Organic Water Block

Cement Control Additive

APPLICATIONS

- Primary cementing
- Remedial Squeeze Cementing
- Plugging Operations
- Fractured formations
- Porous formations
- Water zones
- Corrosive zones
- Depleted formations

BENEFITS

- Reduces Non Productive Time
- Reduces cost by reducing amount of cement and number of repeat cement jobs
- Supports achieving required top of cement (TOC)
- Eliminates expensive remedial operations
- Protects reserves and extends well life

FEATURES

- Mixes easily with cement
- Uses an interlocking network of pellets and fibers of various sizes
- High differential pressure resistance
- Can be pumped through most BHAs
- Allows single-bag deployment
- Has been lab tested in multiple labs

The OWB Cement Control Additive creates an impermeable seal to stop losses.

The Organic Water Block cement control additive uses organic hydrophobic pellets of various sizes with interlocking fibers to mitigate the risk of lost circulation while cementing. The material is non hazardous and organic being totally environmentally friendly.

The result is a compact, impermeable seal against the rock face where fluids are being lost. The OWB treatment consist of using a small amount per volume throughout the cement.

By using OWB, operators are able to cement casing strings with minimum losses and achieve the required top of cement. This substantially reduces non productive time and cost.

OWB has been used in hundreds of squeeze operations to remediate casing leaks and isolate water zones that were not properly cemented.

OWB is also ideal for use in plugging and abandonment of wellbores where cement needs to be placed across the producing zone and for other zones that are difficult to get cement plugs pumped.

The treatments using OWB have been used for over two decades and have been field tested and lab tested along with being proven in hundreds of applications with high success rates.