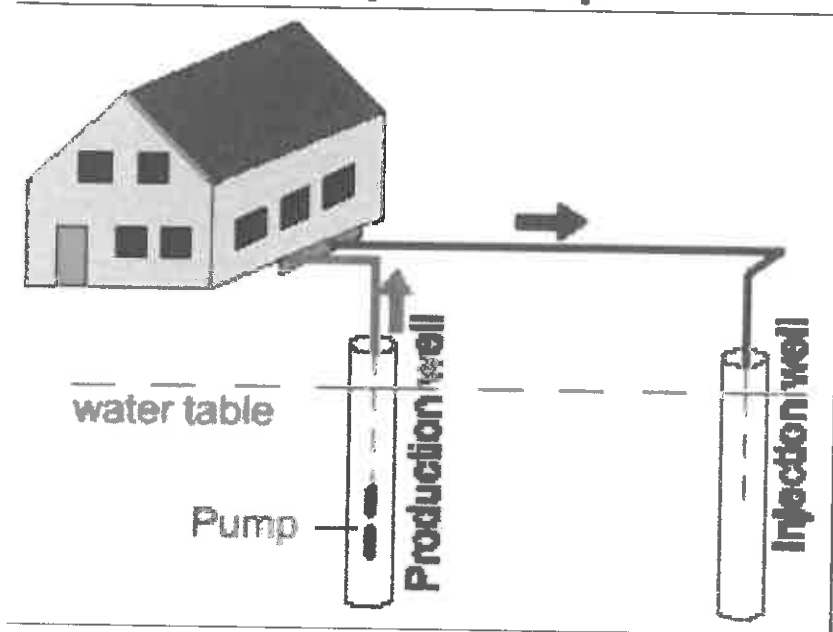


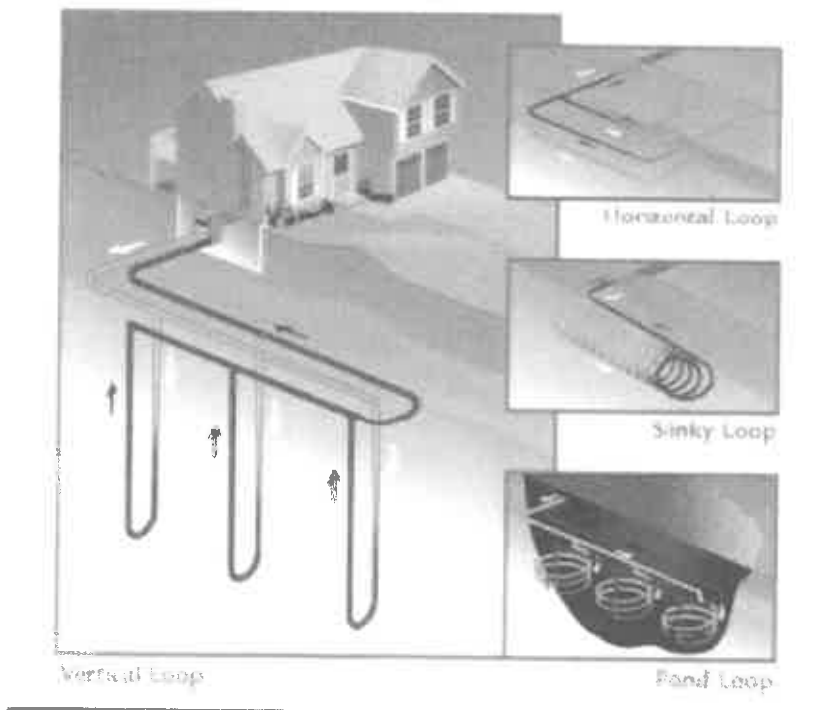
# Geothermal Wells

## Open Loop



## Closed Loop

### Geothermal Energy for the Home



## **Geothermal Well Isolation Distances from Absorption Areas**

**Allegheny County Health Department** (southwest region) – 100’ from open or closed

**Berks County** (south central region) – Varies by township, 100’ for open

**Bucks County Health Department** (southeast region) – 100’ open, 50’ closed

**Chester County Health Department** (southeast region) – 100’ open, 50’ closed

**Lancaster County** (south central region) – Varies by township from no isolation distance, to 100’ to either

**Montgomery County Health Department** (southeast region) – 100’ open, 50’ closed

**North Central Region** – 100’ from open or closed

**Northeast Region** – 100’ from open or closed

## **Geothermal Wells**

73.13(d)(3) An individual water supply or water supply suction line - 100'

73.13(d)(7) Mine subsidence, borehole, sinkholes - 100'

## **Issues/Questions**

What should be the isolation distance?

Should it vary depending on whether it is an open or closed loop?

Do our current regulations support an isolation distance? If not, what is needed?

Normally, there are no visible signs of well or loop locations and may or may not be a plan indicating location(s). How can that be improved?