Gas Well Workshop
Online databases

Online databases are found on two websites, the Office of Oil and Gas on the West Virginia Department of Environmental Protection website and the West Virginia Geological and Economic Survey website.
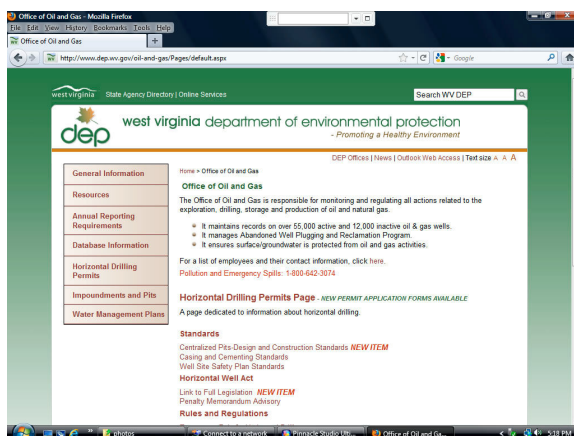
Note that links will have to be copied from this document and then pasted into the browser.

West Virginia Department of Environmental Protection
Office of Oil and Gas online databases
Online databases are accessed through the Office of Oil and Gas portal on the WV DEP website. The URL of the Office of Oil and Gas is:

http://www.dep.wv.gov/oil-and-gas/Pages/default.aspx

On the Office of Oil and Gas homepage you'll find notices of updated forms and other materials operators have to use. On the left sidebar is a link to Databases
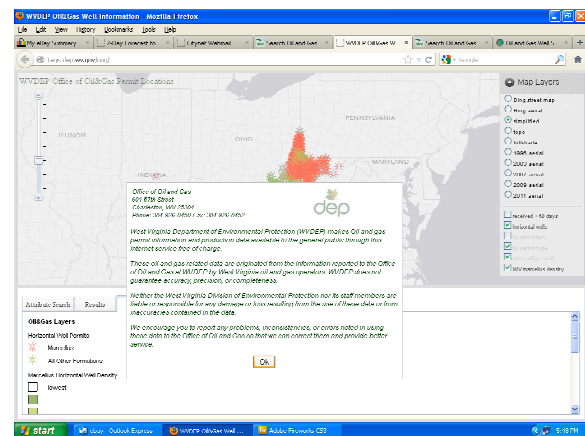
which when clicked will open up more links within the sidebar.

The Office of Oil and Gas databases that we most often use are:

**Map Search** http:// http://tagis.dep.wv.gov/oog/

The new Map Search is best used if you have highspeed internet access though it does work with dialup.

Click the Ok button in the box that appears when the map first appears. In the Map Layers box in the upper right hand corner deselect "horizontal wells" and "WV Marcellus density" and select "by well status."

It's possible to enter an API number in the Attribute Search tab, or enter latitude and longitude or county in the Zoom to Location tab. If an API number was entered, it will appear in the Results

tab with more information about the well. Clicking on the item in the Results tab will bring that well to the center of the map.
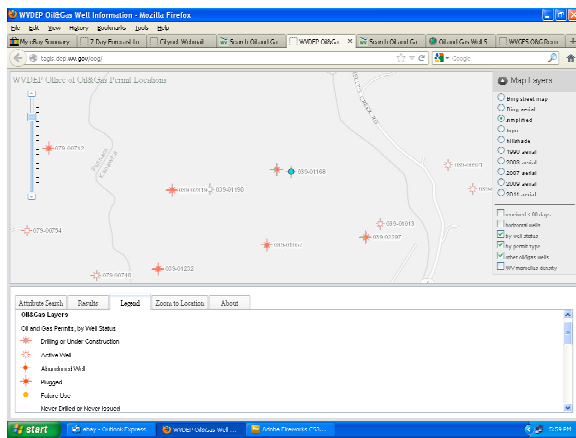
The Legend tab shows the symbols for the different types of wells shown on the map. Moving closer (using the slider bar or buttons on the left hand side of the map) will bring wells' API numbers into view. Clicking on a well on the map will bring up production information and, in the Results Tab, other information about the well.
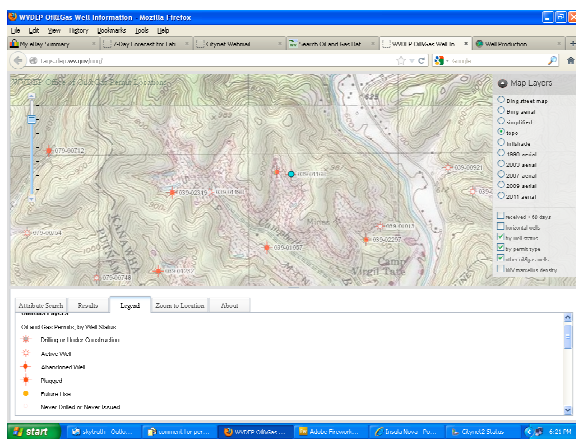
The Topo background locates the wells on a USGS topographical map background which is useful. This

background takes a while to load in dialup but the wait is worthwhile.

The online mapping tool takes a bit of time to get used to but it is an extremely handy resource.

Other Office of Oil and Gas Databases
http://www.dep.wv.gov/oil-and-gas/databaseinfo/Pages/OGD.aspx

Violations
http://www.dep.wv.gov/oil-and-gas/databaseinfo/Pages/OGD.aspx
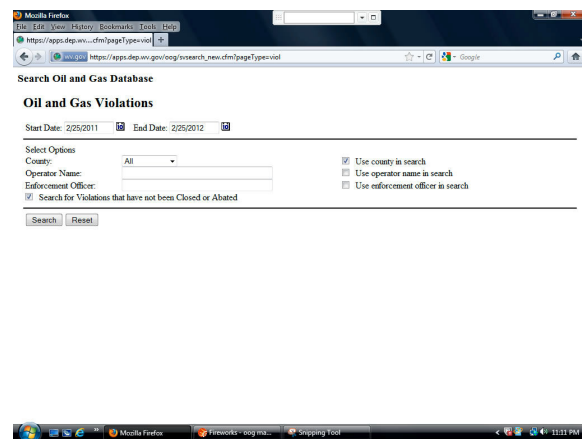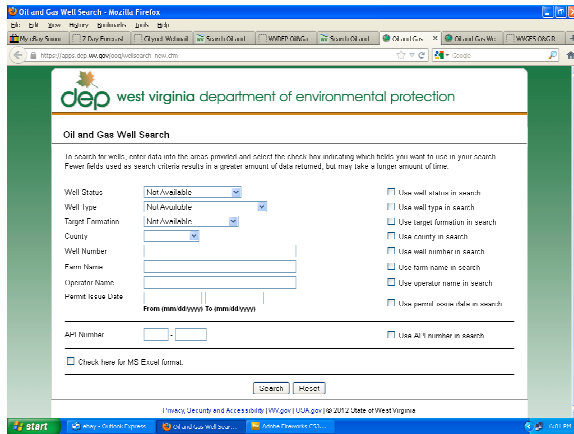

Search using date and one or more of the following criteria: county, operator or inspector.
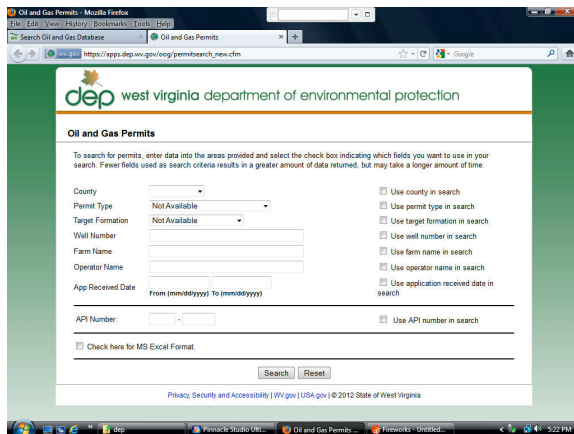
Well Search

https://apps.dep.wv.gov/oog/wellsearch_new.cfm

Search using a variety of categories, either for information regarding a particular well or for groups or types of wells. This tool is useful, for instance, for searching for wells in a county, a particular operator's wells, or for types of wells such as abandoned. If you want you can have the results made available as a downloadable Excel file.
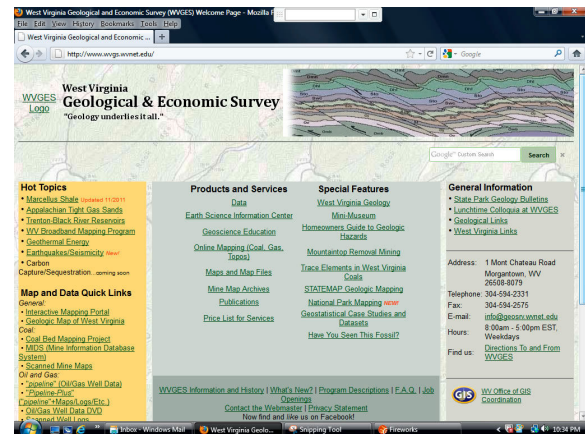
Permit Search

https://apps.dep.wv.gov/oog/permitsearch_new.cfm

Search using a variety of criteria.

Searching alone for an API number will give a page with permit details, including dates of filing of the completion report, Discharge Monitoring Report, inspections, and so forth.

Searching for county, operator or other criteria will give broader results, including API numbers.

West Virginia Geological and Economic Survey online databases

http://www.wvgs.wvnet.edu/

This website has two useful database searches, Pipeline 2 and Pipeline Plus, when the API number is known.

Pipeline 2

http://www.wvgs.wvnet.edu/oginfo/pipeline/pipeline2.asp

The county and last group of five digits for an API number is needed. Criteria that can be selected include location, operator (owner/completion on the search page), pay/show/water, production and other information.

Using this search tool for location gives a handy latitude/longitude or UTM location for use with a GPS.

Pipeline Plus
http://www.wvgs.wvnet.edu/pipe2/OGWISHelp.aspx

This is a group of databases. We have found the scanned documents most useful and that link is http://downloads.wvgs.wvnet.edu/BatchInfo/ The right-hand column shows counties.

Choose a county and a page will open with scanned completion reports, plats, and plugging reports for wells in that county according to the API number (the links in the right-hand column show the API number and file type – plug, comp, or plat.

These are downloadable single or multipage image files. Completion reports are generally 2 pages. On our computer we have to click the default .tif file viewer's button to see the second page. We're able to print the pages through the default viewer program on Windows.