

## CASE STUDY: Gelled polymer Breakdown

<b>INDUSTRY</b>	Oil & Gas
<b>PROJECT NAME</b>	Breakdown viscosity of gelled polymer
<b>PRODUCT TYPE</b>	Feasibility Study
<b>DESCRIPTION</b>	Research study and techniques to completely break down viscosity of gelled polymer fluids by introducing microbes in a hydraulic fracture after a treatment.
<b>RESULT</b>	The Main purpose of was to explore potential biotechnological solutions of the complex gel breaking problem and to outline an R&D project that can lead to experimental testing and optimization of the best solution. The study provided a through analysis of the key parameters, including possible roadblocks that may stand in the way of the development of successful technology. The feasibility study identified live microbial systems or components which can be exploited in the complex task of gel breaking.
<b>DURATION</b>	4 months

File DOC-10 / Break down viscosity of gelled polymer

