

Oil/Gas Well Tracking Resources and Links

Here's the main link to the MDEQ Gas and Oil info page:

http://www.michigan.gov/deq/0,4561,7-135-3311_4231---,00.html

To track the wells:

You can find the weekly permit applications/permits issued/dispositions for all wells (not just oil wells) at the link below. Once you start checking them, it's pretty easy to keep up to date.

http://www.michigan.gov/deq/0,4561,7-135-3311_4111_4231-121842--,00.html

To see the oil & gas and Class II brine disposal wells in Lenawee or Jackson County, use the MIDEQ maps below. This map is updated quite often. First, use this map to find the well number. You might want to magnify the map to 200% or so, using the control at the top to make it easier to see the numbers and to read the key. The key on the right explains everything. This map is updated a couple times a month, and it's a pretty quick way to see the most current status. Class II brine disposal injection wells have a blue triangle around their circle. (These are the ones that are associated with earthquakes, according to a recent USGS Report.) You don't necessarily need to have "fracked" wells (although some would say that all wells are "fracked" to some extent) in order to use injection to dispose of the waste fluids. The waste is the same for "fracked" and "non-fracked". Often Class II brine disposal wells are located at tank farms.

http://www.dnr.state.mi.us/spatialdatalibrary/pdf_maps/mineral_lease_information/lenawee_lease_information.pdf

http://www.dnr.state.mi.us/spatialdatalibrary/pdf_maps/mineral_lease_information/jackson_lease_information.pdf

To see the individual permits and all the paperwork that goes with them:

<http://ww2.deq.state.mi.us/GeoWebFace/>

Check the disclaimer box, then you'll be able to see the map of all the wells in Michigan and you can check the active "Gas and oil wells" box, and zoom in to see the map.

If you want to see the paperwork for an individual well, click the "Data Search" tab in the box on the right.

You'll need to know either the permit number (for instance, 60666 from one of the maps above), or the API number (on the weekly permits issued summary, see second link from top, above, to get that). Type either one of those in the appropriate search box. Then click "Search Data". The well no. should pop up.

Then go to the "download" column on the far left, and click on "Well File". You can save these documents if you wish; the completed paperwork will be there. If fracking is used at any time, it will say so in this paperwork. It will also contain any state orders, and any incidents that occurred that are out of the ordinary.

Class II Brine Disposal/Injection Wells

Current Class II brine disposal injection wells are on Knight Hwy. in Adrian Township and along U. S. 223 in Palmyra Twp. and on Shepherd Hwy. in Adrian Twp. These are the type of wells that, according to the USGS, have not been ruled out as contributory factors in earthquakes in Ohio and the Midwest. Waste, including fracking fluid and/or flowback, from the drilling process, and from processing the extracted oil, is pressure-injected deep into the earth. These wells are:

- Savoy Energy, McMunn Farms, Palmyra Township, No. 60531 (This well is between U. S. 223 and Carleton Rd., just south of where Humphrey Hwy. dead ends on U. S. 223.)
- Savoy Energy, No. 60152, Ruesink, Adrian Township. (This well is on Knight Hwy., between Emery and Moore Rds.)
- Savoy Energy, No. 60589, Adrian Township. This injection well is in the oil field off Shepherd Rd., about three miles north of Adrian.

There are two injection wells just north of us in Jackson County, on Wolf and Palmer Roads.

To get information about Class II underground injection wells planned:

EPA well permit public notice and comment period information:

<http://www.epa.gov/region5/water/uic/uicpub.htm>

List of fracked wells:

http://www.michigan.gov/documents/deq/utica.collingwood_spreadsheet1_358438_7.pdf

Here is the Lenawee County Drain map. Zoom in to magnify. Dotted red lines are the buried drains that are maintained by the Lenawee County Drain Commission; solid red lines are the surface drains (also maintained by the county Drain Commission).

<https://www.arcgis.com/apps/View/index.html?appid=a62a77f279ed4b259df37f3a0009be53&extent=-84.5554,41.7024,-83.5667,42.0898>

In general, oil/gas well leases extend all the way to the state line, running on a southeast diagonal from Napoleon in Jackson County through Riga Township at the opposite corner of the County.

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