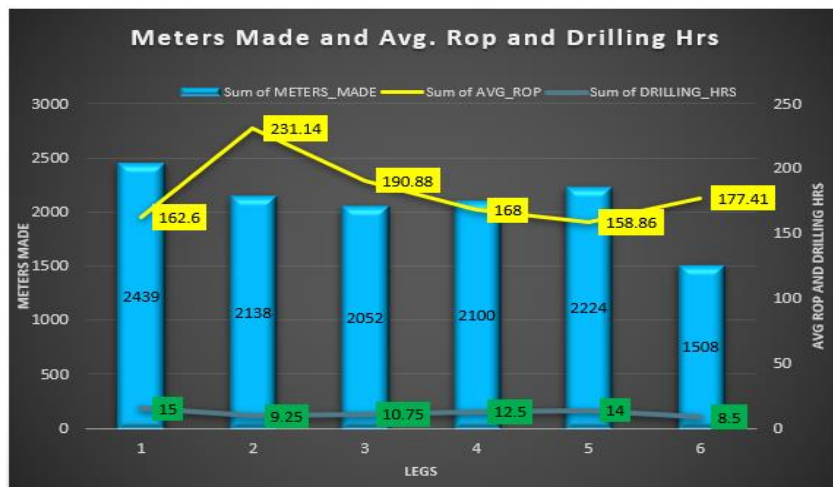


HyperLine™ Motor, MWD Technology Drill 6-Leg Multilateral in 1 Run, Set New Record in Distance Drilled in 12-hr Shift, Improve ROP Efficiency



The chart illustrates the performance of Weatherford technology which drilled 1,594 m (5,229 ft) in a 12-hr shift.

Objectives

- Drill multilateral legs in the Clearwater formation, including openhole sidetracks, using a dual-telemetry MWD system.

Our Approach

- The combination of the EMx dual-telemetry MWD tool and the HyperLine drilling motor enabled the operator to drill a 6-leg multilateral well in a single run. Selected for its capability to drill directionally in multilayer formations, the HyperLine motor doubles the operating torque and power output of standard motors.
- The 12-hour operation set a new standard in distance drilled: 1,594 m (5,229 ft).
- All legs were complete in EM without the need to use the pulse telemetry in dual mode. All the drilled legs relied on the WellPlaced Survey Management (IFR2+MSA+SAG) technology.
- The single-lateral bottomhole assembly drilled 12,461 m (40,882 ft) in just 70 drilling hours using the HyperLine motor.
- The directional team maintained the trajectory within the specific target, achieving an average rate of penetration (ROP) of 231.4 m (759 ft) per hour over the 12-hour shift.

Value to Customer

- The Weatherford solution enabled the operator to maintain the drilling according to the well plan.
- The drilling technology increased the ROP over other drilling tools from earlier jobs.

LOCATION

Canada

WELL TYPE

Multilateral

FORMATION

Clearwater

LENGTH DRILLED

12,461 m (40,882 ft)

AVERAGE ROP ROTATING

181.5 m/hr (595.4 ft/hr)

AVERAGE % SLIDE

7.23%

MOTOR HOURS

112.25

DRILLING HOURS

70

BELOW ROTARY

165 hr

PRODUCTS/SERVICES

- HyperLine motor
- EMx dual-telemetry MWD system
- WellPlaced Survey Management (IFR, MSA, SAG)

