



PRODUCT USAGE AND CROSS REFERENCE

(The reference is for application and function only and does not COMPARE usage rates of competitive products.)

WYO-BEN	BAROID	CETCO	M-I SWACO	DESCRIPTION
AIR FOAM®	Quik-Foam	--	--	Foaming agent for air drilling
BIG HORN 30	Baroid Granular Bentonite	C/S Granular	--	Casing Seal
BORZAN®	No-Sag	Suspend-It	Duo-Vis/Super-Vis	Biopolymer HDD Drilling Fluid
CLAYMASTER®	--	Clay Cutter	Kla-Guard	Liquid clay inhibitor
DRILL-X™ HP	Con Det	Drill Terge	Platinum D-D	Drilling detergent
DRIL-SOL™	--	--	--	Clay stabilizer mud conditioner
DRIL-TROL™ QD	Quik-Trol	Rel-Pac	Platinum Pac	Dry polymer viscosifier / fluid loss control
ENVIROPLUG® GROUT	Aquaguard	PureGold Grout	Smooth Grout 30	30% solids grout
ENVIROPLUG® MEDIUM & COARSE	HolePlug 3/8 & 3/4	PureGold Medium & Cetco Coarse	Kwik-Plug Medium & Coarse	Casing seal and abandonment
ENVIROPLUG® NO. 16	BenSeal	Crumbles	Kwik-Plug Micro	Casing seal
ENVIROPLUG® NO. 20	BenSeal	Crumbles	Kwik-Plug Micro	Casing seal
ENVIROPLUG® NO. 8	Casing Seal	Crumbles	Kwik-Plug Fine	Casing seal
ENVIROPLUG® TABLETS	Pellets	Cetco Tablets	Kwik-Plug Pellets	Casing seal and abandonment
EXTRA HIGH YIELD™	Quik-Gel	Super Gel X	Max Gel	220 barrel yield bentonite
FLOWMASTER® LV	Quik-Trol LV	Rel-Pak Xtra-Low	Platinum Pac UL	Dry polymer / low viscosity / fluid loss control
G-150 GUAR	--	Variflo QD	Guar Gum	Guar gum viscosifier
GROUT-WELL®	--	Cetco Grout	Smooth Grout 20	20% solids grout
GROUT-WELL® DF	Quik-Grout	Cetco Granular Grout	Gopher Grout	20% solids grout, low dust
HYDROGEL®	Aquagel	Premium Gel	MI-Gel	A.P.I. 13A, Sec. 9 bentonite
HYDROGEL® PLUS	--	--	--	200 barrel yield bentonite
KWIK-VIS™ "D"***	Poly-Bore	Shore Pac	Poly-Plus EHV	Dry polymer viscosifier
MICRO-GEL™	Tunnel-Gel Plus	--	--	Tunnel slurry, lubricating fluid
MTA-1™	--	--	--	Tunnel lubricating fluid additive
PLUG-IT™/Max	Diamond Seal	Macro-Fill	Polyswell	Loss circulation additive
PowerTEC	--	Cetco TC Booster	--	Graphite additive enhances thermal conductivity
SOLIDIBOND™ 1.1 & 2.2	--	SlurryBond		Highly efficient fluid solidification agent
SW-101™	Tunnel-Gel SW	--	--	Bentonite based sea water viscosifier
TD-16®	EZ-Seal	--	--	Grouting and abandonment
THERM-EX GROUT™	Barotherm Gold	Geo Thermal Grout	Smooth Grout Thermal	Thermally enhanced grout .93 to 1.2 Btu/hr-ft-°F
THINZ-IT®	Aqua-Clear PFD	Super Thin	Ringfree	Liquid mud thinner
TRU-BORE®**	Bore-Gel	Hydraul-Ez	Maxbore HDD	Premium HDD bentonite
UNI-DRILL®	Liqui-Trol	Super Pac	--	Liquid polymer viscosifier/fluid loss control
VC-55™	--	--	--	Vac. system lubricant
WYO-DEFOAMER™	Bara-Defoam 500	Cetco Defoamer	--	Foam breaker
WYO-FOAMER™ 800	AQF-2	VersaFoam Plus	Platinum Foam Plus	Premium all-purpose foam
WYO-LUBE RR	Dinomul 2	Cetco C-Lube	Rod Ease	Liquid Lubricant
WYO-VIS® HP	E-Z Mud	Insta-Vis Plus	Poly-Plus	Liquid viscosifier
WYO-VIS® LVP	E-Z Mud Gold	Insta-Vis Low Viscosity	Poly-Plus LV	Low viscosity shale inhibitor

* Usage applies only to Wyo-Ben products. ** Application rates for competitive products are significantly higher. (11/2019)



PRODUCT APPLICATION GUIDELINES

Based on 100 Gallon (378.54ltr) Make-up System
Use approximately 1.6oz of soda ash to bring water to a pH of 8 to 9

	Cobble	Sand & Gravel	Sandy Clay	Clay	Reactive Clay
Marsh Funnel Viscosity	60-65 Sec/Qt.	50-60 Sec/Qt	45-50 Sec/Qt	40-45 Sec/Qt	35-40 Sec/Qt
Borzan/Borzan D	5lbs	4lbs	3lbs	NA	NA
Claymaster	13oz – 16oz Depending on Sensativity of the Formation				
Dril-Sol	1gal – 1.3gals Depending on Sensativity of the Formation				
Dril-Trol QD	.25lb – 1lb Depending on Sensativity of the Formation				
Drill-X HP	.7qt – 1.3qts Depending on Sensativity of the Formation				
Extra High Yield	± 40lbs	± 30lbs	± 27lbs	± 23lbs	± 20lbs
Extra High Yield & Claymaster	NA	NA	± 27lbs & .5qt-1qt	± 23lbs & 1qt-1.5qts	± 20lbs & 2qts
Extra High Yield & Dril-Trol QD	± 30lbs & ± 4oz	± 25lbs & ± 6.5oz	± 20lbs & ± 9.5oz	± 17.5lbs & ± 13oz	± 215lbs & ± 1lb
Extra High Yield & Uni-Drill	± 30lbs & ± 11fl oz	± 25lbs & ± 19fl oz	± 20lbs & ± 26fl oz	± 17.5lbs & ± 1.2qts	± 15lbs & ± 1.5qts
Extra High Yield & Wyo-Vis LVP	± 30lbs & ± 5oz	± 25lbs & ± 7oz	± 20lbs & ± 11oz	± 17.5lbs & ± 1lb	± 15lbs & ± 1.5lbs
Hydrogel Plus & Uni-Drill	± 32lbs & ± 14fl oz	± 27lbs & ± 25fl oz	± 22lbs & ± 1qts	± 19lbs & ± 1.3qts	± 17lbs & ± 1.6qts
Kwik-Vis D	NA	NA	± 1.25lbs	± 12oz	± 8oz
Plugz-It Max	Pill – 30lbs/100gal, or Trickle at Suction as Needed				
SW-101	70lbs – 100lbs				
Thinz-It	1pt – 2pts for Mud Thinning, 2gal – 5gal Slug at Screen for Completion				
Tru-Bore	± 30lbs	± 25 lbs	± 22.5lbs	± 18lbs	± 12lbs
Tru-Bore & Claymaster	NA	NA	± 22.5lbs & .5qt – 1qt	± 18lbs & 1qt – 1.5qts	± 12lbs & 2qts
Tru-Bore & Dril-Trol QD	± 25lbs & ± 4oz	± 22.5lbs & ± 6.4oz	± 18lbs & ± 9.5oz	± 12lbs & ± 13oz	± 10lbs & ± 1lb
Tru-Bore & Uni-Drill	± 25lbs & ± 11oz	± 22.5lbs & ± 19oz	± 18lbs & ± 26oz	± 12lbs & ± 1.2qts	± 10lbs & ± 1.5qts
Tru-Bore & Wyo-Vis LVP	± 30lbs & ± 5oz	± 22.5lbs & ± 7oz	± 18lbs & ± 11oz	± 12lbs & ± 1lb	± 10lbs & ± 1.5lbs
Wyo-Lube RR	0.5% - 2% Addition by Volume as Needed				
Wyo-Vis HP	NA	NA	± 1.5qts	± 1qt	± 1qt
Wyo-Vis LVP	NA	NA	± 2.5lbs	± 2lbs	± 2lbs

(11/2019)