

**DRILLING STICKS FOR BETTER HOLE PENETRATION PRODUCTS**

NAME/PART NO.	SIZE	DESCRIPTION & USE
SAPP DRILL BIT STICKS Off Yellow (Water Soluble Tube)  ) ACL-SAP	1 1/4 X 15	Condensate dispersible, water soluble stick containing a combination of surfactants, blended with sodium acid pyrophosphate. Will perform in the presence of salt, or in fresh water systems. Primarily designed as a mud thinner/dispersant. However, other advantages are:(See Tech Data Sheet)
DRILL BIT STICK Blue (Cardboard Tube)  ) ACL-DBS	1 1/4 X 15	DRILL BIT STICKS are water soluble condensate dispersible sticks containing a combination of surfactants and friction reducers. Designed to perform in fresh and salt water conditions to increase the drilling efficiency and the life of the drill bits. Helps prevent clay from sticking and balling up.
WALNUT WONDER DRILL BIT STICK Black Brown Chips (Cardboard Tube)  ) ACL-WWS	1 1/4 X 15	Modified Drill Bit Stick with higher concentration of surfactants and friction reducer plus 20 percent of fine Walnut shell. Used to prevent bit balling and clean a slightly balled-up bit when combined with high GPM circulation due to its blasting effect.
WONDER DRILL BIT STICK Black (Cardboard Tube)  ) ACL-WDS	1 1/4 X 15	Water soluble condensate dispersible sticks containing both coating agent & friction reducers. Designed to perform in fresh and salt water to increase the drilling efficiency & life of drill bits. The slick coating & foaming action increases efficiency by preventing clay's from sticking, balling up the bit and plugging jets as well as optimizing mud and cutting returns and improving penetration into the formations.

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