



Curriculum Vitae – Bruce Buchanan

Executive Summary

With a degree in instrumentation Technology from Northern Alberta Institute of Technology and a career spanning 34 years in transient analysis and cased hole logging with a particular emphasis on production logging. Bruce has worked as a field engineer, analyst, and trainer and on the introduction of new tools and techniques for Schlumberger. Bruce trained with the original Bourdet and Gringarten team in Flopetrol Schlumberger. Fluent in English (mother tongue), French, Portuguese and a high standard in Spanish Bruce now works as a consultant and trainer in PL and PTA with KAPPA and is based in Brazil.

Employment History

2008 to date

KAPPA

Training and Consulting Engineer providing technical support, training and consulting services to KAPPA clients.

2000 to 2003

Schlumberger Saudi Arabia:

Production logging, corrosion and saturation monitoring (TDT and RST) conducting analysis, field work and training in all techniques.

1992 to 2000

Schlumberger Libya:

Running and analyzing all cased hole services including PLT corrosion monitoring and transient analysis. Introduced the DEFT tool and memory PLT.

1990 to 1992

Schlumberger Nigeria:

Assigned to lead operations to run and analyse the through tubing caliper tool for SLB (FTCT). Ran multiple PLTs and field tested the RST reservoir saturation tool and benchmarking against open hole logs.

1986 to 1990

Schlumberger Algeria:

Assigned to lead transient analysis operations. Later moved into production logging, perforating and cased hole services.

1983 to 1986

Flopetrol Spain:

Assigned as systems analysis engineer in charge of transient analysis providing consulting services to Spanish and multinational clients. Planned and executed high accuracy pressure gauge jobs and followed through with analysis and presentation of the results including reserve estimation where applicable.



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1979 to 1983

Flopetrol Brazil:

Assigned as electric line engineer running high accuracy pressure gauges for clients throughout the Region. During this period was sent to France for six months to attend one of the first transient analysis schools in Flopetrol under Bourdet and Gringarten. analysis engineer in charge of transient analysis providing consulting services to Spanish and multinational clients. Planned and executed high accuracy pressure gauge jobs and followed through with analysis and presentation of the results including reserve estimation where applicable.

1974 to 1979

Flopetrol (various):

After three months training assigned as electric line engineer running high accuracy pressure gauges for clients throughout the world.