"FILLING ALL OF YOUR DRILLING AND PRODUCTION NEEDS" PRODUCTION ENHANCEMENT SYSTEMS, LLC

BEADLEJUICE

SLICK & SLIDE

DRILLING MUD LUBRICANT AND TREATING COMPOUND

SLICK & SLIDE is a special lubricant designed to reduce torque and drag in most oil & water based drilling mud systems

PHYSICAL PROPERTIES

FORM

Clear-Light Amber, Milky White (100% Active) PACKAGING

5 Gallon Plastic Pails, Drums, or Totes

COMPOSITION

SLICK & SLIDE is a proprietary blend of non-polluting surfactants. It is non-flammable and biodegradable.

BASE FLUIDS

SLICK & SLIDE may be used in water, seawater, and sodium and potassium chloride base muds.

APPLICATIONS

Control Bit Bailing: Soft shales have fewer tendencies to adhere to bits and drill collars when **SLICK & SLIDE** is present in the drilling mud.

Torque and Drag Reduction: **SLICK & SLIDE** is recommended to improve the lubricity of drilling muds. It reduces friction between the drill string and walls of the hole. Torque and drag common in crooked and directional holes can be minimized.

BENEFITS

SLICK & SLIDE eliminates hydrocarbon oil and associated pollution problems. It has little effect on rheological properties of drilling muds, is non-fluorescent and aids in minimizing foaming problems in freshwater muds.

MIXING INSTRUCTIONS

SLICK & SLIDE can be added directly to the suction pit. It may be added as follows, depending on the situation: Treatment of total mud system Batch or slug treatments Small continuous treatments

RECOMMENDED FIELD TREATMENTS

For excessive drag while drilling slug with 1-5 pails at pump suction followed by periodic hourly slugs as required. For drag on trips slug with 2-4 pails prior to trip. To control bit bailing while drilling use: (a) 2 pails per 100 barrels of mud system; (b) A small stream of SLICK & SLIDE added continuously while drilling.

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"OUR GOAL IS TO EXCEED YOUR EXPECTATIONS"