



“ Managed Pressure Drilling School”
Agenda - 2014

DAY 1: Monday

AM Welcome/Introductions/Student MPD Experiences
MPD Overview
Defining the Operating Regime
Pore Pressures

PM Wellbore Stability – Predicting and Maintaining Stability
Frac Gradients/Casing Seat Selection
Technique Selection
Using the Operating Window / Introduction to the HUBS software

DAY 2: Tuesday

AM MPD Required Equipment
Flow Path Design
Basic MPD Equipment Testing

PM Advanced Hydrodynamic Modeling
Basic MPD Operations
Connection and Tripping Procedures
MPD Class Exercise (Utilizing HUBS)

DAY 3: Wednesday

AM Chokes and Surface Equipment Design and Layout Details
MudCap Techniques

PM Hole Cleaning and Cuttings Transport (Advanced Hydraulics 2)
Gasified Operations
Gasified/Foam Fluid Class Exercise (Modeling)
MPD Class Exercise (Utilizing HUBS)

DAY 4: Thursday

AM. Foam Fluid Operations
Separators and Surface Equipment Layout

PM Air, Gas, and Mist Operations
Air Drill Problem
CBHP and Advanced MPD Techniques
Advanced Hydraulics 3 – Phase Change (Optional)
MPD Class Exercise (Utilizing HUBS)

DAY 5, Friday (1/2 day)

Casing Drilling Applications
MPD Class Casing Drilling Exercise (Utilizing HUBS)
MPD Completion & Cementing Techniques (Optional, if time allows)
Course Evaluation, and wrap-up
Graduation Lunch

NOTE: Agenda subject to minor modification during the course depending on time available and interest of students.