BaraSpot™-581

PIPE-FREEING AGENT

Product Description

BaraSpot™-581 (formerly CFS™-581) pipe-freeing agent is a liquid blend of components designed to be mixed with brine and pumped downhole to dissolve any acid-soluble materials causing differential sticking of downhole tubulars. In the event of stuck pipe it is common practice to pump live acid to free the pipe, but live acid can be spent prior to reaching the stuck pipe location. Once the BaraSpot-581 pipe-freeing agent is mixed in brine, it releases acid over time to facilitate placement of the product prior to acid generation. Other components in the blend help to break emulsions and significantly reduce friction between pipe and casing or formation.

Applications/Functions

» Frees differentially stuck pipe across carbonate formations or in muds containing carbonate bridging material
» Can be used in oil-based mud or water-based mud
» Product comprises delayed action acid, lubricant and emulsion breakers

Advantages

» Much lower HSE impact than the use of live acid
» Can be placed before the acid is released, maximizing its effect
» Contains emulsion breakers to improve acid action in oil-based mud
» Can be mixed with most brines
» Contains components to reduce friction between drill-string and casing or wellbore

Typical Properties

» Appearance: Slightly viscous colorless fluid
» Specific Gravity: 1.15

Recommended Treatment

To be mixed with brine at 20% by volume and pumped into position over the stuck zone.

Allow adequate time for action, four to ten hours may be required depending on temperature.

Packaging

BaraSpot-581 pipe-freeing agent is packaged in 200-lb (90.7-kg) drums, 463-lb (210-kg) drums and in bulk.