



PRODUCTION ENHANCEMENT SYSTEMS, LLC

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ORANGE BLAST STICKS

ORANGE BLAST STICKS are water soluble sticks containing a combination of surfactants. Natural gas bubbling through the water-column and surfactants produces foam, which can help remove water from watered-up gas wells.

PRODUCT USES:

ORANGE BLAST STICKS are primarily used to remove water from gas wells and increase gas production. The foaming action decreases the hydrostatic back-pressure which increases gas production that further enhances the foaming action until the well unloads.

ORANGE BLAST STICKS can be used to remove fluid from gas-condensate wells and flowing oil wells. For gas-condensate wells with more than 75% condensate, it is recommended to use Production Enhancement Systems, LLC. OIL FOAM STICKS in conjunction with ORANGE BLAST.

ORANGE BLAST STICKS can be used to increase the swabbing efficiency and life of swab cups. The extremely slick coating along with the foaming action increases efficiency and life of the swab cups and allows the well to flow easier. The perforations are often cleaned as a result of the surfactants and swabbing action.

ORANGE BLAST STICKS are used in water injection wells in combination with ACID STICKS to help reduce injection pressures. Surfactants contained in ORANGE BLAST STICKS can help remove oil coatings on scale. This helps the ACID STICKS react with the exposed scale.

PRODUCT ADVANTAGES:

ORANGE BLAST STICKS are an economical way to remove water from gas wells without using expensive well service operations such as swabbing, jetting and coiled tubing or installing artificial lift and siphon strings.

TREATMENT DETERMINATION & PROCEDURE FOR WATER REMOVAL:

The number of ORANGE BLAST STICKS to be used is based on the volume of water above the perforations. Field tests indicate that the best results were achieved by using a larger initial slug treatment of ½ to 1 percent by weight of ORANGE BLAST STICKS to water above the perforations. A treatment of ½ to 1 percent by weight would require 1.75 to 3.50 lbs. of stick per barrel of water.

DISCLAIMER OF LIABILITY:

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