

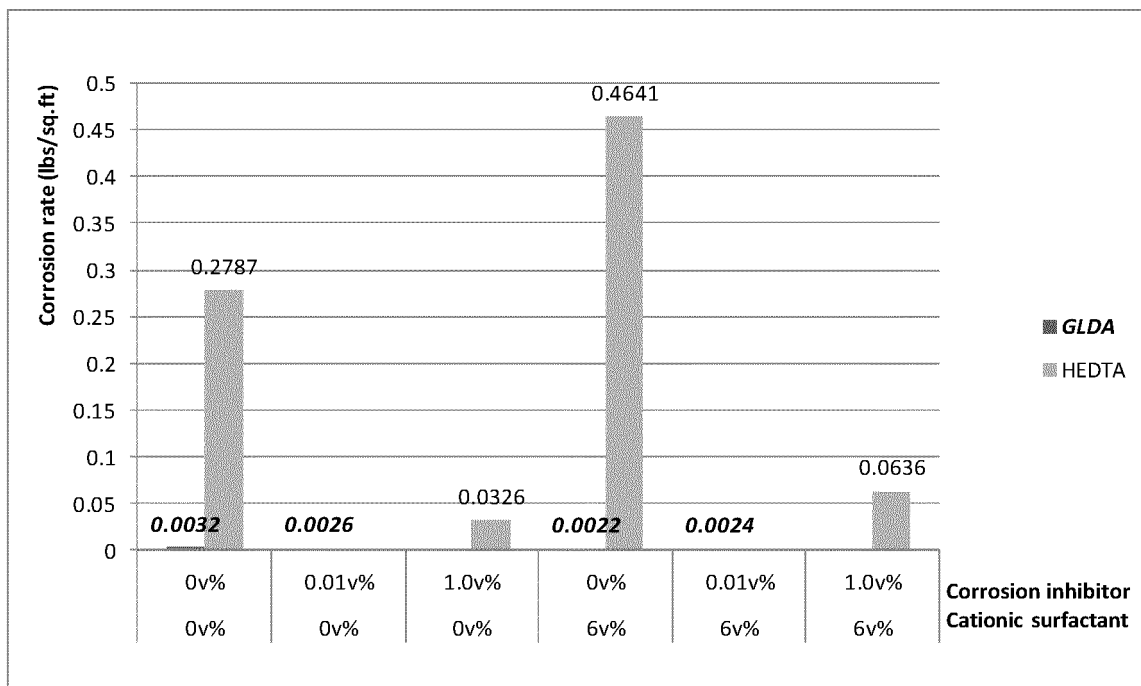


Figure 1 - The corrosion rate after a 6 hour corrosion test at 325°F (=163°C) of 0.6 M GLDA and HEDTA at pH=3.8 and 1000 psi nitrogen (N₂) pressure, with 0-1.0 vol% corrosion inhibitor (Armohib 31) and 0 or 6 vol% cationic surfactant (Arquad C-35 (35% active ingredient))

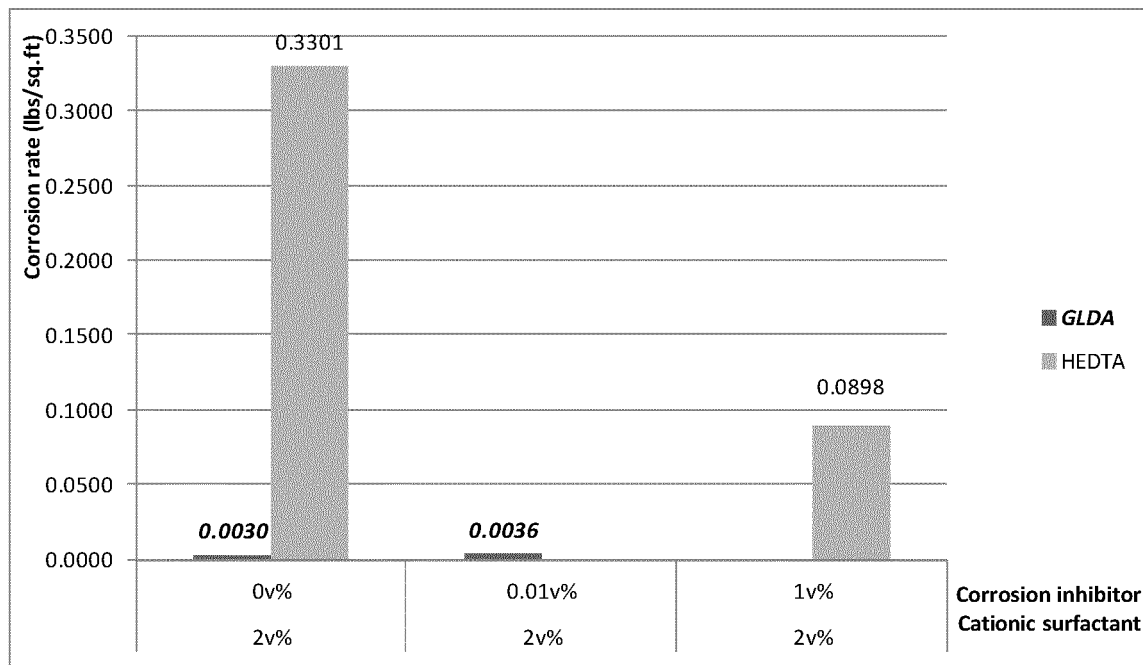


Figure 2 - The corrosion rate after a 6 hour corrosion test at 325°F (=163°C) of 0.6 M GLDA and HEDTA at pH=3.8 and 1000 psi nitrogen (N₂) pressure, with 0-1.0 vol% corrosion inhibitor (Armohib 31) and 2 vol% cationic surfactant (Ethomeen C/22).

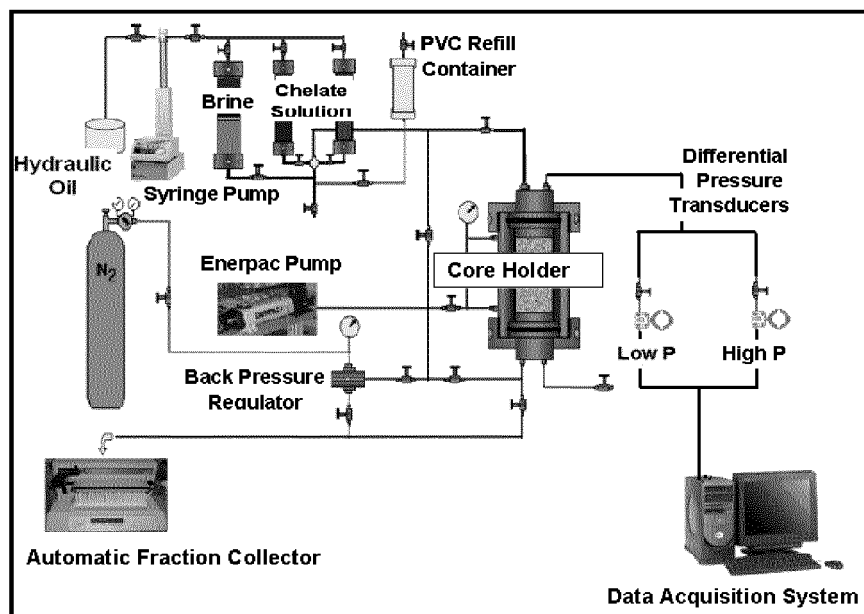


Figure 3 - Core flooding set-up.

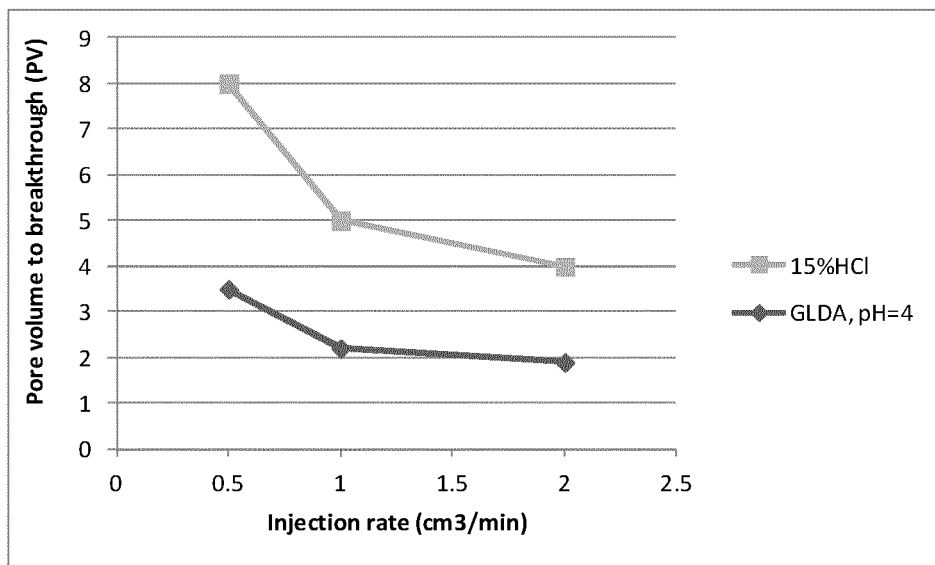


Figure 4 - The pore volume to breakthrough of 20 wt% GLDA at pH=4 compared to 15 wt% HCl in 20-inch Indiana limestone cores as a function of the injection rate.

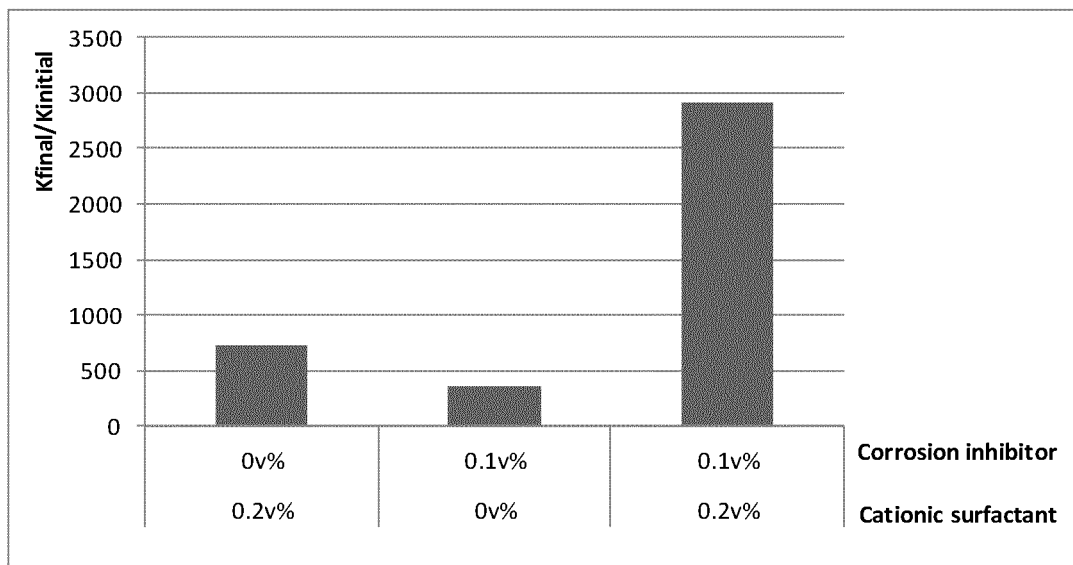


Figure 5 - Permeability ratio for the Indiana limestone cores treated with 0.6M GLDA (pH =4) with corrosion inhibitor (Armohib 31) and/or cationic surfactant (Arquad C-35) at 300°F and 2 cm³/min.