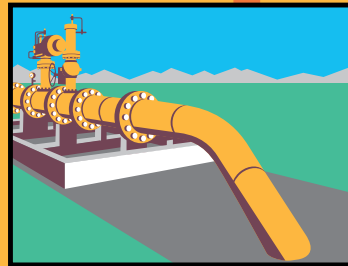


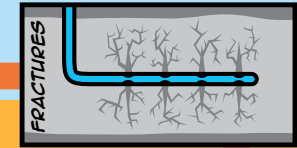
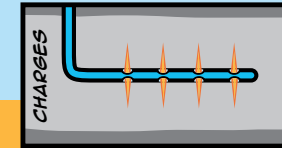
NATURAL GAS

NATURAL GAS IS FOUND IN RESERVOIRS DEEP UNDERGROUND, USUALLY TRAPPED BENEATH, AND SOMETIMES WITHIN, LAYERS OF ROCK.

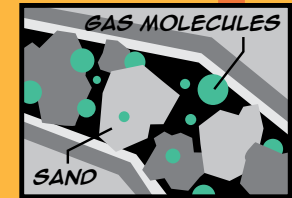
TO EXTRACT **CONVENTIONAL NATURAL GAS** — GAS TRAPPED IN POROUS SANDSTONE AND LIMESTONE FORMATIONS — WELLS ARE DRILLED INTO THE EARTH, AND THE GAS FLOWS TO THE SURFACE THROUGH THE WELL.



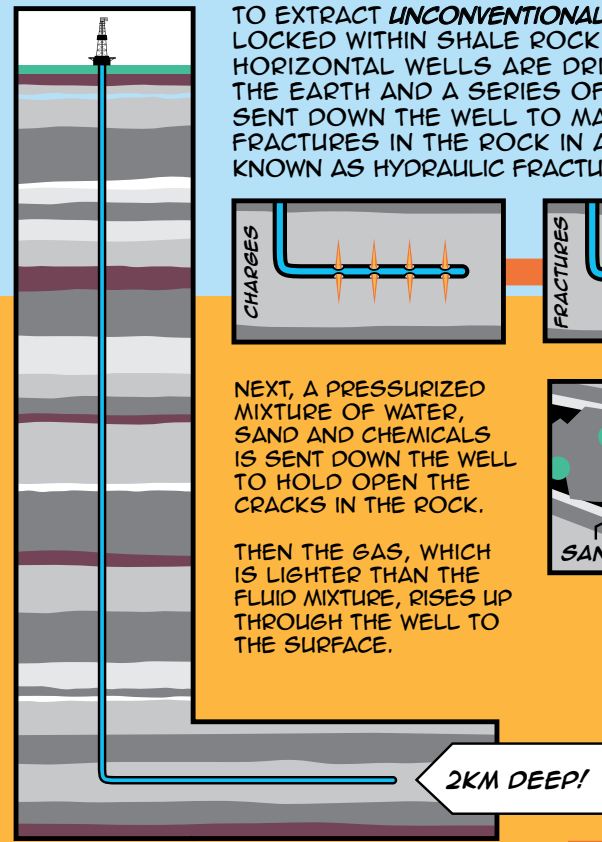
TO EXTRACT **UNCONVENTIONAL NATURAL GAS** — LOCKED WITHIN SHALE ROCK FORMATIONS — HORIZONTAL WELLS ARE DRILLED DEEP INTO THE EARTH AND A SERIES OF CHARGES ARE SENT DOWN THE WELL TO MAKE SMALL FRACTURES IN THE ROCK IN A PROCESS KNOWN AS HYDRAULIC FRACTURING.



NEXT, A PRESSURIZED MIXTURE OF WATER, SAND AND CHEMICALS IS SENT DOWN THE WELL TO HOLD OPEN THE CRACKS IN THE ROCK.



THEN THE GAS, WHICH IS LIGHTER THAN THE FLUID MIXTURE, RISES UP THROUGH THE WELL TO THE SURFACE.



2KM DEEP!

EITHER WAY, NATURAL GAS CAN BE USED TO GENERATE ELECTRICITY, AND HEAT HOMES.

