

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Bearkamp Orphan Well Plug - Removal Polrep  
Initial and Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** **POLREP #1**  
**Documentation of Bearkamp Well Plugging (initial and final)**  
**Bearkamp Orphan Well Plug**  
**Z5L3**  
**Ellsworth, OH**  
**Latitude: 41.0366171 Longitude: -80.8383793**

**To:**  
**From:** Lori Muller, On-Scene Coordinator  
**Date:** 8/2/2012  
**Reporting Period:** 2/10/2012 to 4/23/2012

**1. Introduction**

**1.1 Background**

<b>Site Number:</b>	Z5L3	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	
<b>Response Authority:</b>	OPA	<b>Response Type:</b>	Emergency
<b>Response Lead:</b>	EPA	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	4/23/2012	<b>Start Date:</b>	4/24/2012
<b>Demob Date:</b>	4/24/2012	<b>Completion Date:</b>	4/24/2012
<b>CERCLIS ID:</b>		<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	State Referral
<b>FPN#:</b>	E12502	<b>Reimbursable Account #:</b>	2/V/SZ/172/95/0/E12502/74100/Z5L3

**1.1.1 Incident Category**

Time Critical Removal Action to plug a leaking, abandoned orphan well.

**1.1.2 Site Description**

The Ohio Department of Natural Resources, Division of Mineral Resources, Oil & Gas Permitting Section, requested assistance from USEPA in evaluating a leaking oil well (the Bearkamp Well) near Ellsworth, Mahoning County, Ohio.

The well is an orphan well and the state has found no records identifying responsible parties to properly plug the well.

On April 11, 2011, OSC Muller inspected the well site and found that the well was discharging oil to the Meander Creek which leads to the Little Beaver Creek, and eventually, the Ohio River.

OSC Muller made the determination that the well should be properly plugged to eliminate the on-going discharge from the well.

ODNR agreed to undertake the plugging operations of the well through the Pollution Removal Funding Authorization (PRFA) process. The state has emergency funds to plug the well, but would require reimbursement from the Fund Center.

**1.1.2.1 Location**

The well is located on the Hornberger's property (LAT: 41.039420, LON: -80.831980) in Ellsworth Township, Mahoning County, Ohio.

**1.1.2.2 Description of Threat**

The abandoned well was discharging oil to Meander Creek, a tributary to the Ohio River.

**1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results**

On April 11, 2011, OSC Muller inspected the well site and found that the well was discharging oil to the

Meander Creek which leads to the Little Beaver Creek, and eventually, the Ohio River.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

#### 2.1.2 Response Actions to Date

The contractor for ODNR plugged the well on April 23-24, 2012. The contractor plugged the well under the supervision of an ODNR Field Inspector and according to the Scope of Work (SOW) attached to the PRFA posted in the documents section of this website.

#### 2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

Orphan well- no PRPs.

#### 2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

### 2.2 Planning Section

#### 2.2.1 Anticipated Activities

none

##### 2.2.1.1 Planned Response Activities

none

##### 2.2.1.2 Next Steps

No further response actions - well has been plugged.

#### 2.2.2 Issues

none

### 2.3 Logistics Section

N/A

### 2.4 Finance Section

No information available at this time.

### 2.5 Other Command Staff

N/A

## 3. Participating Entities

N/A

## 4. Personnel On Site

N/A

## 5. Definition of Terms

N/A

## 6. Additional sources of information

N/A

## 7. Situational Reference Materials

N/A