

Description:

Production logging is run throughout the life of a well. Operators use production logs to evaluate fluid movement in and out of wellbore, quantify flow rates and determine fluid properties. Production Logs are also used to evaluate perforation efficiencies and diagnose issues at different life stages of a well

With a wide range of sensor and flowmeter options Boreal E-line Conventional can customize a PL program to specifically target the data an operator requires to properly evaluate his or her well

Boreal E-line Conventional has the capability to run PL operations in Vertical or Horizontal well bores and in both Sweet or Sour well bore environments

Applications:

- Quantify production/injection flow profiles, reservoir characterization
- Fluid identification in wellbore, hold-ups
- Flowing/Shut-in pressure surveys
- Evaluate perforation efficiencies
- Monitor well stimulation
- Determine points of water entry
- Locate casing/tubing/plug leaks
- Identify theft zones or cross flow
- Hydraulic isolation between zones
- Cement top in newly cemented pipe



| | PL — GE | PL — Lee/DataCan |
|-------------------|---|--|
| Sonde | GR-CCL, Temp, Press, Spinner, Capacitance | GR-CCL, Temp, Press, Spinner, Capacitance, Gradio |
| Flowmeter Options | <ul style="list-style-type: none"> ◆ Collapsible Fullbore ◆ Continuous ◆ In-Line | <ul style="list-style-type: none"> ◆ Collapsible Fullbore ◆ Continuous ◆ LOWFLOW helical ◆ In-Line |
| Temp | 177°C | 177°C |
| Press | 103 MPa | 133 MPa |
| Tool OD | 43 mm | 35 mm |
| H2S/CO2 | YES | YES |
| Memory | YES | YES |
| Conveyance | E-line, Slickline, Coil Tubing, Smart Coil, Tractor Tool, Jointed Pipe | E-line, Slickline, Coil Tubing, Smart Coil, Tractor Tool, Jointed Pipe |