

FORM
19
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

FOR OGCC USE ONLY

Rec. 9/26/13

Spill report taken by:

FACILITY ID:

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.

OPERATOR INFORMATION

Name of Operator: <u>EE3 LLC</u> OGCC Operator No: <u>10450</u>	Phone Numbers
Address: <u>4410 Arapahoe Avenue #100</u>	No: <u>303-444-8881</u>
City: <u>Boulder</u> State: <u>CO</u> Zip: <u>80303</u>	Fax: <u>303-417-1000</u>
Contact Person: <u>Richard McClure</u>	E-Mail: <u>rmcclure@ee3llc.com</u>

DESCRIPTION OF SPILL OR RELEASE

Date of Incident: <u>8/30/2013</u> Facility Name & No.: <u>Buffalo Ditch #1-32H</u>	County: <u>Jackson</u>
Type of Facility (well, tank battery, flow line, pit): <u>flow line</u>	QtrQtr: <u>SENE</u> Section: <u>32</u>
Well Name and Number: <u>Buffalo Ditch #1-32H</u>	Township: <u>7N</u> Range: <u>80W</u>
API Number: <u>05-057-06463</u> <i>Location ID: 524749</i>	Meridian: <u>6th</u>
Specify volume spilled and recovered (in bbls) for the following materials: Oil spilled: <u>20</u> Oil recov'd: <u>15</u> Water spilled: <u>-</u> Water recov'd: <u>-</u> Other spilled: <u>-</u> Other recov'd: <u>-</u>	
Ground Water impacted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Surface Water impacted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Contained within berm? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Area and vertical extent of spill: <u>(200' x 10') Area</u> x <u>.04'</u> vertical
Current land use: <u>Well Pad & range land</u>	Weather conditions: <u>Sunny (70 Deg F)</u>
Soil/geology description: <u>clay soil and gravel (well pad)</u>	
IF LESS THAN A MILE, report distance IN FEET to nearest... Surface water: <u>577'</u> wetlands: <u>n/a</u> buildings: <u>1,040'</u>	
Livestock: <u>1,040'</u> water wells: <u>500'</u> <i>350'</i> Depth to shallowest ground water: <u>17'</u> <i>Permit #275561</i>	
Cause of spill (e.g., equipment failure, human error, etc.): <u>Equipment Failure</u>	Detailed description of the spill/release incident: <i>See attached documents</i>

Per OGCC web site

CORRECTIVE ACTION

Describe immediate response (how stopped, contained and recovered):	See attached documents
Describe any emergency pits constructed:	No
How was the extent of contamination determined:	Visual
Further remediation activities proposed (attach separate sheet if needed):	See attached documents
Describe measures taken to prevent problem from reoccurring:	
Replace failed section of flow line. To prevent future issues, we will do yearly pressure testing.	

OTHER NOTIFICATIONS

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

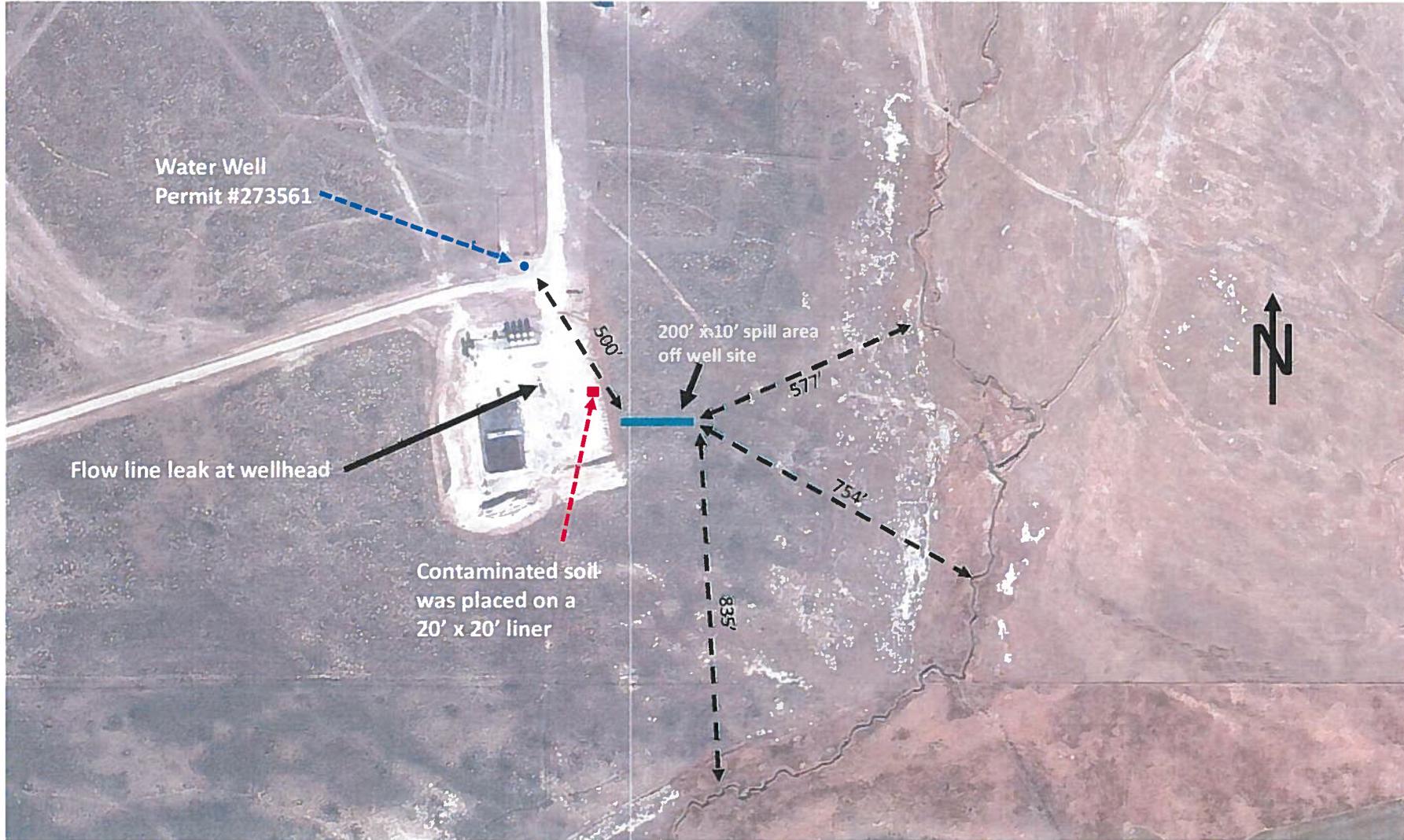
Date	Agency	Contact	Phone	Response
8/30/13	CDPHE	Incident line	877-518-5608	Left a message
8/30/13	Landowner	Jack Hayworth	970-723-4614	Discussion with 1 hour of detecting the spill

Spill/Release Tracking No: **2146340**

Buffalo Ditch 1-32H (05-057-06463), Jackson County, CO



20 barrel spill occurred on 8/30/2013 from a flow line at the wellhead. The affected area off the well site is approximately 200' x 10'. Free oil was removed with a vac truck (15 bbls). The affected soil was removed, mixed with Eco-Sponge (enzymes) and placed on a (20x20) plastic liner on the pad within 12 hrs. The nearest open water is 577' to the east-northeast and was not impacted. The nearest water well is approximately 500' NE of the affected soil and also was not impacted.



Cause of the Spill:

The surface flow line at the wellhead developed an erosional failure in the wall of the pipe. The failure occurred from the inside and was undetectable by visual inspection. The failure occurred during the night and was noticed when our pumper visited location the next morning. It was noted that oil had left the SE corner of the location and had flowed onto range land, an area approximately 200' x 10'.

Immediate Response:

The well was shut-in and a vac truck called to pick up the free oil. It is estimated that approximately 20 barrels had been spilled and 15 barrels were recovered via the vac truck.

The land owner was notified within an hour and a plastic liner placed on the well pad. Oil stained soil was mixed with Eco-sponge, a wood shaving & enzyme product and the mixture placed on an impermeable liner placed on the well pad. The volume of the mixture is 20'x20'x3'.

Further Remediation Activities:

The soil & Eco-sponge mixture will be tested to ensure that it meets COGCC guidelines before being returned to the location.

Problem Prevention:

Containment berms will be placed around all wellheads that utilize down hole jet pumps.

Surface flow lines on these wells will be pressure tested annually to 4,000 psig. Charts of these pressure tests will be kept in the company well files and provided to the COGCC upon request.