

Well Intervention Planning

How much do you know about coiled tubing or wireline (slick & electric) tool conveyance into highly deviated ERD wells? In one of my past lives I spent a lot of time running simulations for these type of jobs; running & managing those same jobs in the field, and from the office.

- Are you running simulations with a proven program?
 - Is the information (survey data) that is being input into the program accurate and has it been confirmed?
 - Are accurate well configuration variables being considered with respect to ID changes, depth, & hole angle?
 - If running Coiled Tubing do you know your limits with respect to buckling?
 - Have you considered exact tool configurations, OD, & length?
 - Have you considered active release devices in your tool string (at strategic areas) so that if you encounter problems, you can easily release your string.
 - Have you planned deployment equipment for the worst case scenario in case you do have to fish?
- What are your surface package limitations?

These are just some of the questions you should be asking yourself and please remember this, time is money. The more focus that is put into planning ahead (the 7 P's), is time saved in assessing issues that could crop up later.