



IntegraView™ SECOND CASING CEMENT TOP LOCATOR TOOL

[XLS-CBL-GR-CCL]

www.Downtons.com

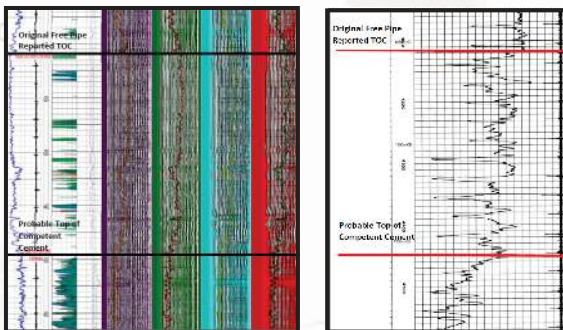
Description

The IntegraView™ tool is a modern and novel approach to evaluate and identify cement tops behind a second casing string. The advanced Sonic tool design utilizes a multi-sensor acoustic receiver arrangement with a specialized sonic transmitter. The sonic waveforms are then analyzed for Cement attenuation and formation slowness.

This tool has been developed and tested in Canada in actual field applications where the processed analysis was able to successfully identify Cement Top through two concentric casing strings to the second casing annulus cement barrier.

Applications

- Identification of Cement Top in concentric casing annuli
- Identification of Lithology strata changes
- Behind casing Fluid/Gas storage identification
- Formation acoustic porosity and slowness (*requires post processing*)



Case Study - Post 4.5" Liner installation into 7" Production casing, the IntegraView™ log was run for P&A operations in 2022, subsequent location of the 1965 Amplitudes Cement Bond Log of the 7" Production casing confirmed IntegraView™ results.



Maximum Logging Speed	30 m/min (100 ft/min)
Maximum Temperature	175°C (350°F)
Maximum Pressure	170MPa (25,000psi)
Receivers	6ft/8ft/10ft/12ft = Omni
Measurements	6/8/10/12 ft VDL & 6/8/10/12 ft Full Waveform 100-2000µSec Cement Attenuation with Gamma Ray, CCL
Tool Diameter	69mm (2-3/4 in.)
Tool Length	8.17m (26.8 ft.)
Tool Weight	175kg (375 lbs.)
Maximum First Casing OD	219.1mm (8-5/8 in.)
Minimum First Casing ID	89mm (3-1/2 in.)
Maximum Second Casing OD	406.4mm (16 in.)

Downton's
ENERGY SERVICES

A BUSINESS UNIT OF **Downton's** TRANSPORT LTD.

AB Dispatch: 403.885.4560

BC Dispatch: 778.256.4506

Lacombe - Blackfalds - Fort St. John
Grande Prairie - Saskatoon - Calgary