

# JUNIOR LOG ANALYST TRAINING MODULE

**DIMENSION BID**

## MODULE 13 - Cement Bond Log

### OBJECTIVES

Upon completion this task you should be able to:

### THEORY

1	Explain the purpose of running CBL tool.	✓
2	What is the principle behind a Cement Bond Log?	✓
3	What is the basic quality control for a CBL log?	✓
4	What is VDL and what data can be acquired from VDL ?	✓
5	What is a Cycle Skipping? What happens to TT when there is cycle skipping and if there is noise?	✓
6	Why are the fluid properties important for running the CBL tool?	✓
7	Why are casing properties important for running a bond log?	✓
8	How does the CBL tool calibrated?	✓
9	What will happen if we don't have these calibrations prior to logging?	✓
10	What is microannulus and how to prevent microannulus effect ?	✓
11	Explain when we require to relog/rerun and any changes in well condition.	✓


Grade: 100%

Supervisor Signature: 


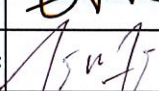
### PRACTICAL

1	Produce CBL log package and Full Interpretation report. Submit and present the CBL result. Submit together with CBL log package.	✓
2	Do maintenance on CBL. Learn how to service, calibrate and bench test CBL under supervision.	✓
3	Warrior skills	✓

Grade: 100%

Supervisor Signature: 

### COMMENTS BY SUPERVISOR

Name:	CLEMENT EMANG	Signature:		Date:	3/10/2023
Manager's Name:	FARIS	Manager Signature:		Date:	03/10/2023.