CASE: Coil Tubing Sand Cleanout

Challenge:
Sand build-up in the Production liner caused a blockage in the jet pumping system halting production from well.

Solution:
Step #1: Remove jet pump (Wireline) from wellbore and tag top of sand fill.
Step #2 Rig up CTU and pumping equipment to wellhead and clean out sand in production liner.

Execution:
The operation was pre modelled to ensure friction from a long horizontal leg would not be a limiting factor in reaching TD. Western Energy Services mobilized its quick rig up trailer mounted Coil Tubing Unit to location and set up. The unit was placed on site along with the BOP and lubricator packages in a matter of hours. Pre-operation pressure testing was conducted to ensure all equipment was effective and speed up the rig up procedure. Sand returns were collected early in the clean-out procedure and continued for the length of the production liner. 12 cubic meters of sand was recovered over the course of the 2 day operation. Jet pump was re-installed and well was returned to production within the following week.