

CLAY-DRILL™ Polymer Based Fluid

Baroid Industrial Drilling Products introduces CLAY-DRILL™ polymer based drilling fluid for HDD applications.

CLAY-DRILL is a dry blend of polymers designed to optimize horizontal drilling operations in shorter length, smaller diameter clay bores where sacrificial fluids are the system of choice.

It is packaged in twenty pound re-sealable plastic pails and designed to reduce the need for additional additives on site. Using CLAY-DRILL has resulted in cleaner drill strings, reamers, and bottom hole assemblies.

CLAY-DRILL requires no special personal protective gear or handling for safe and effective usage.

As part of the development process for CLAY-DRILL, Baroid Industrial Drilling Products has studied traditional mixing procedures in the HDD industry. We determined that an improved procedure could optimize the yield and performance of the drilling fluid developed, simplify the mixing process, and save time required for mixing.

Mixing Procedure

1. Phase 1: Dispersion & Water Wetting
(Time required for 1 Circulation of Mix Volume)
Always < 5 Minutes for this phase
2. Phase 2: Static Hydration (20 Minutes)
3. Phase 3: Homogenization (Time required for 1 Circulation of Mix Volume)
Always < 5 Minutes for this phase
It is critical to not over mix at this stage as the polymer now has the highest potential for shear degradation

[CLAY-DRILL™ Data Sheet](#)

