



Certified to
NSF/ANSI 60

BMR™

BENTONITE MUD REMOVER

DESCRIPTION

BMR is a non-phosphate granular product. BMR is certified to NSF/ANSI Standard 60, Drinking Water Treatment Chemicals - Health Effects.

RECOMMENDED USE

BMR removes bentonite that has been introduced as a drilling fluid and results in a tough layer of mud sometimes difficult to remove. Additionally, BMR removes naturally occurring clays that intrude into the gravel pack.

CHARACTERISTICS

- Contains no phosphates
- Decreases development time and cost
- Has the ability to separate and disperse clay particles
- Increases well productivity

DIRECTIONS FOR USE

1. Calculate quantity of BMR required according to the dosage table. Normal dosage is 0.33 lb per gallon of water. If gravel pack is present, the volume of water in it should be accounted for as part of the total well volume. Typical porosity of gravel pack is 30-40%.
2. Mix one part BMR to four parts water prior to pouring down casing. This helps the BMR dissolve thoroughly. Agitate the well lightly, and add water to force the BMR deeper into the gravel pack and formation.
3. Agitate the well as often as possible for a minimum of 12 hours. Well size and severity of blockage may increase or decrease agitation time. Agitate by surging, bailing, pumping, or jetting.
4. Pump the well a minimum of nine (9) full well volumes to effectively remove residual chemical and suspended clay particles.
5. (Optional) Chlorinate the well with a shock treatment of sodium hypochlorite to 500-1,000 ppm. Pump the well until free of chlorine.

BMR DOSAGE TABLE (5% SOLUTION)

Well Diameter	Lbs/10' of Water	Well Diameter	Lbs/10' of Water	Well Diameter	Lbs/10' of Water	Well Diameter	Lbs/10' of Water	Well Diameter	Lbs/10' of Water
2"	0.5 lb	6"	4 lbs	10"	10 lbs	14"	20 lbs	18"	33 lbs
4"	2 lbs	8"	7 lbs	12"	15 lbs	16"	26 lbs	20"	41 lbs

PACKAGING

50 lb plastic pails, 32 per pallet. All pallets are plastic-wrapped. Keep container closed to prevent caking.