

PentaFlow

PentaFlow is a unique multipurpose product with a combination of water-based compounds and a solvent/surfactant package that treats many of the damage mechanisms common to production wells.

- **Dissolves Calcium Carbonate (CaCO₃)**
- **Dissolves wax, sludge, asphaltenes and other hydrocarbon residues**
- **Breaks up emulsions**
- **Dehydrates clays**
- **Leaves surfaces water wet**

PentaFlow is used in stimulation, de-scaling, differentially stuck pipe, casing clean-ups, and more.

PentaFlow pinholes the filtercake and with the volatile water miscible solvent strips away hydrocarbons and dissolves emulsion blockages. This allows other products to work faster and more completely. It also dissolves CaCO₃ and other calcium based compounds further aiding enhanced production. In addition, it can shrink and dehydrate clays thus promoting mobility.

PentaFlow is also an excellent **oil free** drilling fluid pipe release additive which works by dissolving calcium carbonates and polymers with an aggressive action whilst drying and cracking clays. It is used in OBM or WBM stuck pipe applications. **PentaFlow** contains a surfactant for removing glycol and oily inhibitors in SBM and WBM filter cakes. It can be used to dissolve cement sheaths left in casing as well as stimulate carbonate formations. It is used neat.

PentaFlow has excellent bit and BHA de-balling and cleaning characteristics, but can also be used to clean casing behind OBM or WBM as it removes oil film, pipe dope, and water wets metal surfaces.

PentaFlow was rated "E" in the old UK OCNS environmental rating system, the highest rating.

PentaFlow is packaged in 200 ltr drums, four to a pallet.

PentaFlow has a specific gravity of 1.128 SG.

PentaFlow shelf life is 3 years, dependent on storage conditions.

A Chemical Shotgun