QUIK-GEL®
Viscosifier and Gellant

**Description**

QUIK-GEL is an easy-to-mix, finely ground, premium-grade, high-yielding Wyoming sodium bentonite. QUIK-GEL provides viscosity, fluid loss control and gelling characteristics to freshwater-based drilling fluids.

**Applications/Functions**

- Viscosify water-based drilling fluids
- Form a thin, low permeability filter cake to reduce fluid loss
- Reduce water seepage into permeable formations
- Improve hole-cleaning ability of drilling fluids
- Provide lubricity for drilling fluids
- Mix with fresh water to form a low-solids drilling fluid for general drilling applications
- Mix with foaming agents to make "gel/foam" drilling fluids for air/foam drilling applications

**Advantages**

- Single-sack product and cost effective
- Mixes easily and quickly reaches maximum viscosity
- Non-fermenting and non-toxic, suitable for environmental exploratory drilling and in drilling potable water wells
- Yields more than twice as much mud of the same viscosity as an equal weight of API oilfield grades of bentonite

**Typical Properties**

- Appearance: tan powder
- Bulk density, lb/ft³: 68 to 72 (as packaged)
- pH (3% solution): 8.9
- Yield, bbl/ton: >235

**Recommended Treatment**

- Add QUIK-GEL slowly through a jet mixer or sift into the vortex of a high-speed stirrer.
- As a general purpose drilling fluid, add 15-25 lb QUIK-GEL per 100 gallons of fresh water. In gravel or poorly consolidated formations, add 35-50 lb QUIK-GEL per 100 gallons of fresh water.
- To make up gel/foam systems, add 12-15 lb QUIK-GEL per 100 gallons of fresh water before adding foaming agents.