

Oil and Gas Flow Rate Measurement: It's Not that Simple

Presentation to
Ernest E. Smith Oil, Gas, and Mineral
Law Institute

March 29, 2019, Houston, TX



www.lettonhall.com

1

The Letton Hall Group

- Founded by Jim Hall and Chip Letton in early 2001
- Deep domain knowledge in oil, gas and multiphase flow
 - ▢ Largest group of senior experts in flow measurement domain
 - ▢ Experience in measurement R&D, system design, operations
 - ▢ Over 700 publications, 45 patents
- Industry leadership in technology and standards development
- Worldwide business and cultural experience



2

2

Oil and Gas Flow Rate Measurement

Goal Today:

Convince you that this is an oilfield technology area where it is very easy to get it wrong.

Common Liquid Flow Meters

- **Positive Displacement (PD)**
- **Turbine**
- **Coriolis**
- **Transit-Time Ultrasonic**
- **Differential**
- **Vortex**
- **Magnetic**
- **Pitot**
- **Doppler Ultrasonic**

Find the full text of this and thousands of other resources from leading experts in dozens of legal practice areas in the [UT Law CLE eLibrary \(utcle.org/elibrary\)](https://utcle.org/elibrary)

Title search: Oil and Gas Flow Rate Measurement: It's Not That Simple

First appeared as part of the conference materials for the
45th Annual Ernest E. Smith Oil, Gas and Mineral Law Institute session
"Oil and Gas Flow Rate Measurement: It's Not That Simple"