HYDROCARBON LIQUID FOAM STICK

Tech Data Sheet
ACL-26 (AC-26) SERIES

WATER SOLUBLE TUBE (OFF WHITE)

SUPER HIGH FOAMER 99.9% - (Excellent in hydrocarbon laced wells)

HYDROCARBON LIQUID FOAM STICKS are concentrated foam sticks that contain 100% active surfactants, in water-soluble tubes. Natural gas bubbling through the water column and the 100% active ingredients produces foam which helps remove water from gas wells.

PRODUCT USES & ADVANTAGES:

These sticks are primarily used to remove water from gas wells and increase gas production. This foaming action decreases the hydrostatic back-pressure which increases gas production that further enhances the foaming action until the well unloads. This stick contains a 100% active foamer in a water soluble tube. They can develop stable foam in high brine solutions. They are an economical way to remove water from gas wells without using expensive well service operations.

TREATMENT DETERMINATION & PROCEDURE

Field tests indicate that the best results were achieved by using a larger initial slug treatment of 1/8 to 1/4 Percent by weight of these sticks to water above the perforations. This would require .44 to .88 lb of stick per BBL of water.

PART NUMBER	STICK SIZES	STICK RATIO INITIAL SLUG TREATMENT
ACL-2650	1 1/4 X 15	1 TO 2 STICKS PER 1 BBL's OF Total Fluid

NOTE:

This amount is recommended for an initial slug treatment. In many cases, removing the top few hundred feet of fluid may often be sufficient to allow the production of natural gas to blow out the remaining fluid in the well. To determine the optimum amount for periodic treatments you may choose to gradually reduce the initial treatment. Periodic treatments may be necessary to prevent production decline due to the gradual water build-up. Gas bubbling through water is necessary to create foam. If a well is totally dead, ***GAS STICKS*** may be used in conjunction with this stick to provide agitation energy.

THE MOST COMMON PROCEDURE

Is to shut-in the well and drop sticks through a lubricator. Wait 10 minutes until sticks dissolve then slowly return well to normal production. For high rate wells flow well at about 25 percent of pretreatment rate for 30 minutes or until foam reaches surface then return to normal production. For shallow or low rate wells leave well flowing while dropping sticks.

PRODUCT SPECIFICATIONS

The stick will normally dissolve in 12 to 16 minutes depending on temperature, salt hydrocarbon content and relative water motion. The melting point of the sticks is 160 degrees F. The stick will dissolve in water in wells with BHT below 16 degrees (just at a slower rate).

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