Barite

Heavyweight Additive

Barite heavyweight additive is a barium sulfate material used to weight drilling muds and cement slurries. Typically, 85 to 90% of barite additive will pass through a 325-mesh sieve.

Applications

Barite additive is effective at bottomhole temperatures (BHTs) between 80° and 500°F (27° and 260°C). A barite additive concentration of 135 lb/sk of cement will provide a maximum slurry weight of 19 lb/gal.

Benefits

Barite additive can provide the following benefits:
• By increasing slurry density, it helps restrain high formation pressures and improve mud displacement.
• It is applicable in deep, high-temperature wells.
• The Environmental Protection Agency (EPA) does not classify barite additive as a hazardous waste.

| Barite Heavyweight Additive—Product Specifications |
|---------------------------------------------|------------------|----------------|----------------|
| Part No. (100-lb sk) | 100003680 | Specific Gravity | 4.230 |
| Part No. (Bulk) | 100003681 | Bulk Density | 135 lb/ft³ |
| Form | Pink, tan, or gray powder | |

HALLIBURTON
For more information on the benefits Barite Heavyweight Additive can bring to your cementing operations, contact your local Halliburton representative.