

# How to Find Oil and Gas Wells within a One Mile Radius of an Address

## Access the GeoWebFace Application

- ❖ Read the disclaimer, and then select the ["I Have Read And Agree With This Notice"](#) button.
  - ❖ Maximize the windows viewing area (if you have not already done so).
- Optional but advised (especially for smaller displays) to further increase the viewing area:
- ❖ Select the [Top Gray bar](#),
  - ❖ Select the [Bottom Gray bar](#), and
  - ❖ Press the [F11](#) key (toggle off when done).

## Step One

In the [Left Panel](#) of the display:

- ❖ Select the [Map Tools](#) tab
- ❖ Select the [Quick Zoom](#) (Search) icon (leftmost icon)
- ❖ Using the drop down box change the default value [Well](#) to [Place](#)

*The display changes to reflect your choice*

- ❖ Enter an address in the [Place](#): dialog box [for example: [1550 Lincoln Road, Allegan](#)]
- ❖ Select the [Quick Zoom](#) button

*The GeoWebFace zooms to the address and displays it as a blue diamond.*

If you enter:

1550 Lincoln, or  
1550 Lincoln Road, or  
Lincoln Road, rather than [1550 Lincoln Road, Allegan](#), the GeoWebFace finds multiple possible locations. You will need to:  
1 select one of the [Map Location](#) buttons, or  
2 change what is in the [Place](#) box then select [Quick Zoom](#).

Capitalization is not critical in Quick Zoom.

If you have questions or comments please contact the GeoWebFace Team at [DEQ-GeoWebFace@michigan.gov](mailto:DEQ-GeoWebFace@michigan.gov)

## Step Two

In the [Left Panel](#) of the display:

- ❖ Select the [Map Tools](#) tab
- ❖ Select the [Buffer](#) icon (4<sup>th</sup> from left 3<sup>rd</sup> from right)
- ❖ Select the [Use Zoom](#) tab
- ❖ Enter Buffer Distance: [1]
- ❖ Select [Distance Units](#): [miles] from the dropdown box
- ❖ Select the [Create Buffer](#) button
- ❖ Select from [Buffer Layer](#): (required) [[Bottom Holes](#) the default works in this example]
- ❖ Select the [Select with Buffer](#) button

*The right side of the display changes to the [GeoWebFace Results](#) display.*

Information about the selected oil and gas wells is displayed. GeoWebFace Results only works for oil and gas wells. There are five wells in this example.

[GeoWebFace Results](#) tab provides several information options.

The displayed [Data Table](#) shows a sub-set of the available data for the oil and gas wells.

The [Download](#) option - in the rightmost column of the [Data Table](#) - provides access to the following if they are available:

- ❖ [RasterLogs](#) are records from geophysical procedures. Not all wells will have RasterLogs.
- ❖ [Drillers Logs](#) a written description of the formations that were encountered during drilling.
- ❖ [Well File](#) the life history of the well from Permit to Plugging.
- ❖ [Report](#) a one page summary of information for the selected well.
- ❖ [Map it](#) (same as GeoWebFace [Map](#) tab at the top of the panel) takes you back to the map view. Select the [GeoWebFace Results](#) tab at the top of the panel to return to this display.

Use the [Export to MS Excel](#) link to download a set of data for all of the wells that were selected by the processes listed above. For details on downloading to Excel and information on formatting please see the [GeoWebFace User Guide](#).

The User Guide also has information on using the [On-Line Oil and Gas Database](#) and more instructions for using the GeoWebFace application.