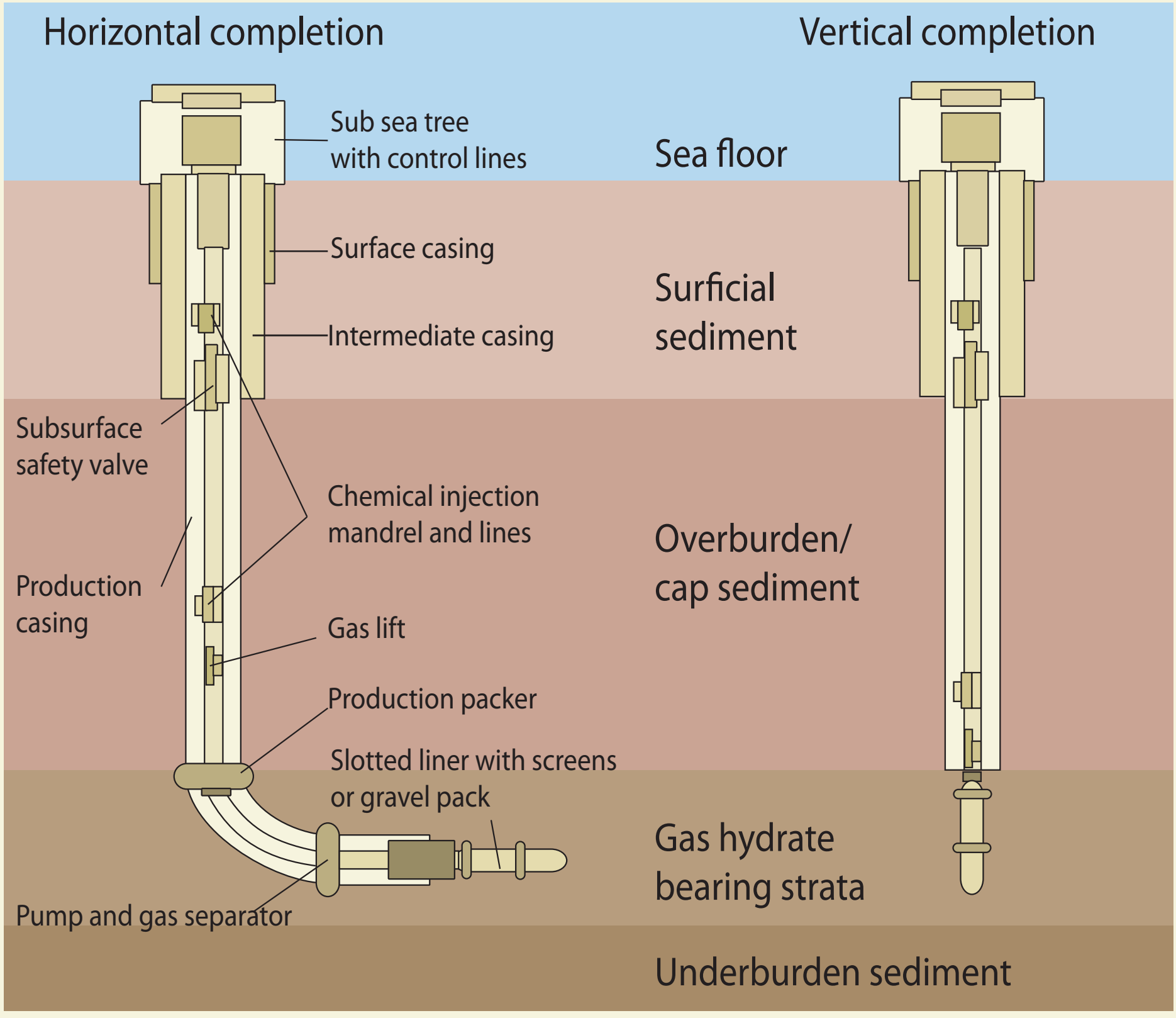

Horizontal completion
Vertical completion
Sub sea tree
with control lines
Surface casing
Intermediate casing
Subsurface
safety valve
Chemical injection
mandrel and lines
Production
casing
Gas lift
Production packer
Slotted liner with screens
or gravel pack
Pump and gas separator
Sea floor
Surficial
sediment
Overburden/
cap sediment
Gas hydrate
bearing strata
Underburden sediment