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Technical Data Sheet

GENERAL INFORMATION

A liquid suspension of high swelling gel forming materials and additives, easily mixed with water to form low-solids drilling fluids for shot hole, and mineral exploration drilling.

PRODUCT APPLICATION

LIQUID POLY GEL may be used in virtually all types of formations from straight clay to sand and gravel. To mix, pour slowly into pit and mix with kelly or pressure hose, or pour slowly into suction. While drilling, maintenance amounts (cupful) can be poured down the pipe when making a connection.

ADVANTAGES

Faster, smoother mix than possible with conventional dry clays.

Works equally well in fresh or salty water.

No special mixing equipment needed; add directly to the suction or pour down the drill pipe.

Extra low water loss makes possible drilling with less viscous fluid than when using conventional mud systems.

Saves water.

Sand and gravel drop in pit are not recirculated.

Hole is kept clean so shot charges drop and logging tools get to bottom.

Friction reducing effect makes sticky clay drilling much easier.

Tough plastic jugs are weatherproof and easy to carry; reduces waste and hauling.

RECOMMENDED DOSAGES

System	Dosage/100 Gallons	Function
Clay	1-2 pints	Slicks hole, prevents wall packing
Sand	1-2 quarts	Cleans hole, saves water
Gravel	2-4 quarts	Brings out gravel; keeps hole open.

In tough gravel, mix 25 pounds dry POLY GEL per 100 gallons water, then add one 1 quart LIQUID POLY GEL to bring out large gravel and stop caving.

PACKAGING

LIQUID POLY GEL is packaged in tough one-gallon plastic jugs, four jugs per case.

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