

Non-explosive Dump Bailer Systems



NeoCC is an essential component whenever placing cement slurry in crude oil, gas condensate, and natural gas. Water is not a solution to effectively removing any oil film coatings from the ID surface of casings and tubulars. NeoCC must be used to displace hydrocarbon films from the ID surface, allowing for an enhanced bond between the cement slurry and ID surface.

Description

- NeoCC is provided in sealed 4-gallon batch kits.
- Kits are composed of a 10.0 ppg brine solution plus downhole surfactants and detergents. These surfactants have a strong affinity to bond to the ID surface and cause the oil film on the ID to peel off and float to the top of the NeoCC.
- A special order can be placed for 11.0 – 15.0 ppg NeoCC. Contact NeoProducts for more details if these densities are needed.
- NeoCC can be placed in the wellbore via dump bailer, coiled tubing and threaded pipe.
- When NeoSuperSlurry is placed in NeoCC the surface chemistry of the slurry and the casing ID are enhanced; the resultant shear bond strength between the plug and casing is increased by more than 50%.
- When NeoCC is placed in crude oil, condensate, or natural gas;
 - it displaces the hydrocarbon from the location where the cement plug will reside,
 - it aggressively removes hydrocarbon films from the surface of the casing, and
 - the slurry and casing surface are conditioned to provide a long-term pressure isolating plug.

NeoCC can be placed in wellbore brine to increase the shear bond strength between plug and casing.
Contact NeoProducts with any questions related to usage or performance of NeoCC.

