

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

Received 10/7/2013
Document 2142810

SPILL/RELEASE REPORT

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

Spill report taken by:

FACILITY ID:

OPERATOR INFORMATION

Name of Operator: _____ OGCC Operator No: _____	Phone Numbers No: _____ Fax: _____ E-Mail: _____
Address: _____	
City: _____ State: _____ Zip: _____	
Contact Person: _____	

DESCRIPTION OF SPILL OR RELEASE

Date of Incident: _____ Facility Name & No.: _____	County: _____
Type of Facility (well, tank battery, flow line, pit): _____	QtrQtr: _____ Section: _____
Well Name and Number: _____	Township: _____ Range: _____
API Number: _____	Meridian: _____

Specify volume spilled and recovered (in bbls) for the following materials:

Oil spilled: _____ Oil recov'd: _____ Water spilled: _____ Water recov'd: _____ Other spilled: _____ Other recov'd: _____

Ground Water impacted? Yes No

Surface Water impacted? Yes No

Contained within berm? Yes No

Area and vertical extent of spill: _____x_____

Current land use: _____ Weather conditions: _____

Soil/geology description: _____

IF LESS THAN A MILE, report distance **IN FEET** to nearest.... Surface water: _____ wetlands: _____ buildings: _____

Livestock: _____ water wells: _____ Depth to shallowest ground water: _____

Cause of spill (e.g., equipment failure, human error, etc.): _____ Detailed description of the spill/release incident: _____

CORRECTIVE ACTION

Describe immediate response (how stopped, contained and recovered):

Describe any emergency pits constructed:

How was the extent of contamination determined:

Further remediation activities proposed (attach separate sheet if needed):

Describe measures taken to prevent problem from reoccurring:

OTHER NOTIFICATIONS

List the parties and agencies notified (County, BLM, EPA, DOT, Local Emergency Planning Coordinator or other).

Date	Agency	Contact	Phone	Response

Spill/Release Tracking No: 2142810

VESSELS MINERAL E1 BATTERY (Facility ID # 335664) – FORM 19 – NARRATIVE DOCUMENT

Date of Incident – 10/06/2013

Detailed description of the spill/release incident:

On the afternoon of Sunday, October 6th, 2013 the produced water tank at the Vessels Mineral E1 battery cracked the base near the inlet valve resulting in a 47 BBL produced water spill within secondary containment. The lease operator was immediately alerted through the remote SCADA system.

Describe immediate response (how stopped, contained and recovered):

The wells were remotely shut-in, a vacuum truck was dispatched to the site to remove standing fluids from within secondary containment and remaining fluids from within the tank, and a construction crew was sent to the site to investigate the cause of the release.

Describe any emergency pits constructed:

NA

How was the extent of contamination determined?:

The produced water tank was removed and soils from under the tank were screened utilizing a Photoionization Detector Meter (PID) for the presence of hydrocarbons. A 15 foot deep trench below the produced water tank was dug to allow for groundwater inflow for sample collection, but after 18 hours the trench was dry and backfilled. Preliminary BTEX and TPH soil sample results collected below the tank indicate no concentrations above COGCC table 910-1.

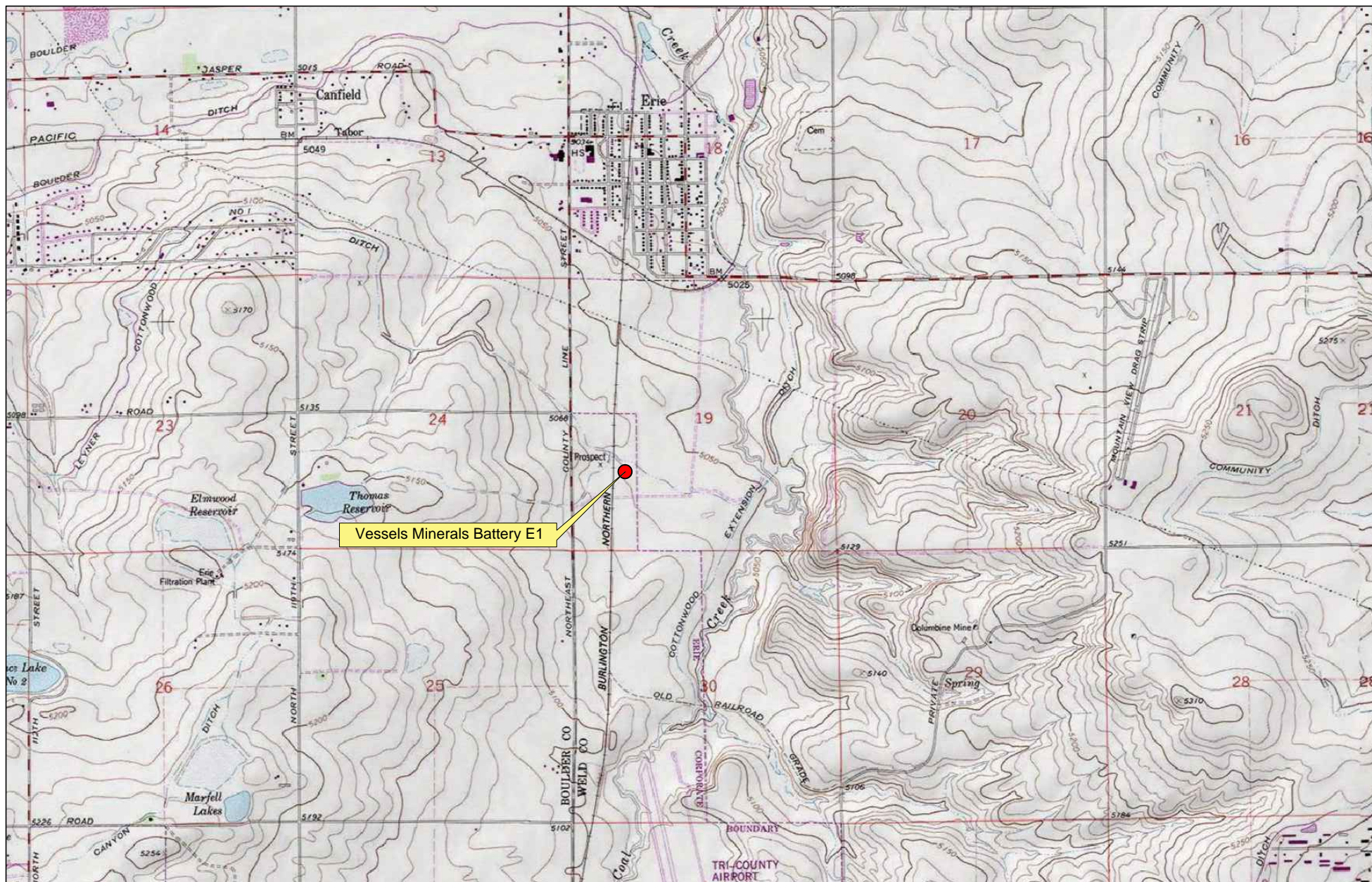
Further remediation activities proposed (attach separate sheet if needed):

Final 910-1 soil sample results pending.

Describe measures taken to prevent problem from reoccurring:

TBD





Legend

- Vessels Minerals E1 Battery (Facility ID #335664)

0 1/2 mile
1 inch = 1/2 mile
1:31,680





encana

Vessels Minerals E1 Battery
(Facility ID #335664)
NWSW Section 19 T1N R68W
Weld County, Colorado



Legend

-  Spill Extent
-  Soil Sample Location
(VesselsMineralsE1-UnderTank-100813)

0 60'
1 inch = 60 feet
1:720



Vessels Minerals E1 Battery
(Facility ID #335664)
NWSW Section 19 T1N R68W
Weld County, Colorado



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

D Blake Ford
EnCana Oil & Gas - Longmont, CO
3601 Stagecoach Rd
Longmont, CO 80504

Report Summary

Friday October 11, 2013

Report Number: L662092

Samples Received: 10/09/13

Client Project: VESSELS MINERALS E1

Description: Vessels Minerals E1 Spill

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Jarred Willis , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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REPORT OF ANALYSIS

October 11, 2013

D Blake Ford
EnCana Oil & Gas - Longmont, CO
3601 Stagecoach Rd
Longmont, CO 80504

Date Received : October 09, 2013
Description : Vessels Minerals E1 Spill
Sample ID : VESSELS MINERALS E1-UNDERTANK 100813
Collected By : Blake Ford
Collection Date : 10/08/13 10:00

ESC Sample # : L662092-01

Site ID : VESSELS MINERALS E1

Project # : VESSELS MINERALS E1

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.0050	0.0025	mg/kg	8021/8015	10/11/13	5
Toluene	BDL	0.025	mg/kg	8021/8015	10/11/13	5
Ethylbenzene	BDL	0.0025	mg/kg	8021/8015	10/11/13	5
Total Xylene	0.010	0.0075	mg/kg	8021/8015	10/11/13	5
TPH (GC/FID) Low Fraction	0.95	0.50	mg/kg	GRO	10/11/13	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	93.3		% Rec.	8021/8015	10/11/13	5
a,a,a-Trifluorotoluene(PID)	102.		% Rec.	8021/8015	10/11/13	5
TPH (GC/FID) High Fraction	BDL	4.0	mg/kg	3546/DRO	10/10/13	1
Surrogate recovery(%)						
o-Terphenyl	68.9		% Rec.	3546/DRO	10/10/13	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: Printed: 10/11/13 14:03



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REPORT OF ANALYSIS

October 11, 2013

D Blake Ford
EnCana Oil & Gas - Longmont, CO
3601 Stagecoach Rd
Longmont, CO 80504

Date Received : October 09, 2013
Description : Vessels Minerals E1 Spill
Sample ID : VESSELS MINERALS E1-UNDERTANK 100813
Collected By : Blake Ford
Collection Date : 10/08/13 10:00

ESC Sample # : L662092-02

Site ID : VESSELS MINERALS E1

Project # : VESSELS MINERALS E1

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Chromium, Hexavalent	BDL	2.0	mg/kg	3060A/7196A	10/10/13	1
ORP	-12.		mV	2580 B-2011	10/10/13	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: Printed: 10/11/13 14:03

Summary of Remarks For Samples Printed
10/11/13 at 14:03:15

TSR Signing Reports: 358
R3 - Rush: Two Day

Log all BTEX waters as V826BTEX unless specified otherwise. Try not to report benzene as BDL
above a 250x dilution.

Sample: L662092-01 Account: ENCANLCO Received: 10/09/13 09:30 Due Date: 10/11/13 00:00 RPT Date:

Sample: L662092-02 Account: ENCANLCO Received: 10/09/13 09:30 Due Date: 10/16/13 00:00 RPT Date: