in the stormwater system next spring to ensure levels meet 910-1 requirements.

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

Petroleum contaminated soils will be landfarmed onsite at the lower drilling pad. The recovered produced water has been placed into Noble produced water tanks for reuse or disposal. Sediment from the stormwater settling ponds and rock check dams has been disposed of at the Garfield County Landfill.

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: 9/19/2011 Date Site Investigation Completed: 10/5/11 Date Remediation Plan Submitted: _____
Remediation Start Date: upon approval Anticipated Completion Date: TBD 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: Ryan Bruner Signed: [Signature]
Title: Environmental Coordinator Date: 10-12-11

OGCC Approved: [Signature] Title: FOR Chris Camfield Date: 10/27/2011
EPS NW Region

COA:
1) Keep COGCC informed of remediation progress
2) Notify COGCC of completion, so that remediation project can be closed.