FloPetrol

WELL BARRIER

QuartzPack™ for

SandConstruct™

www.flopetrol-wb.com

QuartzPack™ for SandConstruct™

Barrier Behind Casing (BBC)

Annulus shear strength is necessary only for transfer of load to the formation. Therefore, only for the structural casing is cementing necessary (and in cased production interval).

Get rid of the common “cementing problems”.

- QuartzPack does not shrink
- With QuartzPack, pressure testing of casing does not create micro annulus or radial cracks
- With QuartzPack, mechanical activity inside the casing does not fracture the annulus fill
- With QuartzPack, the thermal expansion is minimized
- The use of QuartzPack generates less stress on the casing
- Casing with QuartzPack as the annular pressure integrity medium can easily be recovered, by applying torque and pull on top portion above casing cut, which will remobilize the QuartzPack to a liquid
- QuartzPack gives sufficient stability to the casing
- QuartzPack is installed in the well faster than with cement, since there is no need to wait for it to cure and no pressure testing
- QuartzPack provides annulus seal with ever-lasting properties
- QuartzPack remain as an eternal liquefiable material that reshapes as required without fracturing
- QuartzPack does not lose its hydrostatic head
- QuartzPack is not affected by minor casing leaks
- QuartzPack is the perfect “preparation” for the inevitable final well abandonment
- External forces cause less deformation stress on the casing and imposes no annulus cracks
- Extremely low gas migration, due to very low permeability, will avoid annulus pressure build-up (SCP) and cross flow between formation zones
- External forces on the casing will not affect the sealing properties in the QuartzPack filled annulus
- Reduced load transfer results in less buckling and deformation tendencies, corrosion, etc.