WHAT IS CLAIMED IS:

1. A method of storing or transporting a sample comprising:

introducing a sample container into a subterranean formation, the sample container comprising a sample receptacle and a pressurization compartment, wherein the pressurization compartment is detachably connected to the sample receptacle;

collecting the sample in the sample container, wherein the sample container is positioned within the subterranean formation during collection;

inserting ~~the~~ the sample container into a holding device, wherein the holding device comprises a chamber and an opening; and

storing or transporting the holding device, wherein the step of storing or transporting is performed after the step of inserting.

~~2. The method according to Claim 1, wherein the sample container comprises a sample receptacle.~~

~~3. The method according to Claim 2, wherein the sample container further includes a pressurization compartment, wherein the pressurization compartment is detachably connected to the sample receptacle.~~

~~4~~2. The method according to Claim ~~3~~1, further comprising the step of separating the sample receptacle from the pressurization compartment prior to the step of inserting.

~~5~~3. The method according to Claim ~~3~~1, further comprising the step of pressurizing the pressurization compartment prior to the step of inserting.

~~6~~4. The method according to Claim ~~5~~3, wherein the pressurization compartment is pressurized to a desired pressure.

~~7~~5. The method according to Claim 1, wherein the sample container further comprises a valve.

~~8~~6. The method according to Claim 1, wherein the sample container further comprises a seal.

~~9~~7. The method according to Claim ~~8~~6, wherein the seal is permanently attached ~~or removably attached~~ to the sample container.

8. The method according to Claim 6, wherein the seal is removably attached to the sample container.

~~10~~9. The method according to Claim 1, wherein the holding device is capable of completely surrounding the sample container.

~~11~~10. The method according to Claim 1, wherein the sample container ~~fits closely inside the holding device~~.

~~12~~11. The method according to Claim ~~11~~10, wherein the shape and size of the chamber is selected such that the sample container has limited vertical or lateral movement inside the holding device after insertion into the holding device.

~~13. The method according to Claim 11, wherein the shape and size of the chamber is selected such that an annulus exists between the sample container and the holding device after insertion into the holding device.~~

~~14~~12. The method according to Claim 1, wherein the holding device further comprises an end seal.

~~15~~13. The method according to Claim ~~14~~12, wherein the end seal is permanently attached ~~or removably attached~~ to an end of the chamber.

14. The method according to Claim 12, wherein the end seal is removably attached to an end of the chamber.

~~16~~15. The method according to Claim 1, wherein the holding device further comprises a holding device valve.

~~17~~16. The method according to Claim 1, further comprising the step of collecting the sample prior to the step of inserting.

~~18~~17. The method according to Claim 1, further comprising the step of pressurizing the holding device after the step of inserting.

~~19~~18. The method according to Claim ~~18~~17, wherein the holding device is pressurized to a desired pressure.

~~2019~~. The method according to Claim 1, wherein the sample container fits loosely inside the holding device.

20. The method according to Claim 19, wherein the shape and size of the chamber is selected such that an annulus exists between the sample container and the holding device after insertion into the holding device.