MILL E-Z™

Wireline Set Cement Retainers

INDEX

MAGNUM OIL TOOLS INTERNATIONAL

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Mill E-Z™

Wireline Set Composite Cement Retainer with Poppet Valve

INNOVATION REVEALED

The **Mill E-Z™ Wireline Set Cement Retainer** is a slim composite retainer with a built-in poppet valve, is set like a conventional bridge plug, and is used for remedial cementing or zone abandonment. The poppet one-way check valve is opened by applied pressure from the surface or by using a stinger assembly. Because of it's low metallic content, the Mill E-Z™ Wireline Cement Retainer can be quickly and easily milled and circulated back to surface using conventional milling, drilling with a rig and tubing, or with coiled tubing.

FEATURES

- Consistent drill times of 30 minutes or less
- Can be set on wireline or coiled tubing using conventional setting tools
- Can be milled or drilled with coiled tubing or a rig
- Positive seal after setting
- Millable cast iron slips
- High differential pressure rating
- Low temp and high temp materials conducive to a wide range of environments
- Patented precision shearing device
- Setting is done via a universal setting sleeve and adapter.
- Simple valve control by surface pressure manipulation

OPERATIONS

Once the Mill E-Z™ Wireline Set Cement Retainer is set and attached to the tubing string, the stinger is run to a depth just above the composite cement retainer. The stinger is then inserted into the plug bore and seals against the mandrel I.D. to isolate the tubing from the annulus. Once the tubing is set down slowly and pressure applied, communication is allowed to the well bore beneath the cement retainer. After the cement has been squeezed, pull up on tubing and stinger or release applied pressure, and the one way check valve will close and keep cement below retainer.

Patent Pending

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