

1625 Broadway  
Suite 2200  
Denver, CO 80202  
  
Tel: 303.228-4000  
Fax: 303.228-4280  
www.nobleenergyinc.com



October 31, 2012

Mr. Steve Lindblom  
Department Of Natural Resources  
Oil & Gas Conservation Commission  
1120 Lincoln St., Suite 801  
Denver CO 80203-2136

RE: Form 27 and No Further Action Request  
Ulrich PC G21-28 Tank Battery  
API 05-123-35274  
Facility#327055  
SWNE Sec. 21, T4N R64W  
Weld County, Colorado

Dear Mr. Lindblom:

Please find attached a Form 27 and No Further Action Request for the Ulrich PC G21-28 Tank Battery.

Noble Energy Inc. 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. Please contact the Noble Energy Environmental Department at (720)587-2026 if you have any questions or require additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Jacob E'.

Jacob Evans  
Senior Environmental Specialist

Attachments

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

Received  
10/31/2012

## 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:

R. Allison

☒ Spill ☐ Complaint  
☐ Inspection ☐ NOAV

Tracking No: 2231064

## GENERAL INFORMATION

OGCC Operator Number: 10120		Contact Name and Telephone	
Name of Operator: Noble Energy Inc.		Jacob Evans	
Address: 2115 117th Ave		No: 720-587-2026	
City: Greeley State: CO Zip: 80634		Fax: 303-228-4280	
API/Facility No: <del>05-123-35274</del> 428192		County: Weld	
Facility Name: Ulrich PC G21-28D Tank		Facility Number: <del>327055</del>	
Well Name: <del>Ulrich PC</del>		Well Number: <del>G21-28</del>	
Location (QtrQtr, Sec, Twp, Rng, Meridian): SWNE Sec. 21, 4N, 65W		Latitude: <del>40.30019</del> 40.2999 Longitude: <del>-104.66587</del> -104.66786	

## 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: \_\_\_\_\_ Vona Loamy Sand

Potential receptors (water wells within 1/4 mi, surface waters, etc.): \_\_\_\_\_ Water well 1360' northeast; Plattevalley Canal 1788' east

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	90 cu yds of impacted soils	Hanby field soil test kit was used during excavation to guide the direction of the excavation. Soil samples were gathered and sent to eAnalytical Lab to be analyzed for BTEX and TPH.
<input type="checkbox"/> Vegetation		Analytical lab data and sample location map is attached.
<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.

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.: \_\_\_\_\_  
Excavated soil was hauled to the Buffalo Ridge Land fill, Keenesburg, CO. for disposal.





# REMEDIATION WORKPLAN (CONT.)

OGCC Employee: R. Allison

Tracking Number: 2231064  
Name of Operator: Noble Energy Inc.  
OGCC Operator No: 10120  
Received Date: 10/31/2012  
Well Name & No: Ulrich PC G21-28  
Facility Name & No.: Ulrich PC G21-28

If groundwater has been impacted, describe proposed monitoring plan (# of wells or sample points, sampling schedule, analytical methods, etc.):  
N/A; No groundwater present in excavation

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, the site was backfilled, compacted and recontoured to preexisting grade with clean soils. The site will remain as an oil and gas production gathering facility. Soil analytical lab data and sample location map are attached.

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 Energy Inc. requests a No Further Action for this site

Final disposition of E&P waste (landtreated and disposed onsite, name of licensed disposal facility, recycling, reuse, etc.):  
All impacted soils were taken to the Buffalo Ridge Land fill, Keenesburg, CO. for proper disposal.

## IMPLEMENTATION SCHEDULE

Date Site Investigation Began: <u>10/18/2012</u>	Date Site Investigation Completed: <u>10/18/2012</u>	Remediation Plan Submitted: <u>10/23/2012</u>
Remediation Start Date: <u>10/18/2012</u>	Anticipated Completion Date: <u>10/18/2012</u>	Actual Completion Date: <u>10/18/2012</u>

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

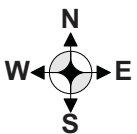
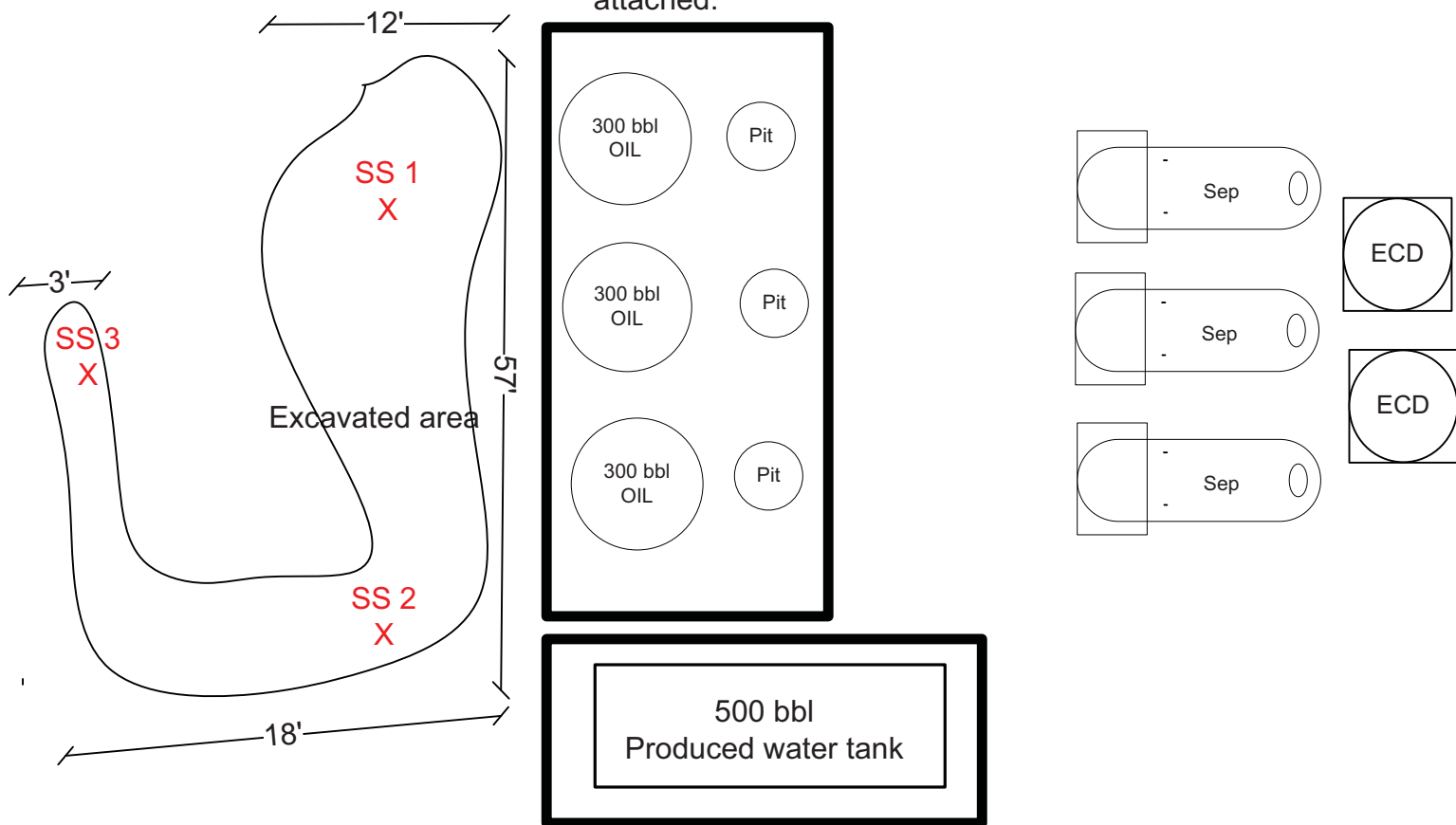
Print Name: Jacob Evans

Signed: Jacob Evans Title: Senior Environmental Specialist Date: October 31, 2012

OGCC Approved: Richard Allison Title: Location Specialist Date: 11/28/2012

\*No Further Action is required at this time. See Correspondence Doc#200370945

3 soil samples gathered from release area at a depth of approximately 6".  
Samples will be tested for BTEX, TPH DRO & TPH GRO at eAnalytical Lab in Loveland, CO. Lab data results are attached.



noble  
energy

NOT TO  
SCALE

Ulrich PC G21-28

# Certificate of Analysis



October 23, 2012

Client: Noble Energy  
1625 Broadway # 2200  
Denver, CO 80202

Project: Ulrich PL G21-28

Lab ID: 101803

Date Received: 10/19/12

Number of Samples Received: 3

Sample Condition: Samples arrived intact and in appropriate sample containers

Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

Analysis	EPA Method	Sample Number on COC
BTEX	8260C	1 - 3
TPH - GRO/DRO	8260C/8015C	1 - 3

All quality control analyses associated with the requested analyses were satisfactorily passed before the samples were run. If you have any questions please give us a call, we are happy to help.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you, we truly appreciate your business.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Dieken".

Christopher Dieken  
Quality Assurance Manager  
eAnalytics Laboratory  
(970) 667-6975  
info@eAnalyticsLab.com



A2LA & Department of Defense (DoD) Certified







**eANALYTICS**  
LABORATORY

October 23, 2012

Project: Ulrich PL G21-28

Lab ID: 101803

EPA Method: 8260C      BTEX

[illegible]

Todd Rhea

Laboratory Manager - eAnalytics Laboratory



# Certificate of Analysis

Quality Control  
Analysis



October 23, 2012

Client: Noble Energy  
1625 Broadway # 2200  
Denver, CO 80202

Project: Ulrich PL G21-28

Lab ID: 101803

Matrix: SOIL  
Batch ID: EA 10-22-12

EPA Method: 8260C BTEX  
8260C/8015C TPH - GRO/DRO

Sample Name	Benzene % Rec	Toluene % Rec	Ethyl - Benzene % Rec	Total Xylenes % Rec	GRO C <sub>6</sub> -C <sub>10</sub> % Rec	DRO C <sub>10</sub> -C <sub>28</sub> % Rec	Date Analyzed	Lab ID
Laboratory Control Sample (Acceptable 70-130%)	92	101	105	93	104	100	10/22/12	L 10-22-12
Calibration Verification (Acceptable 80-120%)	91	96	98	90	91	101	10/22/12	C 10-22-12
Reagent Blank	< 0.01 mg/kg	< 0.01 mg/kg	< 0.01 mg/kg	< 0.01 mg/kg	< 50 mg/kg	< 50 mg/kg	10/22/12	RB 10-22-12

*Todd Rhea*

Laboratory Manager - eAnalytics Laboratory