

Surveillance Fishbones

A collaborative output from the SPE Aberdeen 3rd Inwell Flow Surveillance & Control Seminar 3 October 2017

Inwell Flow Surveillance & Control Seminar



The Surveillance Fishbones are a product of breakout session by the participants of the SPE Aberdeen's 3rd Inwell Flow Surveillance and Control Seminar 3rd October 2017. The output is a snapshot of the collective input and knowledge on the day and is by no means a definitive list. The information presented is not representative of the conference sponsors. The fishbones are intended to be an introduction to the various tools and techniques that exist in the oilfield to study various reservoir, wells and optimisation themes. They are grouped into the themes of pressure, integrity, vertical lift, inflow performance, reservoir characterisation and well testing & performance. Different tools and techniques should be easily searched for and discovered on the web, the fishbones should serve as a handy reminder or a prompt for engineers and managers. The concept of publishing a surveillance toolbox arose of out the Oil and Gas UK's Reservoir and Wells Optimisation Taskgroup's annual forum where the challenge to get appropriate surveillance was identified in the top 5 initiatives that could promote more production benefitting interventions. The SPE surveillance committee adopted the initiative and incorporated it into their 2017 agenda. Distribution and use of the diagrams is widely encouraged by the SPE's surveillance organising committee, any updates, forgotten best practices or new techniques can be incorporated into a similar breakout session in the conference to be held in 2019.



-Reservoir pressure







Retrofit Capability



