

# CASE HISTORY

## MagTraC MWD RANGING™ SUCCESSFULLY AIDS P&A - ALLOWS FOR NEW OFFSET WELLS

### LOCATION

Canada

### APPLICATION

Plug & Abandon

### TECHNOLOGY

MagTraC MWD Ranging™ / gyroMWD

### CUSTOMER CHALLENGE

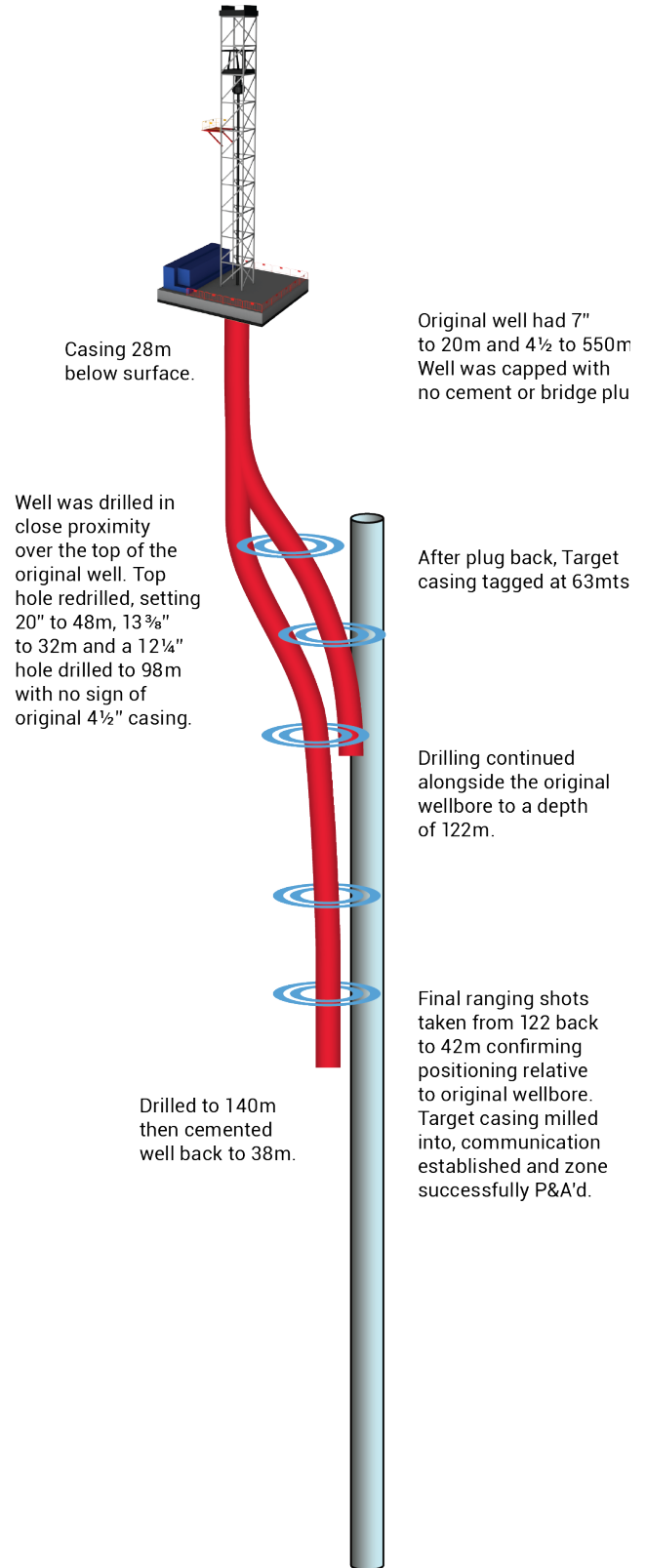
A well was originally drilled and capped with no cement or bridge plug. The well needed to be abandoned as the casing had parted. The regulatory authorities determined that the lower zone had to be isolated before offset wells could be drilled. Conventional techniques used the year before had resulted in an unsuccessful P&A.

### SCIENTIFIC SOLUTION

Scientific Drilling's MagTraC MWD Ranging™ and gyroMWD were used to determine the locating of the target casing relative to the new remedial well. The well was kicked off the plug with low pump rates, and MagTraC and gyroMWD continued to track the target well until the target casing was tagged. Final MagTraC shots were acquired from 122m up to 42m to determine the orientation of the target casing relative to the remedial well. The target casing was milled into and communications established. The zone was cemented and successfully P&A'd.

### CUSTOMER VALUE

MagTraC MWD Ranging, coupled with gyroMWD allowed the customer to successfully P&A the well while satisfying regulatory abandonment requirements. This resulted in new offset wells being drilled.



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