SPWLA Houston Formation Testing SIG Meeting

Date: Tuesday, September 27th, 2011

Time: 7:45 AM – 3:30 PM

Reservations: Email Ken Kemp with the subject "FTSIG" by 9:00 AM, September 26th, 2011

KKemp@hess.com

Cost: $25 (payment at the door or via PayPal)

Place: Meeting room 04.001/.027 (4th floor combined meeting rooms #1 and #27)
Hess Tower
1501 McKinney
Houston, 77010

Attendees will need to check in with the security desk in order to get to the 4th floor

Parking: Many surrounding parking garages (on your own)

Meeting Agenda

The meeting's morning session will consist of 5 presentations. The afternoon session will include 3 presentations from various operators and a panel on pressure gradients and sampling moderated by Ken Kemp. The panel attendees will include operators and subject matter experts from four service companies (Baker Hughes, Halliburton, Schlumberger, and Weatherford).

Time	Speaker	Company	Title
7:45 – 8:20	Registration – Conference Continental Breakfast		
8:20 – 8:30	Ken Kemp	Hess	Welcome, Orientation
8:30 – 9:00	Margaret Waid	Weatherford	History Detective: Tracking breakthroughs in formation testing and sampling through the years (and why they are).
9:00 – 9:30	Bill Seckar	Halliburton	Sticking the FT, A Practical Look at the Data
9:30 – 9:45	Break		
9:45 – 10:15	Julian Pop	Schlumberger	Challenges in sampling while drilling operations
10:15 – 10:45	Basak Kurtoglu	Marathon	Integrated Approach to Understand Formation Deliverability in Unconventional Reservoirs
10:45 – 11:15	Javier Franquet	Baker Hughes	Cap-rock Integrity Testing Through Open-hole Micro-Fracturing in Caspian Sea Sub-salt Formations
11:15 – 12:30	Lunch		

12:30 – 12:40	Ken Kemp	Hess	Panel Moderator – “Pressure Gradients + Sampling” titled Panel Structure
12:40 – 1:10	Bo Cribbs	Chevron	Compartments for Beginners: Wellbore Formation Testing in the Real World
1:10 – 1:40	Melton Hows	Shell	Statistical Errors in Pressure Gradients
1:40 – 2:10	Daniel McKinney	Shell	Integration of Advanced Mud Gas Logging with Wireline Formation Testing, Gradients and Downhole Fluid Analysis
2:10 – 2:25	Break		
2:25 – 3:15	Panel Discussion Q&A		
3:15 – 3:30	Wrap-up		

Speaker Bios

Bo Cribbs
M. E. (Bo) Cribbs has 31 years of Reservoir and Production Engineering experience working for Chevron. His expertise is in general Reservoir Engineering with emphasis in deep water evaluations, well logging, well testing and fluid sampling. Bo’s assignments have spanned the Middle East, the Gulf of Mexico, Offshore West Africa, Offshore Canada and Offshore Brazil. His current assignment is to Chevron’s Deepwater Gulf of Mexico Appraisal Team working on Deep Water Exploration and Appraisal data evaluation programs. Bo has helped to plan and execute over two dozen offshore well tests, personally supervising over a dozen. Bo is a member of SPE, AAPG and SPWLA. He has been privileged to be the keynote speaker at several Industry Forums and has been an author on 12 technical papers for professional journals. Bo serves as an SPE Technical Editor and helps teach the Deepwater Well Testing session at CVX-BP Drilling Training Alliance School.

Javier Franquet
Javier has 15 years of Rock Mechanics experience in the Oil and Gas industry, and he is currently working as a geomechanical advisor for Baker Hughes Reservoir Development Services (RDS) in Houston, TX. Javier started his career in 1996 as a Geomechanical Researcher at PDVSA’s Research and Technology Center in Venezuela. In 2004, he joined Baker Hughes in Abu Dhabi, UAE as Sr. Geoscientist. He was involved in multi-disciplinary projects in many regions of the world implementing diverse geomechanical applications for the petroleum industry. Javier has his B. Sc. in Mechanical Engineering from Simon Bolivar University – Venezuela, M. Sc. in Petroleum Engineering from Texas A&M University, and M. Sc. in Reservoir Geosciences and Engineering from IFP School - France.

Melton Hows
Melton is currently working in Shell’s FEAST team, Fluid Evaluation And Sampling Technologies, as a petrophysicist. He started his career as a mechanical engineer doing steam and gas piping design, primarily in the Geothermal power industry. He entered the oilfield in 1998 as a wireline field engineer with Schlumberger and worked in various international locations. After leaving the field, he worked as the reservoir and production domain champion in Libya and then in Houston in GoM. After 9 years with Schlumberger, he joined Shell International E&P in 2007. Melton received his B.S. degree in Mechanical Engineering from Auckland University in New Zealand, and his M.Sc. degree in Petroleum Engineering from Stanford University

Ken Kemp
Ken has 32 years of experience in the Petrophysics area, and he is currently working as a Senior Petrophysical Advisor in Hess' Exploration and Production Technology group. After beginning his oilfield career as a well logging engineer in the Illinois Basin, he worked at Sun E&P/Oryx Energy in Dallas, TX. Ken received BS degrees both in Physics and Mathematics from the University of Mississippi.

Basak Kurtoglu
Basak Kurtoglu is a reservoir engineer working for Marathon Oil in Houston, TX. She holds B.S. degrees in petroleum and natural gas engineering and in chemical reaction engineering from the Middle East Technical University in addition to her M.S. degree in petroleum engineering from Colorado School of Mines. Basak is currently pursuing a PhD degree at Colorado School of Mines with a research topic "Enhanced Oil Recovery in Unconventional Reservoirs". She joined Marathon as a reservoir engineer in the Upstream Technology, Houston, and worked in the Bakken Asset Team, Houston. Her main research interests are pressure- and rate- transient analysis, modeling fluid flow in porous media, multi-fractured horizontal well technology, experimental measurements and enhanced oil recovery methods in unconventional reservoirs.

Daniel McKinney:
Daniel has been working in Shell's FEAST Team, Fluid Evaluation and Sampling Technologies, since 2004, and he is Shell's subject matter expert (SME) on Operations Geochemistry. He joined the research department of Shell in March of 1998 applying reservoir geochemistry and hydrocarbon fingerprinting technologies. From 2001 to 2004, he was the acting operations Geochemist for Shell's Gulf of Mexico operations, stationed in New Orleans where he helped develop time lapse Geochemistry tools for reservoir surveillance as well as application of advanced mud gas analysis. Daniel graduated with a B.S. in Chemistry and a Ph.D. in Material Science and Engineering from The Pennsylvania State University in 1992 and 1998, respectively.

Julian Pop
Julian Pop is an Engineering Advisor working for Schlumberger Oilfield Services in Sugar Land. He is currently involved in the development of design, architecture, algorithms, and specifications of the hardware, software and answer products for the Formation Pressure and Sampling While Drilling tools. Since joining the company in 1979, he has had technical and managerial involvement in interpretation development projects for completion, formation testers, management of tool and interpretation software. He has also taught at the University of Texas at Austin and at Rice University in Houston, TX. Julian holds a BS degree in Mechanical Engineering from the University of Melbourne, Australia, an MS degree from the John Hopkins University, and a PhD degree from Rice University. He has co-authored several SPE & SPWLA publications and is the co-holder of numerous patents.

Bill Seckar
Bill Seckar is a Senior Technical Advisor for Formation Testing and Sampling in Gulf of Mexico which is a part of Halliburton's Wireline and Perforating product line in Houston, Texas. He started his career in the oilfield as a field engineer with Schlumberger in 1997 in Liberal Kansas. In 1999, he transferred to Gulf of Mexico fulfilling multiple roles in both open-hole and cased-hole wireline positions. In 2005, he moved to Formation Testing and Sampling in the Gulf of Mexico. In 2009, he joined Halliburton at his current role in Houston to lead Halliburton's Formation Testing and Sampling in the Gulf of Mexico. Bill received Bachelors of Science degrees in Chemical Engineering and in Biochemistry from the University of Kansas. He is a member of SPWLA and SPE.

Margaret Waid
Dr. Margaret C. Waid is Manager of Reservoir Engineering in Geoscience Development at Weatherford International in Houston, Texas. Prior to that, she was Project Manager of the development of the RES formation testing tool in Wireline R&D in Fort Worth. She received a B.S. with majors in Mathematics, Physics, Chemistry, and Biology in 1961 and an M.S. in Mathematics in 1963 at LSU. In 1971, she earned a Ph.D. in Mathematics at Texas Tech University in Lubbock, specializing in reservoir porous media applications. Dr. Waid was a Mathematics Professor at University of Delaware in Newark for nine years before joining Schlumberger in Houston. Dr. Waid has become one of the leading scientists in the

oil industry who specializes in formation testing and sampling. Her experience includes NL Sperry-Sun (well testing and chemical treating operations) and Halliburton, followed by consulting on formation testing and sampling, before joining Precision Energy Services/Weatherford in 2004. Dr. Waid has authored many technical papers and holds over 20 patents (two are for automatic crawfish peeling machines). She has been active in SPE and SPWLA for many years