

Polymer Injection Project in an Unconsolidated Sandstone in Neuquén Basin, Argentina

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ABSTRACT

El Corcobo Norte field (Neuquén Basin, Argentina) was selected for a polymer injection pilot that started early in 2012. Being an unconsolidated sandstone, medium-heavy oil reservoir, the field was developed through cold production with sand (CHOPS) and with waterflooding as a main drive. After EOR technologies screening, two processes were selected to improve oil recovery in El Corcobo Norte field: ASP and Polymer flood. Polymer injection pilot has been running for five years and remains under evaluation. However, information already obtained from the project is considered reliable enough to propose an expansion phase for this project. The current presentation will focus on the design, execution and evaluation of a polymer injection pilot, as well as an overview of the field expansion.