



Welcome to the June, 2014 issue of “The Oil Field Efficiency Newsletter”. At Qv21 Technologies, we know that in the oilfield, efficiency is everyone’s business. After receiving such positive feedback from our previous newsletters, we are proud to present more ideas dedicated to help busy people keep up with some of the major changes taking place in the oil field. With time at a premium, it’s difficult to keep up with all of the innovations which can add to our respective margins and grow our businesses. These are innovations which will directly affect each of our companies’ profitability, and they occur in many areas of the O&G industry. Some of them relate to equipment, others to software, still others to processes. Please join us as we introduce efficiency through the use of technology and ingenuity.

Drilling

GE, Devon Sign New Technology Collaboration Agreement for Unconventionals



GE Oil & Gas and Oklahoma City energy exploration and production company Devon Energy Corporation (DEC) signed a new technology collaboration agreement (TCA) to drive innovations that will enhance the performance and economics of unconventional oil and natural gas projects as the demand for energy grows worldwide. The new agreement was announced at the groundbreaking ceremony for GE’s new Oil & Gas Technology Center in Oklahoma City. [Article here.](#)



Continuous inclination, azimuth measurement optimizes RSS control

Continuous automatic hold inclination, azimuth capabilities enhance automated steering, enable continuous directional measurement. [Article](#)

[here](#).



Streamlined procedures, intelligent rig design among keys to efficient rig move

A project to measure and improve land rig moves identified four key fundamentals and their integration as the path to improved efficiency: streamlined procedures, intelligent rig design, maximum equipment utilization and effective communication. [Article here](#).

Chemicals & Additives



Statoil Turns To Technology To Lower Oil Sands Emissions

Technologies include infill drilling, solvent co-injection and control devices.

[Article here](#).

Water / Water Alternatives / Water Treatment:



TD-500D Hand Held Oil in Water Analyzer Stands Ready Around the World for Immediate Service

To contribute further to environmental protection and provide immediate service worldwide, Turner designs Hydrocarbon Instruments has strategically set up a TD-500D Stocking Distribution Global Network for immediate TD-500D and accessories supply. [Article here](#).



Pinnergy and Shalewater Solutions announce joint venture

Pinnergy, Ltd. and Shalewater Solutions, LLC today announced a joint venture to provide complete, integrated water management solutions to support oil and gas operations throughout the U.S. shale basins. [Article here.](#)



OriginOil announces complete frack water treatment

OriginOil Inc. (OTC/QB: OOIL), developer of Electro Water Separation™ (EWS), the high-speed, chemical-free process to clean up large quantities of water, announced plans today to launch a product line that can treat frack water from end to end. This product, CLEAN-FRAC™, is based on OriginOil's P1000 platform, which is designed to process 1000 barrels per day of frac flowback and produced water. [Article here.](#)

Rules, Regs & Roads:



US EPA Considers Fracking Fluid Disclosure Rules

WASHINGTON, May 9 (Reuters) - The Obama administration announced its first steps on Friday toward what could be tighter regulation of hydraulic fracturing, or fracking, that has revived U.S. oil and gas production, seeking public input on whether companies should be forced to disclose the contents of so-called fracking fluids. [Article here.](#)



Rockefeller bill would expand carbon dioxide EOR tax credits

US Sen. John D. Rockefeller IV (D-W.Va.) introduced legislation that would increase tax credits for using carbon dioxide in enhanced oil recovery, and establish a certification process to help future projects obtain financing. [Article here.](#)

Top Land Use and Environmental Issues Facing Onshore Oil and Gas Operations



For onshore oil and gas operators, land use and environmental issues can present significant hurdles in the establishment of new facilities or the expansion of existing facilities. Land use and environmental challenges may even arise in the continued operation of existing facilities, particularly where there are new external developments or political pressures. Responding to and addressing these issues can result in significant costs and delays that may not be apparent on the face of the project. Operators need to be aware of these issues and the potential hidden costs. This article identifies top land use and environmental concerns facing oil and gas operators, and how they may arise. [Article here.](#)

Oil & Commodities Distribution Network:



News Release: Industry Working with Regulators on Crude-by-Rail Safety

Initial findings of Bakken crude characteristics to be presented May 20 at Williston Basin Petroleum Conference.

[Article here.](#)

US DOT issues Bakken crude rail transport emergency order



The US Department of Transportation (DOT) has issued an emergency order requiring all railroads operating trains containing large amounts of Bakken crude oil to notify State Emergency Response Commissions (SERC) about the operation of these trains through their states. Effective immediately, the emergency order (Docket Number DOT-OST-2014-0067) requires each railroad operating trains containing more than 1 million gal of Bakken crude oil (roughly 35 tank cars) in a particular state to provide the appropriate SERC with notification regarding their expected movement through that state's counties. [Article here.](#)

Software, Data & Information:



Oil, Gas Looks to Hire More Cybersecurity Professionals to Address Risks

Oil and gas companies are looking to hire more cybersecurity professionals as recent advances in oil and gas technology, which have created greater efficiency and reliability, also raise the industry's risk from cyberattacks.

[Article here.](#)

Training:



Four Trends for Addressing Uncertain Energy Markets in 2014

In the past several years, the energy markets in the U.S. and around the globe have been in a state of rapid and unrelenting change, leaving many market participants nostalgic for the “good old days.”

Unfortunately, the outlook for the coming year does not appear to offer a reprieve from the changes that continue to resonate around the world. [Article here.](#)

Transportation:



Trucks with electronic logs have fewer crashes, study finds

A study conducted for the Federal Motor Carrier Safety Administration found that trucks operated with electronic hours-of-service recorders (EHSRs) had a 11.7% lower crash rate than those not so equipped and a 5.1% lower crash rate for preventable crashes. The study, conducted for FMCSA by the Center for Truck and Bus Safety at the Virginia Tech Transportation Institute, comes with the disclaimer that the data was skewed toward larger for-hire carriers and may not represent the overall U.S. trucking population. [Article here.](#)



BFGoodrich rolls out SmartWay-verified drive tire

New DR454 also said to provide excellent wet traction and retreadability.

[Article here.](#)



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