12. Connect the pressuring assembly to the top valve stem and lock it in place with the rerating pin.
13. Keeping the valve close
14. Adjust the top and bottom regulators to the recommended backpressure for the test.
15. Maintain the pressure on the fluid until the desired temperature is stabilized as indicated by the thermometer.

PART B-REPEAT ABOVE STEPS BY ADDING FLUID LOSS ADDITIVE TO THE MUD AS THE FOLLOWING

1. Add 1g of polymer (MIL-PAC R) and mix thoroughly. Report on filtrate and mud thickness
2. Add extra 2g of polymer (MIL-PAC R) and mix thoroughly. Report on filtrate and mud thickness
3. Add another 3g of polymer (MIL-PAC R) and mix thoroughly. Report on filtrate and mud thickness

(LTLP)

Procedure for sing mud without additive

1. Make sure each part of the cell is clean and dry, and that gaskets are in good condition.
2. Pour sample of mud into the cell and complete the assembly with the filter paper in place
3. Place a dry graduate cylinder under the drain tube to receive the filtrate.
4. Close the relief valve; adjust the regulator so that a pressure of 100±1.0psi is applied in 30 seconds or under. The last period begins at the time of pressure application.
5. At the end of 30 minutes measure the volume of filtrate. Shut flow to through pressure regulator and take care in opening the relief valve.
6. Note the volume of filtrate in cubic cm (to 0.1cm) as the API filtrate.
7. Disassemble the cell, get rid of the mud, but take extreme care so not to disturb the surface of the cake. Wash the filter paper gently with water or diesel oil.
8. Measure the thickness of the cake in 32nds of an inch or in mm.
9. Take observations and comment on the mud.

PART B-REPEAT ABOVE STEPS BY ADDING FLUID LOSS ADDITIVE TO THE MUD AS THE FOLLOWING

4. Add 2g of polymer (MIL-PAC R) and mix thoroughly. Report on filtrate and mud thickness
5. Add extra 2g of polymer (MIL-PAC R) and mix thoroughly. Report on filtrate and mud thickness

Add another 2g of polymer (MIL-PAC R) and mix thoroughly. Report on filtrate and mud thickness

Nomenclature

Quantity	Unit
Pressure	Bar
Temperature	°C
Filtration	Ml
Thickness	mm

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