

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

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

2.4.1 Narrative

ODNR has submitted a voucher to the USEPA OSC for review. Total removal costs for plugging the well are \$30,505.14

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