

### **CASED HOLE WIRELINE SERVICES**

# RADIAL CEMENT BOND TOOL

#### **PURPOSE:**

The Radial Cement Bond Tool provides an accurate evaluation of the cement bond quality and integrity to both pipe and formation by providing a 360° cement map with a dedicated 8 Sector Radial receiver, with each sector spaced 45° circumferentially around the tool located (2-ft) from the transmitter. The segmented receiver provides a good indication of cement channeling behind the casing while the tool also provides standard cement bond amplitude (CBL) through Near receiver (3-ft), and Variable Density Log (VDL) through Far receiver (5-ft).

#### **ADVANTAGES:**

- Ran in conjunction with a Gamma Ray (GR) and a Casing Collar Locator (CCL) placed on top of the radial cement bond tool string (SEE DIAGRAM ON PAGE 2)
- Located on the bottom of the tool string is an integrated temperature probe to provide an accurate measurement of wellbore temperature.
- Compatible with Compensated Neutron Tool (CNT) that can be ran below the bond tool receiver section.
- Lower operating time and cost with the ability to run the above tools in one run. GR/CCL/CBL/VDL/TEMP/CNT

#### **APPLICATIONS:**

- Cement bond quality & integrity to both pipe and formation

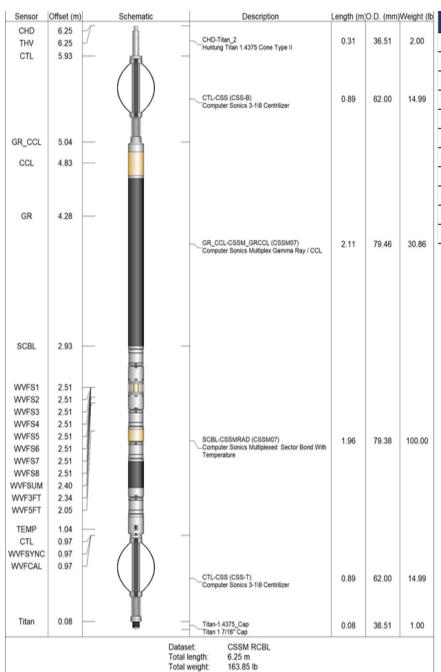
Phone: 1-780-875-1395

- Fast formation / Channeling / Microannulas
- Helps confirm isolation between zones
- Identify top of cement (TOC)



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## **TOOL INFORMATION:**



Specifications	
Vertical Resolution	3ft CBL and 5ft VDL
Temperature Rating	350°F (177°C )
Pressure Rating	20,000 psi (138MPa)
Tool Weight	200 lbs (91kg)
Tool Length	20.5' (6.25m)
Tool OD	3.125" (79mm)
Minimum Casing Size	4 1/2" (114.3mm)
Maximum Casing Size	13 3/8" (339.7mm)
Well Deviation	No Limits
Borehole Environment	Cased, Fluid Filled Hole
Logging Speed	Approx. 30 ft/min (8-10m/min)

O.D.:

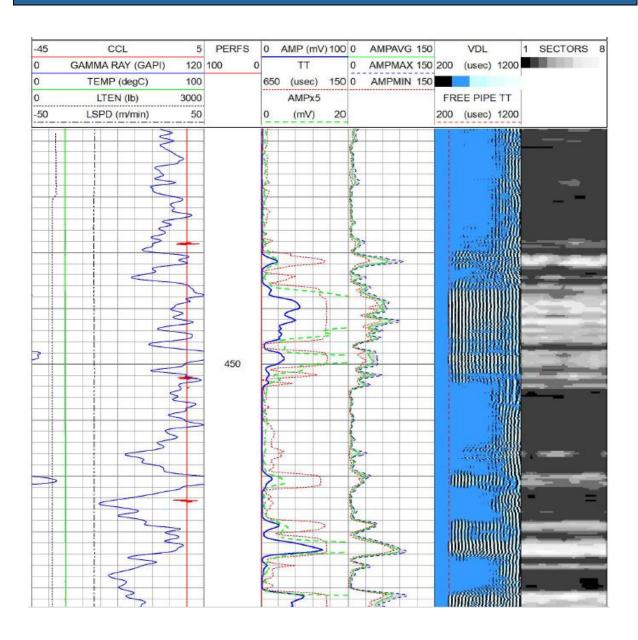
79.46 mm

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## **RADIAL CEMENT BOND LOG EXAMPLE:**



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