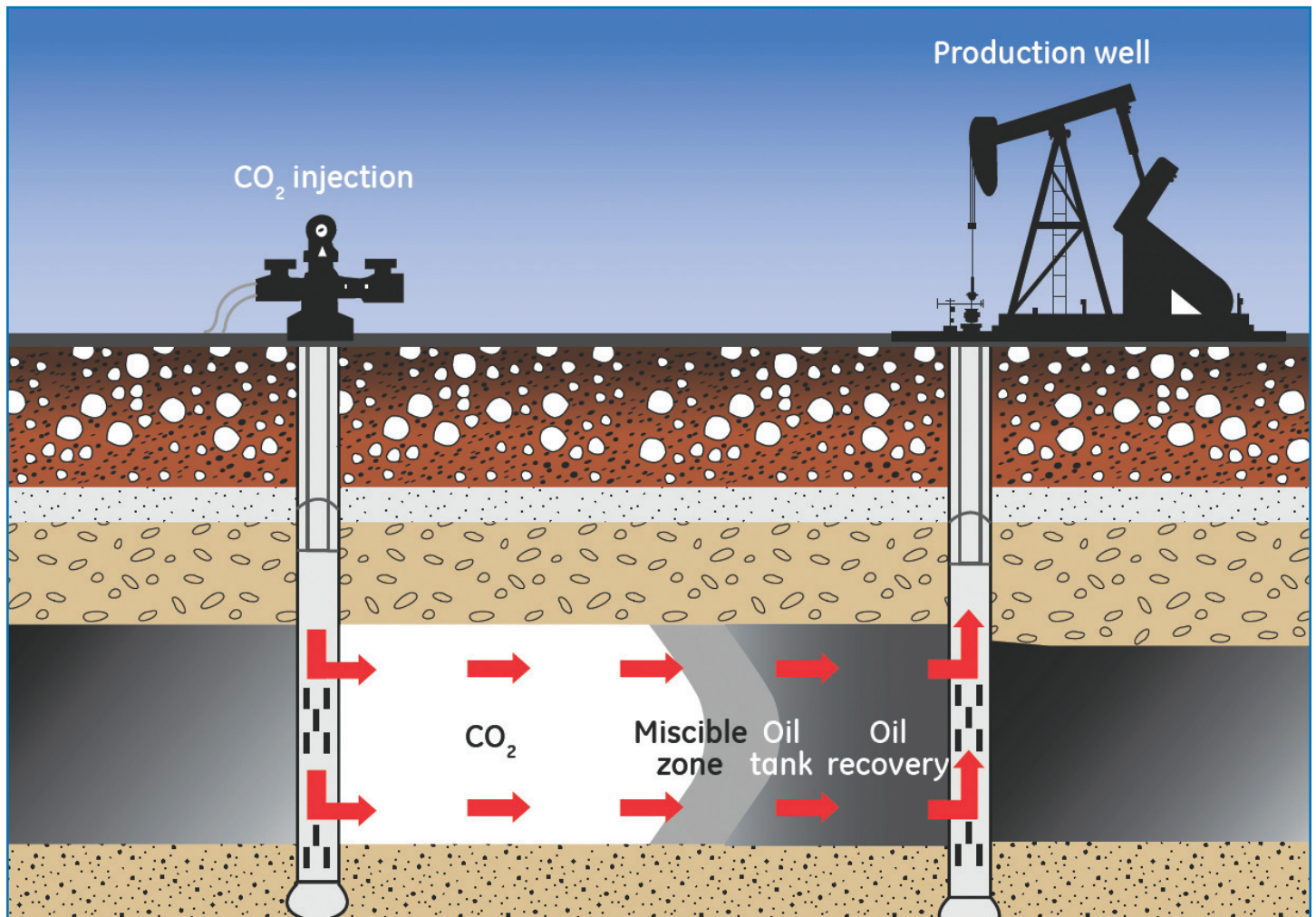


Moisture in Carbon Dioxide



What it is?

Enhanced oil recovery (EOR) is a generic term for techniques to increase the amount of crude oil that can be extracted from an oil field. Using EOR, 30-60%, or more, of the reservoir's original oil can be extracted. Gas reinjection with carbon dioxide is presently the most commonly used approach to enhanced oil recovery. Currently CO₂ EOR is used to produce about 250,000 barrels per day of oil in the USA. It is estimated that 4 to 47 billion barrels of oil could be recovered using CO₂ EOR. In addition, 8 billion tons of carbon dioxide (the greenhouse gas) could be sequestered in oil wells as opposed to being released into the atmosphere. Most global governments are supporting the development economically and technically viable EOR and carbon capture projects to reduce emissions and produce more energy.

