

PETEX VOICE of TRAINING

No. 490

Fall 2009

PETEX + Sealweld = Best-in-Class Valve Training

By Dean Chisholm, President of Sealweld Corporation

Valves—the most common control device in any pipeline, plant, or platform—must turn on demand and seal when required. In short, they keep the oil and gas industry in business. “Preventative valve maintenance can mean the difference between optimal operations and an unscheduled shutdown,” noted PETEX Assistant Director, Peter Kosewicz. Every second of downtime means lost revenue, so the ability to safely service valves inline and under pressure without shutting down is a universal goal of operators.

To ensure top valve performance, PETEX and Sealweld Corporation have joined forces to provide the best of both worlds in valve maintenance training. PETEX has been delivering quality training to oil and gas industry personnel for over 65 years with schools such as Valves and Actuators. Sealweld has been servicing valves and educating clients for over 40 years through the ValvePro® training program and has graduated hundreds of students from countries around the world. Now, PETEX and Sealweld are customizing and delivering the ValvePro Valve Maintenance program to the energy industry in a blended learning format, combining online and hands-on instruction to make this program the most complete valve care training available today.

Traditionally, such training was conducted on the

job with senior staff passing knowledge to new hires informally and without accreditation. The ValvePro program ensures every technician is equipped with a common standard of basic knowledge to safely perform the potentially hazardous jobs of servicing

and maintaining valves in operation.

Designed by seasoned valve engineers and field technicians with input from training specialists, this program teaches field personnel to safely service and maintain every type of ball, gate, and plug valve, and how to identify dangerous valve fittings and safely install fittings and adapters. The program also covers care of high-pressure guns and pumps and the attributes of lubricated valves commonly found in pipelines, plants, and offshore facilities. Based

largely on the popular Valve Maintenance Safety Training Seminar, ValvePro offers practical and relevant information from troubleshooting thousands of valve maintenance problems. The course combines computer-based online training with a three-day instructor-led course. Successful completion awards students PETEX certification as a Valve Maintenance Certified Technician.

Sealweld and PETEX share a legacy of excellence. Since 1944, the oil and gas industry has relied on PETEX to deliver the quality training necessary to meet client needs. PETEX continues expanding its global reach to provide state-of-the-art training formats. This new alliance with Sealweld is another example of PETEX addressing client needs through innovative training solutions.

ValvePro® is designed to establish a baseline understanding for new hires and serves as a refresher program for more experienced personnel. To learn more, visit www.valvepro.com.



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PETEX PERSPECTIVES

From Director Greg McCormack



On August 27, 1859, “Colonel” Edwin L. Drake and the Seneca Oil Company drilled 69 feet deep and struck oil in the Venango Oil Field near Titusville, Pennsylvania, producing about 40 barrels of oil a day. The petroleum industry developed from these humble beginnings.

Today, with current drilling technology, we are drilling much deeper, faster, more efficiently, and more unconventionally than ever imagined in the early days of cable-tool drilling.

The progression of events since that first well is astounding and continues advancing at a fast pace. We’ve learned that industry progress brings upturns and downturns, and that the slower growth in petroleum demand experienced recently will be followed by rapid acceleration in demand. The question remains: Is the industry prepared for the recovery that is already underway?

Higher oil prices always lead to more investment in oil exploration. The shale oil plays and oil sands are causing national oil companies to invest domestically in new production. We will likely see more joint ventures and partnerships to expedite exploration and production activities. After weathering the downturn, an upswing is upon us. Trained personnel must be ready to perform the important work to be done—and do so safely and efficiently. Proper training not only saves money in long-term efficiencies but also limits incidents that impede operations.

PETEX can be a strong ally in these times of change. With ongoing classes at our Houston Training Center and customized classes at client sites worldwide, we are dedicated to meeting your training needs. PETEX is ready for the industry upswing with new programs, updated courses and publications, and new facilities. Fully reopening this fall is our West Texas Training Center on the campus of The University of Texas of the Permian Basin. State-of-the-art digital instruction is in rapid development, and we are dedicated to updating our catalog of offerings to reflect the latest technological advancements in the industry.

We are grateful to our former and current partners who have helped fund equipment and renovations at the West Texas Training Center and who continue to support our expansion. As a self-funded, nonprofit institution, your support and dedication to PETEX is sincerely appreciated. It is instrumental to our growth so we may continue to serve as a primary global training provider for the oil and gas industry.

Just as the Drake Well is a symbol of our drilling legacy, PETEX is a symbol of The University of Texas’s commitment to quality education and training. Together with our industry partners, we share in the Drake Well’s accomplishments and celebrate not a single event, but a century and a half of industry achievement.

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In Case You Haven't Heard...

PETEX is Fully Reopening its West Texas Training Center

This one-of-a-kind PETEX training facility has a slate of one-on-one, hands-on training sessions on full-size operating lease equipment. Located near the center of Texas activity in the Midland-Odessa area, this facility is conveniently positioned on the campus of The University of Texas of the Permian Basin and houses classrooms, laboratories, and a full-scale operational lease facility in one large enclosed area. The West Texas Training Center will train lease operators and technicians, drilling personnel, and others associated with production operations on some of the most common drilling, measurement, and production processes and equipment used today.

Courses offered include:

- Completion and Workover
- Elementary Drilling
- Gauging, Testing, and Running of Lease Tanks
- Natural Gas Measurement—Fundamentals
- Natural Gas Measurement—Design/Application/Inspection
- Production Technology
- Valves and Actuators
- Liquid Petroleum Measurement

Future schools will also include:

- Natural Gas Measurement—Electronic Flow Measurement
- Natural Gas Measurement—Sampling and Analysis
- Advanced Liquid Petroleum Measurement
- Field Handling and Plant Processing of Natural Gas

To all previous partners who helped fund the equipment and renovations at the West Texas Training Center, we sincerely appreciate your support of PETEX and the industry.

For a list of upcoming schools or for more information, call 281.443.7144 or visit www.utexas.edu/ce/petex and click on Training Courses.



The PETEX West Texas Training Center contains full-size operational equipment to enable real-world training under one roof.

New Edition!

Spread Mooring Systems

Rotary Drilling Series: Unit V, Lesson 2

This colorfully updated book discusses the ongoing important role of spread moorings in the offshore drilling industry. With expert input from Christopher Morlan, marine structural engineer with SBM Atlantia's Mobile Offshore Unit, this text explains the main principles of mooring line behavior, anchor holding power, and deployment and retrieval methods. Readers receive basic historical and operational perspectives with enough technical depth to understand concepts. 2009, 120 pages.



Find out more. Visit www.utexas.edu/ce/petex and click on Publications.



PETEX Presence at Conferences and Events around the Globe

From Ireland, England, and Canada to Houston, PETEX has presented, exhibited, and attended several conferences this year. We value our industry relationships and the conversations and connections established at these conferences. Thank you to all who visited the PETEX booth. We appreciate your support!



Pat Cargol, Vice President of Sales and Marketing (left), and **Graham Berry**, Director of International Business Development (right), with Wild Well Control visit the PETEX exhibit booth at the IADC World Drilling Conference and Exhibition in Ireland.



John Hadjioannou, Director of EPI Materials Testing Group, visits the PETEX booth at the GetEnergy 5th Annual Global Education and Training Conference in Exploration and Production in London.

Hands-on Learning—Putting Classroom Instruction into Practice



Peter Kosewicz, PETEX Director of Global Training, gave a presentation on Fundamentals of Liquid Measurement by Dynamic Means to attendees of the Canadian School of Hydrocarbon Measurement in Calgary.



Shelley Burt, Operations Assistant of EOG Resources (left), and **Nick Peterson**, Liquids Measurement Technician of DCP Midstream (right), climb atop the lease tank at the Houston Training Center to conduct gauging and sampling exercises during the recent Gauging, Testing, and Running of Lease Tanks course.



PETEX Launches Drilling E-Book this Fall

PETEX's popular *A Primer of Oilwell Drilling* book will soon be available in digital format. PETEX will release its first e-book of the widely used drilling Primer using technologically current, vivid graphics to demonstrate drilling concepts to industry personnel. PETEX is in the final stages of preparing content for licensing and distribution. This e-book is the first of more to come as we continue updating and converting other books to convenient e-formats to meet the industry's training needs.



Next on the development horizon are interactive training modules that can be launched using your learning management system, deployed via Intranet, or

on CD-ROM. Selected modules based on *A Primer of Oilwell Drilling*, 7th edition, will be available this fall. These interactive modules will include animation, video, audio, graphics, text, and assessments. PETEX is also digitizing video and animation clips (streamed via the Web) and developing online courses for availability in 2010.

To spearhead these initiatives and streamline PETEX's ongoing online training and electronic delivery efforts, we have recently added a Digital Delivery Project Manager to our team (see "We are PETEX").

For 65 years, PETEX has been providing clients with quality, up-to-date training according to industry standards. Digital learning products are just one way we fulfill your need for specialized, flexible training solutions. We are eager to share more information about these developments and learn more about your organization's specific training needs.

For updates on these efforts or to inquire about how PETEX can provide your company online training solutions, email petex@www.utexas.edu or visit www.utexas.edu/ce/petex and click on PETEX Digital Delivery.

We are PETEX



Karen Surrey, IT Systems Support Specialist, joins PETEX full time after two years assisting PETEX part time while completing her IT associates degree. She brings experience in troubleshooting, systems maintenance, network devices, cabling, and Microsoft Server. Surrey

provides IT support for PETEX training centers and assists with course delivery.

Zahid Yoosufani, Digital Delivery Project Manager, comes to PETEX with 30 years of experience with IBM Corporation where he served as Senior Advisor for Global Services Sales and Marketing Support and in roles as Program Manager, Business Development Manager, and Training Advisor supporting Global Learning Services.



Yoosufani has a wealth of experience managing all aspects of education and training programs and has cultivated key training industry relationships. He is well-versed in technology-based training processes and has served on boards and as an officer for educational and professional training companies.



Leah Alex, Administrative Associate, has a diverse set of communication skills, focusing on proofreading, maintaining PETEX's digital library, and handling a myriad of administrative tasks associated with publication development and training presentations. She has experience in copyediting and photography. In her previous position, she managed an image library of over 150,000 images and was project manager for a global keywording project.



FALL TRAINING

For the complete 2009-2010 schedule, visit www.utexas.edu/ce/petex

School	CEUs	Length	Dates	Tuition
Basic Petroleum Measurement	3.3	4 ½	Sept. 14-18	\$1,710
Advanced Petroleum Measurement	3.3	4 ½	Sept. 21-25	\$1,710
Pipeline Technology	10.8	14 ½	Sept. 21-Oct. 9	\$5,010
1st Week		5	Sept. 21-25	\$1,800
2nd Week		5	Sept. 28-Oct. 2	\$1,800
3rd Week		4 ½	Oct. 5-9	\$1,710
Hydraulics for Pipeline Engineers	3.3	4 ½	Oct. 12-16	\$1,710
Introduction to Offshore Operations	3.3	4 ½	Oct. 19-23	\$2,200
Mass Measurement of Hydrocarbon Fluids	3.3	4 ½	Oct. 26-30	\$1,710
Elementary Drilling	3.3	4 ½	Nov. 2-6	\$1,710
Natural Gas Measurement				
Fundamentals	2.3	3	Nov. 2-4	\$1,120
Design/Application/Inspection	1.1	1½	Nov. 5-6	\$735
Electronic Flow Measurement	2.3	3	Nov. 9-11	\$1,120
Sampling and Analysis	1.1	1½	Nov. 12-13	\$735
Petroleum Fundamentals	3.3	4 ½	Nov. 9-13	\$1,750
Valves and Actuators	3.3	4 ½	Dec. 7-11	\$1,600

Some courses have associated publications available by enrolling in the training class or by ordering from the 2009 *Petroleum Extension Service Catalog*; call 800.687.7052.

Courses are held at the PETEX Houston Training Center, 2700 W.W. Thorne Blvd, Houston, TX 77073. In late 2009, PETEX will also offer training at its West Texas Training Center in Odessa. Training dates are subject to change.

To enroll, visit www.utexas.edu/ce/petex or call 800.687.7052; fax 281.443.8722; or email petexhtc@www.utexas.edu.

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