Dear Sir:

Echometer Company is offering a three-day Advanced Seminar to be held in Wichita Falls, Texas on November 10-12, 2009. This 3-day seminar provides expanded training on analysis of Echometer Well Analyzer Dynamometer, Counter Balance Torque, and Power data. The seminar's data analysis techniques will aid participants in evaluating their sucker rod pumping wells. Each day the general format of the seminar will consist of eight (8) one-hour mini-topic sessions. Each mini-topic includes a 30 minute presentation followed by the participant's hands-on use of the TWM software to analyze data related to the primary topic of the presentation. Class participants should bring their individual laptops. Knowledge gained from attending this seminar will increase the participant’s skill in 1) analysis of operational problems of sucker rod lifted wells, 2) using TWM data to troubleshoot well problems, and 3) recommending corrective actions. Application of these analysis techniques to sucker rod lifted wells will increase profitability due to decreased repair cost and increased production. Data collected using the Echometer Well Analyzer and TWM software will be evaluated throughout the seminar. An outline and schedule of the seminar is enclosed.

Updated and new software will be distributed at this seminar. Many of you have contributed to the development of this software. We appreciate your help.

The course is free of charge and attendance is limited to 40 registrants. To enroll in the course, please return the enclosed registration card. Or, register by fax to 940/723-7507 or by E-mail to info@echometer.com. Please contact me if you desire additional information regarding the seminar.

Best wishes,

Lynn Rowlan

ECHOMETER COMPANY
5001 DITTO LANE   WICHITA FALLS, TEXAS 76302 USA
PHONE: 940/767-4334   FAX: 940/723-7507  E-MAIL: info@echometer.com www.echometer.com

Please enroll the following in the Wichita Falls Advanced DYNAMOMETER, TORQUE & POWER Seminar
Name___________________________________________________________ Phone ____________________
Company _________________________________________ Address _________________________________
City______________________________________________ State____________  Zip Code _______________
Fax__________________________ E-Mail ______________________________________________________

Please indicate which days you will attend:
☑ All Sessions  ☐ Wednesday  ☐ Thursday     ☐ Friday

Will you bring your Well Analyzer equipment? If so, please indicate below and include serial numbers.
Well Analyzer________________________________ Computer________________________________
Remote Fire Gun ____________________________  Pressure Trans. ____________________________
Compact Gas Gun ___________________________  Horseshoe Trans. ____________________________
Polished Rod Trans.__________________________  Power Probe ________________________________

NOTE: FOR HOTEL RESERVATIONS, A BLOCK OF ROOMS IS RESERVED UNDER GROUP CODE ECH AT THE HOMEWOOD SUITES HOTEL FOR THOSE ATTENDING THE SEMINAR. THE RATE IS $109 PER NIGHT. THE HOTEL PHONE NO. IS 940/691-4663. PLEASE REFERENCE ECHOMETER WHEN MAKING RESERVATIONS WITH THE HOTEL TO RECEIVE THE SPECIAL RATE. THE BLOCK OF ROOMS WILL BE AVAILABLE UNTIL ONE WEEK BEFORE THE SCHOOL.
ECHOMETER SEMINAR OUTLINE

Wednesday - 8:00 A.M. to 5:00 P.M.
1. Introduction to Total Well Management: Dynamometer, Torque and Power
2. Dynamometer Loads and Position - Reference Loads
3. TV and SV Load Test, Tubing Fluid Gradient, Buoyancy
4. QRod - Design and Analysis of Sucker Rod Pumping System
5. API RP 11L - Undertravel, Overtravel, Fo/SKr and N/No
6. Diagnostic Pump Card Shapes
7. Down Hole Gas Separation
8. Dynamometer Card Analysis - Difficult Problems

Thursday - 8:00 A.M. to 5:00 P.M.
1. Pump Intake Pressures from Pump Cards, Valve Check Load, and Fluid Levels
2. Operation of the Sucker Rod Pump during the Pumping Cycle
3. Controlling Run Time
4. Unaccounted Friction - Damping Coefficients
5. Pumping Flumping Wells
6. Pump Slippage - Setting Pump Clearances
7. Dynamometers Cards - Benefits of High Speed and High Resolution Data Acquisition
8. Polished rod Transducer - Bending of the Polished Rod

Friday - 8:00 A.M. to 5:00 P.M.
1. Troubleshooting Beam Pumped Wells
2. Analysis of the Prime Mover
3. Real Time Performance of NEMA D Motors under Cyclic Loads
4. Different Types of Pumping Units
5. Properly Counter Balance Gearbox Loading
6. Different Methods of Net Torque Determination
7. Maintain High Producing Efficiency in Sucker Rod Lift Operations
8. Overview of Beam Pump Operations

"TWM", the Windows® based Well Analyzer software will be used as the primary teaching tool during the Well Analyzer seminar. Additional support will be available outside of normal class hours.

ECHOMETER COMPANY  5001 DITTO LANE  WICHITA FALLS, TEXAS 76302 USA
PHONE: 940/767-4334  FAX: 940/723-7507  E-MAIL: info@echometer.com  www.echometer.com