

# MARASEAL<sup>sm</sup>



## Isolate Producing Wells from Water Influx

The Science of Enhanced Oil Recovery

MARASEAL gel is formulated with low molecular weight polymers that allows for penetration into matrix pore spaces for a complete shut-off squeeze treatment. Unlike MARCIT® technology, which does not enter the matrix, MARASEAL is specifically designed with low viscosity prior to crosslinking to aid in injectivity. The concentration of MARASEAL is much higher, about five wt%, which results in a rubber-like ringing gel. When placed in small openings such as pore throats and small channels in cement behind casing, the result is total shut-off. MARASEAL is a clear fluid that works by entering the reservoir and reducing permeability, not by simply plugging the perforation as in cement treatments.

MARASEAL is never a drill-out problem. Simply wash through any material left in the pipe for easy clean out. The working time of MARASEAL is easily controlled by adjustments to the formulation to achieve a working time to minimize rig time or maximize pumping time.

### MARASEAL

- Polymer
  - WATER-CUT® 50
- Crosslinker
  - WATER-CUT® 684

