



## Self-Review Preparatory for Well Control Certification



Wild Well is making a concerted effort to assist those students working to attain an IADC or IWCF well control certification by providing resources on well control for its students to self-review prior to attending the well control course.

The self-review will include the following.

### Surface Kill Sheets

- Become familiar with the manual kill sheet and its purposes
- Become familiar with the IADC Formula Sheet and the use of the formulas
- Practice filling out the manual Kill Sheet with available well data
- Practice completing the calculations using the IADC Formula Sheet
  - Know the formulas and data required to complete
  - Understand formulas and what the resulting data means
  - Know how to calculate using the available well data
  - Know and understand the rules of rounding numbers – according to IADC
- Practice inputting data into the Electronic Kill Sheet to verify answers

### Rig Math

- Casing and Pipe Volumes and Displacements
- Pit Volumes

### Well Control Basics

- Hydrostatic Pressure – what is it, how is it calculated
- Circulation and Well Control
- Pressure Basics and Concepts
- Kicks – causes, how to recognize
- Complications
- Shut-In Procedures
- Drilling Fluids
- Formation Fracture Gradient
- Well Kill Methods

### Pressure Control Equipment

- Blowout Preventers (BOPs)
- Chokes – hydraulic and manual
- Accumulator
- Mud/Gas Separator
- BOP Stacks
- Rams – types, placement

### Practice Test

- Supervisor Level

All of these well control study resources can be found at [wildwell.com](http://wildwell.com).

Studying this Self Review will help to ensure successful completion of the well control course and testing. In addition, Students will receive a Student Study Guide when attending Well Control Training at Wild Well.

If you have any questions, please contact Wild Well's Well Control Training group at +1.281.784.4700 or [training@wildwell.com](mailto:training@wildwell.com).