

# CASE HISTORY: LOGGING MULTI-LEG LATERAL WELL

### Background

- 3 leg multi-lateral well drilled in July 2013
- Operator was expecting to return to surface in order to gather well logs through each leg
- LWT was mobilized to gather data in the 2 most porous legs on a single run, without returning to surface
- Other thru-the-bit horizontal logging methods unable to allow two consecutive runs in separate legs

### Operation

- The final leg was drilled with the LWT composite collar
- LWT tools were pumped down into leg #3 and logged to the leg intersections
- BHA was re-orientated, run into leg #2, and logged to surface

### Achievements

- No additional trip to surface between every logging runs was required
- Estimated rig time savings was 24 hours, which equated to \$40,000 to the client

### Client Statement

- "Very impressed with the ease of operation"
- "Data was used for future well placement to ensure they were producing from the most porous zone"

- Engineering Lead

