



AFES Meeting November 2011



Station Hotel, Guild Street

Wednesday 9th November 2011, 6.30 PM

Low Salinity water injection: evaluating the EOR potential By Laurent Schirrer (Oilgen)

Drinks and buffet sponsored by



Abstract:

An increased oil recovery effect from the injection of Low Salinity water was first observed on cores in 1996. In recent years, the experimental and theoretical understanding of this technique made significant progress and first field applications took place. While the microscopic mechanisms explaining the effect remain under debate, and the technique is not yet a “deterministic” science, steps to evaluate the feasibility of a field project are understood. The evaluation process is experimental and multi-disciplinary by nature. As first North Sea projects are underway, challenges remain for a generalised commercial implementation in tertiary mode. The aim of this talk will be to raise awareness on Low Salinity injection, to present evaluation techniques, and to help identify limiting factors for deployment in the offshore North Sea environment.

Biography: Laurent Schirrer

Laurent, 41, graduated Ingénieur at the Paris School of Mines, and holds a MSc in Geology from the I.F.P. He started his career in reservoir engineering at Total. He held several positions in development, reservoir or subsurface management for Melrose Resources, Lundin Britain, Total and Taqa, as a staff or as an independent consultant. Among the projects he brought from concept to execution: a world premiere North Sea frac job; the Alwyn Triassic project; the development of first oil ever found in the Nile Delta; the redevelopment of Pelican Brent. In 2011, Laurent Schirrer and associate opened Oilgen, a company specializing in reservoir engineering, subsurface and advisory services, based in Aberdeen. Since opening, Oilgen completed their first North Sea EOR project and the field development plan and reservoir study of a major discovery in West Africa.