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Saturday, November 6, 2010

**McElhiney Lecture: "You Drill a Hole - You Develop a Well"**  
(1.5 hour morning lecture on drilling and development)

**Takeaways:** As a result of this lecture, you will have

- earned 1.5 CEUs to fulfill requirements for any license or certification renewal,
- made contacts with groundwater professionals who can offer assistance with future problems or opportunities,
- increased your knowledge of negative drilling impacts & consequences if they are not addressed
- a better understanding of various well development techniques
- increased knowledge of the relationship of well efficiency and operational cost
- gained insight in determining "When is a well developed?"

**Lecture content:**

- The steps in producing a water well - design, installation and completion considerations
- Correcting the negative effects of the drilling process
- Restoring or improving the hydraulic properties of the borehole within the screen zone
- Review the suitability of various development techniques to completion design
- Review of both low- and high-capacity well development issues
- Achieving maximum well efficiency through well development

**Instructor:** Mike Mehmert, Director of Sales and Marketing - Well Products, Johnson Screens, New Brighton, MN

Mr. Mehmert has more than 38 years experience in groundwater industry consulting, contracting and manufacturing. He obtained a B.S. degree in Geology from Texas A&M University in 1970. He is a member of NGWA and is an active Well Standards Committee member. He was the project director and contributing author to the third edition of *Groundwater & Wells*.

Contact info: Phone: 303-674-0913; Fax: 303-670-2588;  
email: Mike.Mehmert@johnsonscreens.com