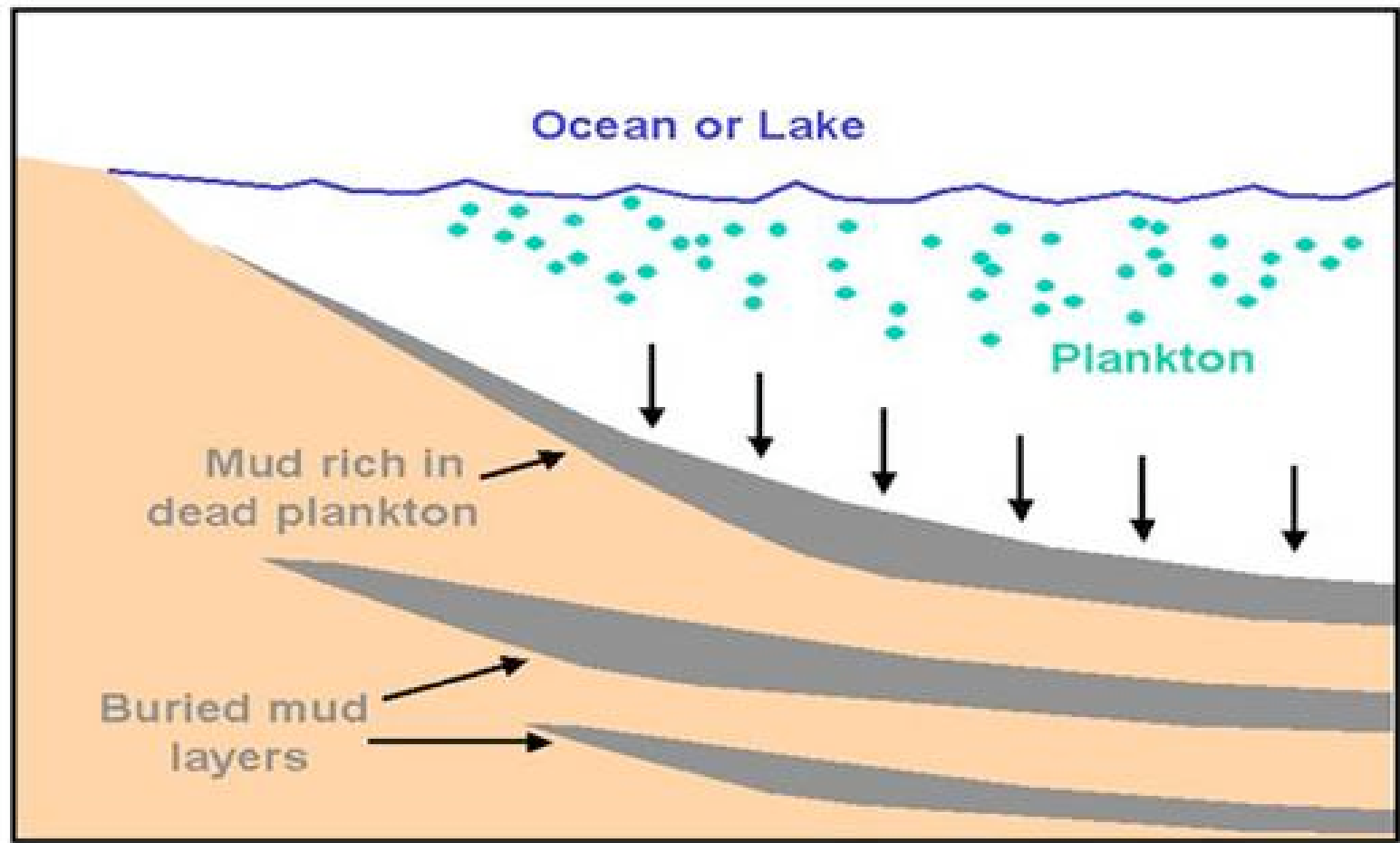


Oil & Gas Exploration

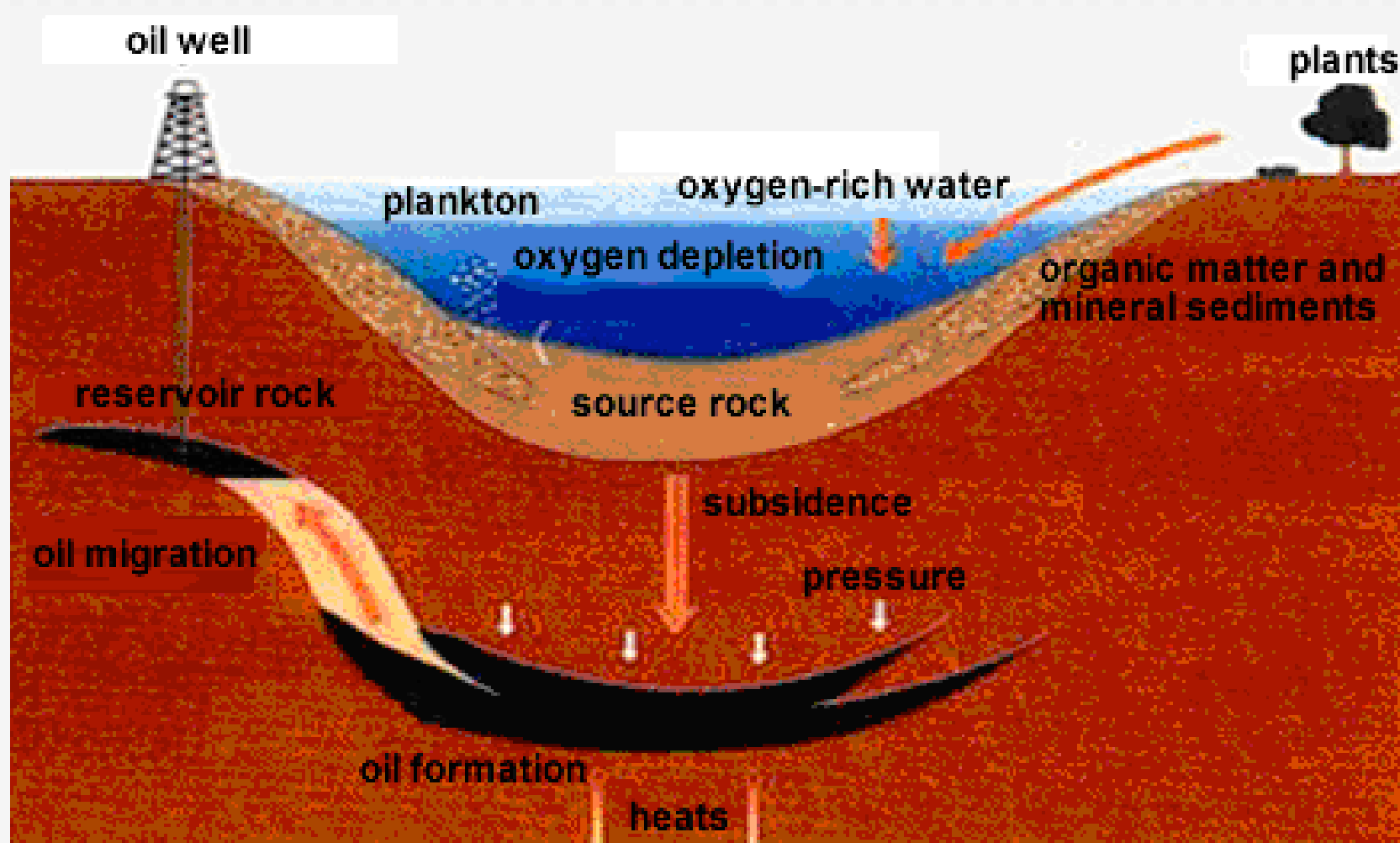
“How to become a Millionaire!”



Origin of Oil & Gas



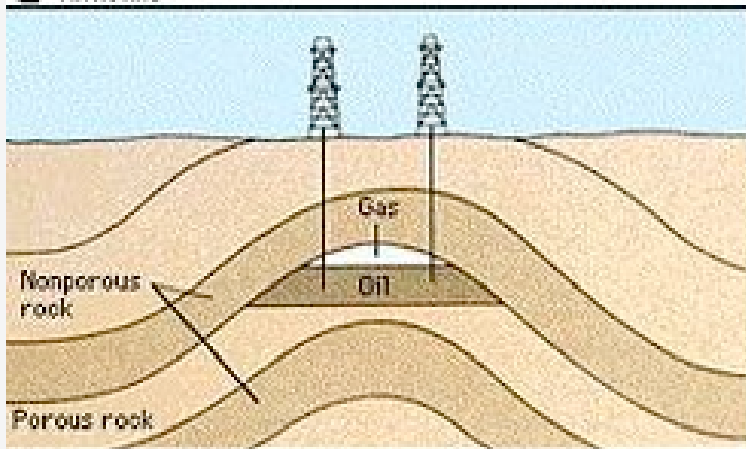
Oil Rocks- Ign, Sed or Meta?



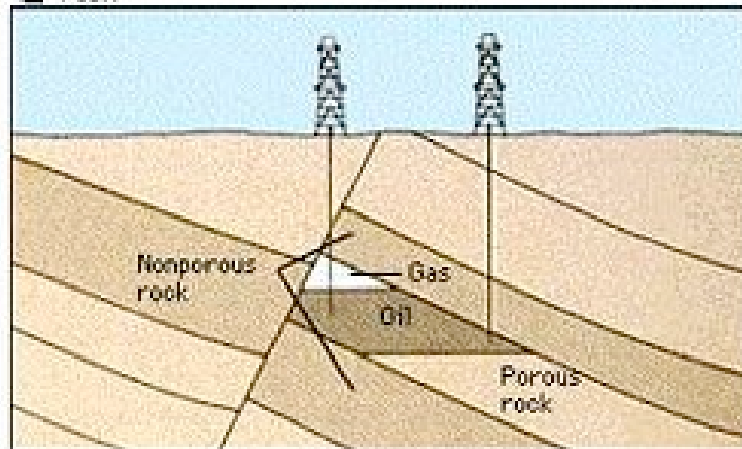
Migration and Traps

“Oil & water don’t mix!”

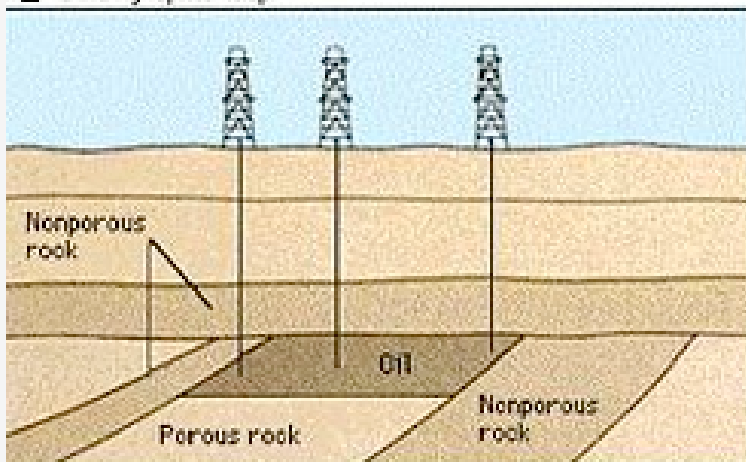
Anticline



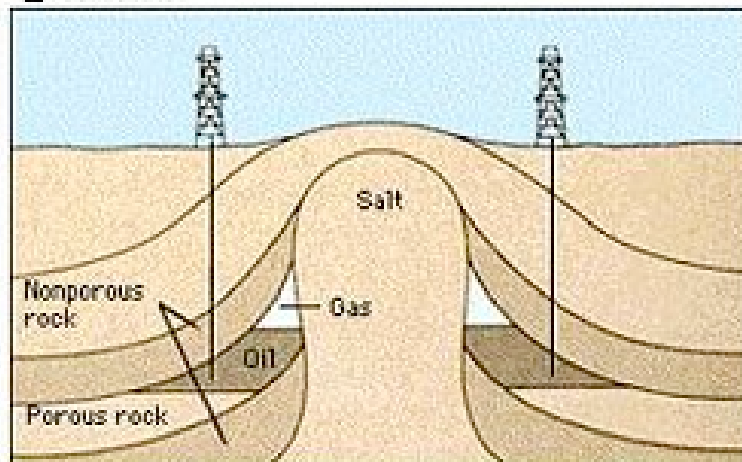
Fault



Stratigraphic trap

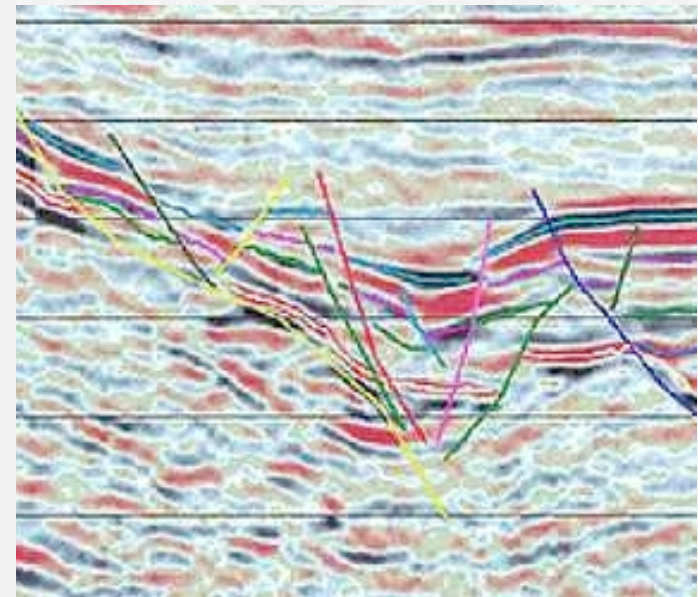
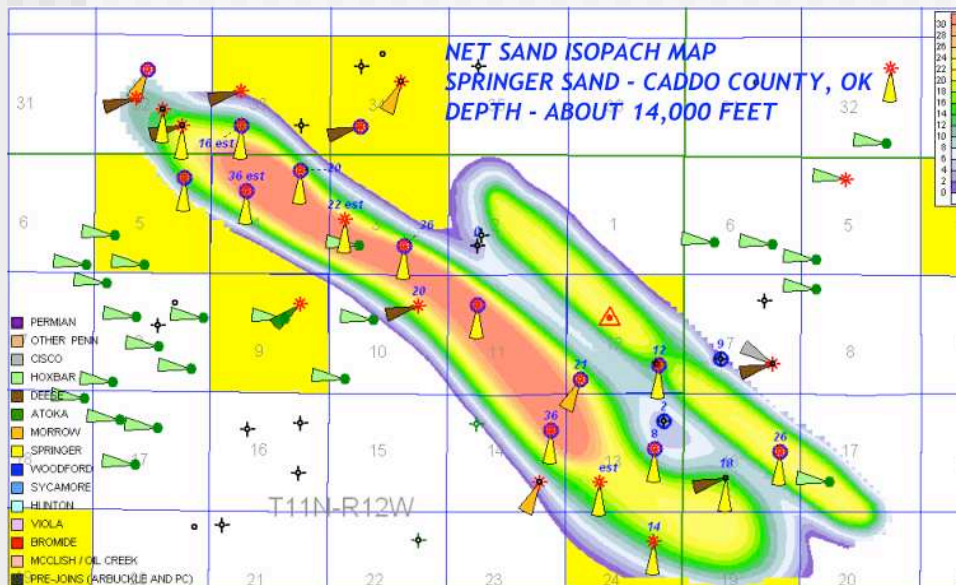
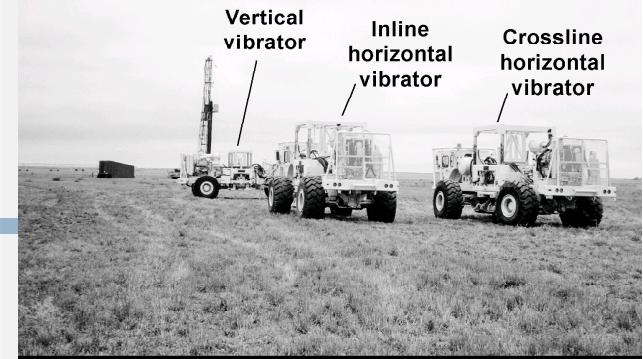


Salt dome



The Search

- Edwin Drake 1859...69'
- Now... > 30,000'
- Maps, wells, images, seismics



Drilling Techniques

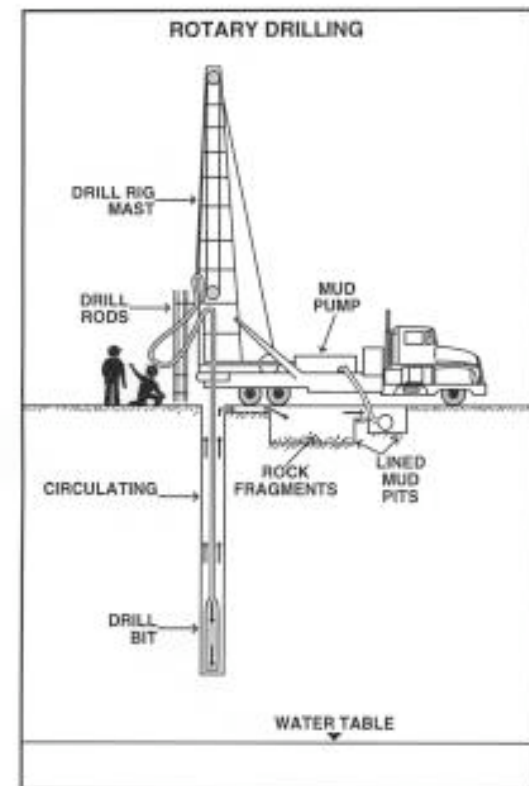
- Cable Tool, Rotary



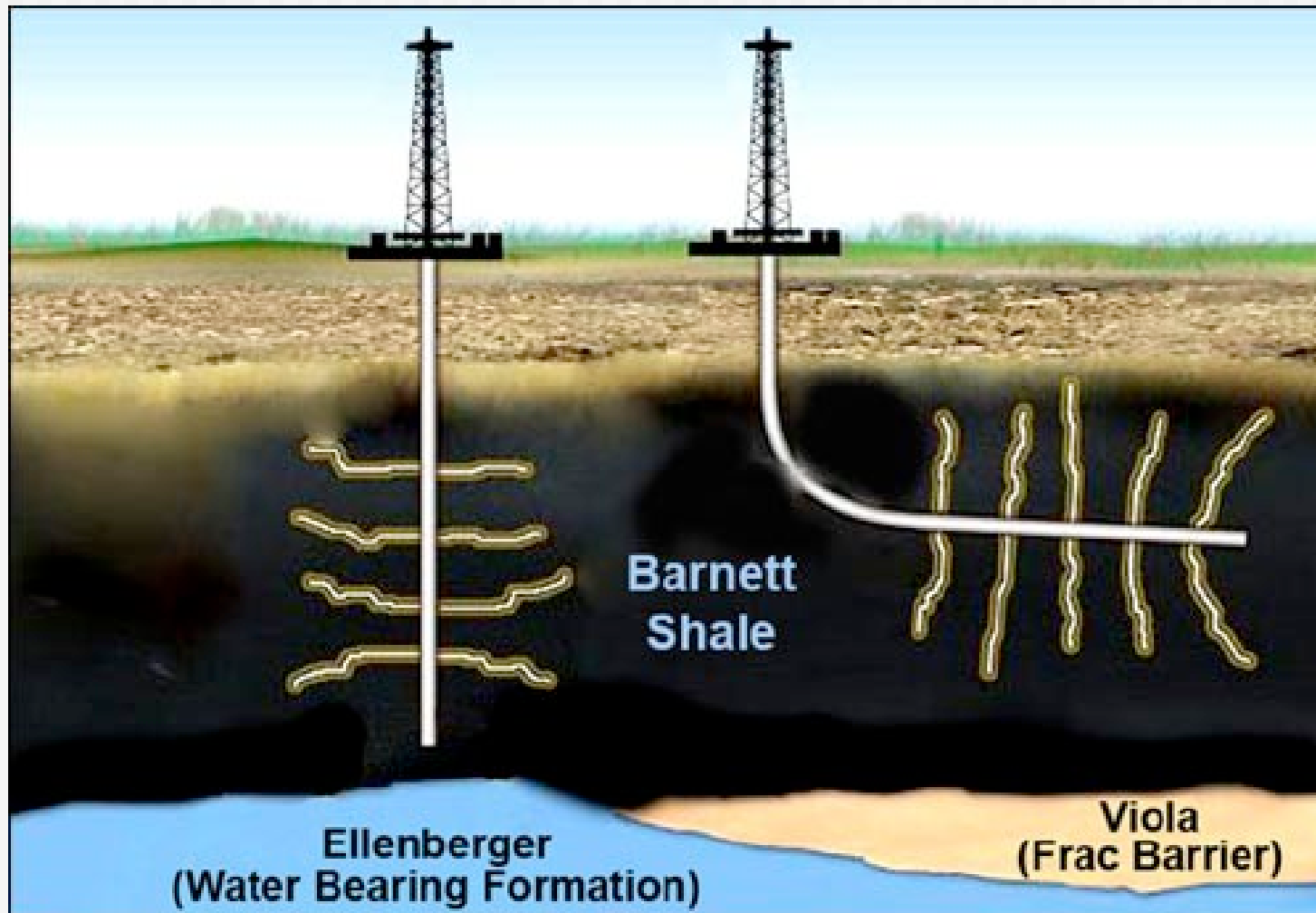
Cable Tool



Hughes Rotary Bit



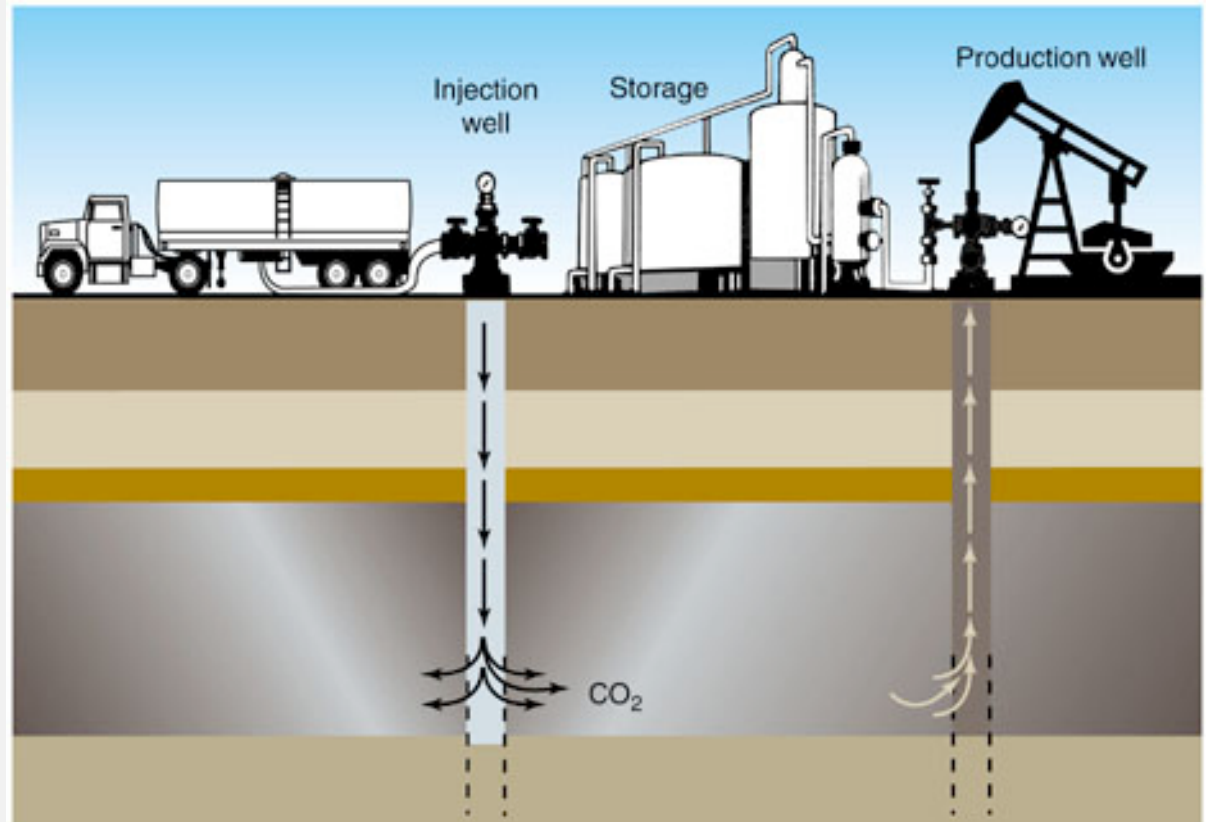
Horizontal Drilling



Recovery

- 25-30 percent extracted
- Enhanced Techniques...5% to 15%

Water
Steam
Gas
Frac
Vacuum
Chemical



World Oil

