

5-Day Appalachian Basin Horizontal Well Design and Execution Training

Agenda

Day 1: 8:00 am – 4:30 pm

- Introduction
- Hole Cleaning
- Tripping and Backreaming

Day 2: 8:00 am – 4:30 pm

- ECD and Surge/Swab
- Torque, Drag and Buckling Fundamentals
- Drill String Design

Day 3: 8:00 am – 4:30 pm

- Basics of Wellbore Stability
- Introduction to Lost Returns
- Additional Drilling Risks
- Casing and Drill pipe Wear
- Differential Sticking
- Managed Pressure Drilling and Navigating Narrow Mud Weight Window

Day 4: 8:00 am – 4:30 pm

- Torque, Drag, Buckling and Hydraulics Modeling
- Running Casing and Liners in ER Wells
- Hole Condition Monitoring

Day 5: 8:00 am – 1:00 pm (these times apply only to North America Land courses)

- Cementing
- Well Design and Rig Sizing