

LOUISIANA OFFICE OF CONSERVATION

Injection & Mining Division

CEMENT BOND LOGGING GUIDELINES

A cement bond log (CBL) must be run with a calibrated cement bond tool with single transmitter/dual receiver 3-foot/5-foot spacing and must include the following:

1. Gamma-ray curve
2. Casing collar locator
3. Travel Time on the 3-foot receiver
4. 0-100 mv Amplitude curve
5. x5 or x10 Amplified Amplitude Curve (IMPORTANT!)
6. Variable Density log (VDL) or Waveform
7. A free pipe section
8. The most recent shop calibration & date.

If a cement evaluation log (CEL) or a cement mapping tool (CMT) is run, it must include, in addition to the standard curves, a variable density log (VDL).

The bond log for a well must be run up to the following depths:

1. In a single string completion, the CBL or CEL must be run above the depth of the Underground Source of Drinking Water (USDW) for the well.
2. In a multiple string completion, the CBL or CEL must be run at least 50' above the top of cement for the innermost string of casing.

*****NOTE: The packer must be set below the top of cement as shown by the CBL*****

Mailing Address:

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Fax#: (225) 242-3441 (be sure to include the log heading with the serial number of the well and log scales)