

**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT #1**

I. HEADING

Date: August 25, 2004

Subject: Request for Initiation of Removal Action
Oil Well Road Abandoned Oil Well
Glasgow, Barren County, Kentucky

From: James W. Webster, OSC, 4WD-ERRB

To: Shane Hitchcock, 4WD-ERRB
Tony Moore, 4WD-ERRB
D. Thornton, EPA-HQ
Robert Smith, USCG NPFC
U.S. Coast Guard District Eight
Project File

II. BACKGROUND

OSC Name: Dr. James W. Webster
U.S. EPA Region 4
Emergency Response and Removal Branch
61 Forsyth Street, S.W.
Atlanta, Georgia 30303
Office: 404.562.8769

FPN: EO4422

Site ID No. Z4GQ

Authority: Clean Water Act

Start Date: October 15, 2004 (estimated)

III. SITE INFORMATION

A. Incident Category

The incident involves an undocumented, abandoned oil well that is suspected of being a source of a continuing discharge of crude oil to Boyds Creek, Skaggs

Creek, and the Barren River Reservoir, which are all navigable waters of the United States. This is not a CERCLA incident.

B. Site Description

The source of the threatened discharge is an undocumented, abandoned, oil well located less than 25 feet from Boyds Creek, beneath Oil Well Road just east of a bridge located approximately 150 feet east of the intersection of Oil Well Road and Haywood Cedar Grove Road, near Glasgow, Barren County, Kentucky (Figure 1). The geo-coordinates of the well are 36° 56' 27.43" N Latitude and 85° 56' 33.63" W Longitude.

The borehole of the well is not visible at the lands surface. It is marked by a 18 inch diameter depression in the pavement of Oil Well Road. Local residents indicate that the depression is filled periodically by the County Road Department but redevelops after each time that it is patched.

C. Preliminary Assessment / Site Inspection Results

On July 26, 2004, EPA and ERRS personnel mobilized to the Boyd's Creek III Site in order to locate and properly close a number of suspected abandoned oil wells. During the initial mobilization and reconnaissance activities the suspected well was pointed out to the EPA OSC by a local resident. Based upon the appearance of the depression, its proximity to Boyds Creek and the presence of oil seeping from a nearby bank of Boyds Creek and from beneath the bridge crossing the Creek, the OSC concluded that the probably well was a likely source of a discharge to navigable waters (Figures 2 - 4).

IV. RESPONSE ACTIVITIES TO DATE

A. Removal Activities to Date

No removal activities have occurred to date.

B. Planned EPA Removal Activities

Planned removal activities consist of the following:

1. Excavation to locate well head
2. Treatment and/or disposal of oil saturated soil as necessary
3. Logging of the well, as necessary, to determine the condition of the casing

4. Proper abandonment of oil well

V. CONDITIONS SHOULD THESE ACTION NOT BE TAKEN

The abandoned oil well lies within 25 feet of Boyd's Creek. If these efforts are not taken, crude oil will discharge directly to navigable waters of the United States.

VI. COST INFORMATION

The FPN ceiling that is being requested for this action is \$49,000, broken down as follows:

<u>ITEM</u>	<u>COST (USD)</u>
Extramural	
ERRS	35,000.00
Intramural	
EPA	4,000.00
U.S.C.G.	2,000.00
SUBTOTAL	42,000.00
CONTINGENCY	8,000.00
REQUESTED FPN CEILING	49,000.00

Figure 1. See images section of web-site.

Figure 2. See images portion of web-site.

Figure 3. See images section of web-site.

Figure 4. See images portion of web-site.