

GUMBO SHIELD®

CHANGING THE DYNAMICS ON HOW YOU DRILL GUMBO SHALES



GUMBO SHIELD® is a proprietary blend of stabilizing and film forming polymers, which provides a highly non-dispersive environment for gumbo type shales. **GUMBO SHIELD®** reacts with gumbo through absorptive action. It does not affect the rheology of the mud, tends to lower the API filtrate, and is easily added to any water-base drilling fluid.

Advantage and Benefits

- ◆ Encapsulates gumbo preventing large mud balls and rings
- ◆ Prevents bit and BHA balling
- ◆ Prevents flow line plugging
- ◆ Prevents shale shaker blinding
- ◆ Water soluble
- ◆ Non-polluting
- ◆ Non-toxic
- ◆ Does not adversely impact the LC₅₀ of the active system

Physical Properties

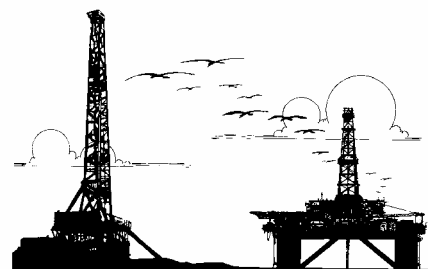
- ◆ Specific Gravity: 1.06
- ◆ Form: Creamy-tan liquid
- ◆ Thermally stable: 400°F
- ◆ Solubility in Water: Soluble

Packaging

- ◆ 55-gallon drums, 550-gallon bulk containers or disposable tote tanks.

Product Recommendation and Mixing Procedures

- ◆ A constant volume of 3%-6% should be maintained while drilling the problem zone. Addition or use rates are based on ROP, hole volume, and severity of the gumbo.



Sun ... The HOLE Solution Company!

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