



Welcome to the fifth 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, 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 continue to search for increased oilfield efficiency through the use of technology and ingenuity.

## DRILLING



### **Quantifying Drilling Efficiency**

This paper examines the methods used to measure drilling efficiency and the difficulties encountered when using various data sources. The analysis examines the technologies used before, during, and after rotary rig operation which shape overall productivity results. [Article here](#).

## OIL & COMMODITIES DISTRIBUTION NETWORK



### **Ten Questions for North American Energy in 2013**

The energy industry has seen a remarkable transformation in recent years. Economic uncertainty, coupled with growth in unconventional oil and gas plays in North America, has created a very different operating environment compared with just five years ago. These are some of the main questions that guide our research as the year starts. [Article here](#).

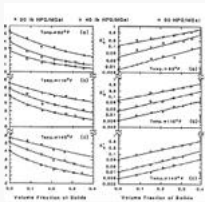
## PROPPANTS



### **Cadre Proppants Unveils Worlds First Proppant-on-Demand System (PoDS)**

Cadre Proppants today unveiled the world's first Proppant-on-Demand System (PoDS). The multi-million dollar project, located at Cadre's proppant facility in Voca, Texas, is designed to reduce costs associated with scheduling, transportation and storage of the large volumes of proppant required by companies engaged in the hydraulic fracturing of oil and gas wells. [Article here.](#)

### **The Effects of Proppant Concentration on the Rheology of Slurries for Hydraulic Fracturing**



Hydraulic fracturing is a method employed by the petroleum industry to increase the performance of oil and gas reservoirs. Modeling this process requires accurate characterization of fluid rheology which is significantly affected by the proppant concentration. Various models for slurry viscosity and settling velocity have been reviewed. [Article here.](#)

## RULES, REGULATIONS & ROADS



### **Salazar, Alaska producers view final NPR-A plan differently**

US Sec. of the Interior Ken Salazar signed a final plan for managing the National Petroleum Reserve-Alaska that he and several environmental organizations called balanced, and the Alaska Oil & Gas Association called needlessly restrictive. [Article here.](#)



### **GreenRoad: Driver-monitoring technology can boost safety stats**

An annual performance report compiled by technology provider GreenRoad indicates that monitoring systems can dramatically alter truck driver behavior – especially in regards to speeding. [Article here.](#)



### **Massive DOE grant program aims to boost truck fuel economy**

The U.S. Department of Energy (DOE) is spreading \$187 million in grants around the truck manufacturing industry to significantly improve fuel efficiency for heavy- and light-duty trucks, all while maintaining current exhaust emission curbs. [Article here.](#)



### **Study: Driver-monitoring technology poised for growth**

A recent study by international consulting firm ABI Research indicates that demand for driver-monitoring technology – particularly camera-based systems designed to thwart drowsy and distracted driving– is poised to pick up sharply within the next several years. [Article here.](#)

## **SOFTWARE, DATA, & INFO.**



### **Sprint CEO: Upping wireless connections can boost savings for truck fleets**

Far from creating more distractions in the cab for truck drivers, Sprint CEO Dan Hesse believes more wireless connections within commercial vehicles – especially for navigation systems – will prove to save both time and money for motor carriers in a big way. [Article here.](#)



### **SmartTruckRoute Truck Routing App Now Available for iPhone, iPad, Android**

The SmartTruckRoute app connects to in-house truck routing servers located in Boston, Massachusetts to allow commercial drivers to use the built-in GPS of the phone or tablet to create truck specific routes with the added benefits of live map updates. [Article here.](#)

## **EXPOS & CONVENTIONS**

### **Bakken Oil Workers & Oil Service Expo**



The rapid and continuous growth caused by the Bakken Boom has brought new companies and services to the region in an unusually fast and furious pace. This growth pace has not allowed for the natural “get to know your community” that happens under normal times and in the course of conducting daily business.

[View here.](#)



If you know people who may be interested in getting the latest updates from a variety of experts, please forward this info to them. As you come across innovations which add efficiencies, we would appreciate your feedback. We would also be pleased to publish cutting edge articles and ideas from our readers. Archived issues of “The Oil Field Efficiency Newsletter” can be found online [here](#).

Please submit ideas or articles either directly to me or through our website at [www.Qv21.com](http://www.Qv21.com). Thanks, and best wishes for your own success. Visit us at [Qv21 Technologies](#) to find out more.

*Sincerely,*  
[Qv21 Team](#)

