



PERA – Petroleum Engineering Reservoir Analysts

Appendix H – Author CV

Curtis H. Whitson, PhD

Curtis Hays Whitson is professor of petroleum engineering at the Norwegian University of Science and Technology (NTNU), Dept. of Petroleum Engineering & Applied Geophysics; he founded the international consulting company PERA in 1988, as well as Petrostreamz in 2006, a petroleum software company dealing with optimized IAM.

Home

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Whitson researches and teaches both university and industry courses on petroleum phase behavior (PVT), gas-based EOR, gas condensate reservoirs, integrated-model optimization, petroleum-streams management, liquid-loading gas well performance, and liquids-rich shale well optimization. He has co-authored two books: **Well Performance** (Golan and Whitson) and the SPE monograph **Phase Behavior** (Whitson and Brulé), co-authored some 100 papers, and has written three chapters of edited books.

Whitson consults extensively for the petroleum industry through *PERA*, a specialty consulting company he founded in 1988. *PERA* staff consult on *compositionally-sensitive reservoir processes* for most major oil companies worldwide. Whitson is also CTO at *Petrostreamz* which has developed the new-generation software *Pipe-It* for optimized IAM.

Whitson has a B.Sc. degree in petroleum engineering from Stanford University and a PhD degree from the Norwegian Institute of Technology (now NTNU). He is an honorary member of the Society of Petroleum Engineers (SPE), and he received twice the Cedric K. Fergusson award (as co-author with Øivind Fevang, 1997 and Lars Høier, 2001), and the Anthony F. Lucas Gold Medal (2011) from the SPE. He received the 2010 Excellence in Research Award from Statoil for his contributions to gas-based EOR and fluid characterization. Whitson was elected into the Norwegian Academy of Technological Sciences (NTVA) in 2012.

Profession Experience

Professor	NTH / NTNU	1987-2013
Founder & President	Petroleum Engineering Reservoir Analysts, PERA AS	1988-2013
Founder & CTO	Petrostreamz AS	2006-2013
Consultant	Independent / PERA / Petrostreamz	1980-2013
Invited Keynote Speaker (~10)	PVT / EOR / Gas Condensate worldwide	1988-2013
Industry One-Week Courses (~100)	PVT / EOR / Gas Condensate worldwide	1988-2013
Specialist Training Consultant	Phillips Petroleum Company	1990-1991
Lecturer	NTH / U. Stavanger	1980-1986
Graduate Assistant	NTH / NTNU	1978-1980

Professional Awards

Norwegian Academy of Science	NTVA	2012
Anthony F. Lucas Gold Medal	SPE	2011
Excellence in Research Award	Statoil	2010
Best Paper Award	SPE Reservoir Engineering	1996
Cedric K. Fergusson Award	SPE (jointly with Øivind Fevang)	1997
Cedric K. Fergusson Award	SPE (jointly with Lars Høier)	2001

Books Published

Well Performance	IHRDC / Prentice-Hall (2 ed.)	1986
Phase Behavior	SPE Monograph	2000
Chapters in Edited Books (3)	AAPG / AIChE / SPE	1992-2008