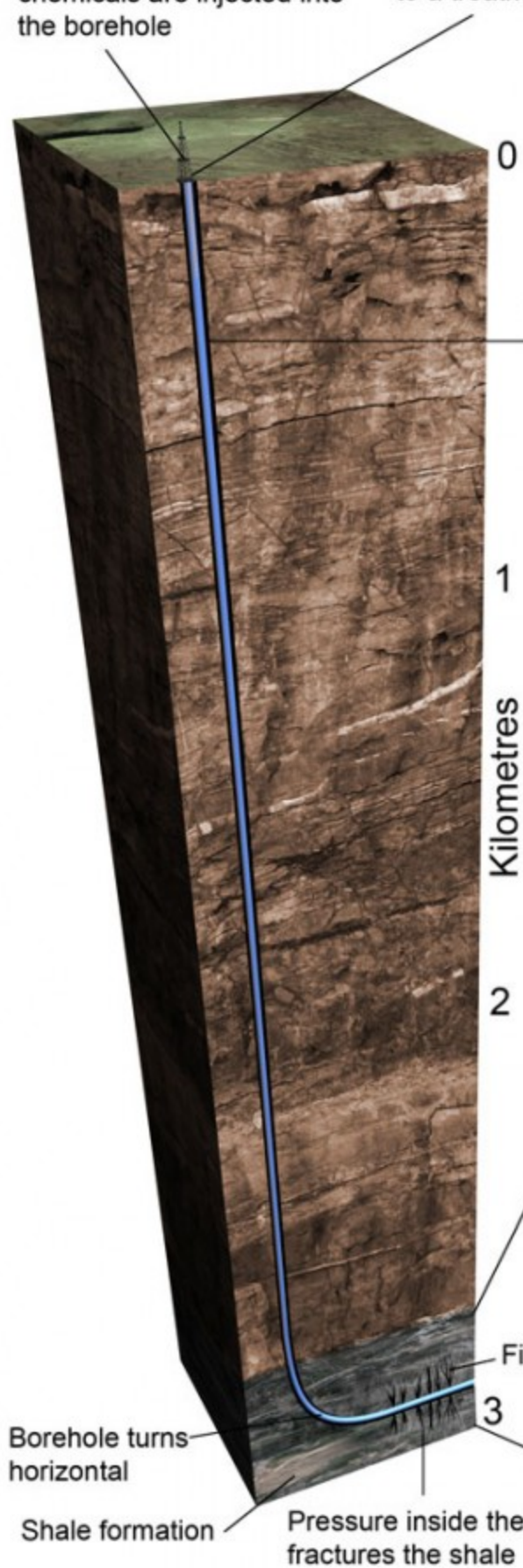


A mix of sand, water and chemicals are injected into the borehole

Recovered water is taken to a treatment plant



Methane flows out of borehole and is used to generate electricity or fed into the gas grid

### Hydraulic Fracturing

Hydraulic fracturing or 'fracking', involves the injection of water, sand and chemicals at high pressure into horizontally drilled boreholes. The pressurised mixture causes the shale to crack. These fissures are held open by the sand particles so that methane from the shale can flow up the borehole.

