G13

$\{ A \to CB2,\ A \to 1B,\ A \to \lambda,$
$B \to BC,\ B \to 1,\ C \to 2 \}$ well formed

Eliminate left recursivity

~~$B \to BC$~~

$B \to 1,\quad B \to 1B'$

~~$B' \to C,\ B' \to CB'$~~

$B' \to 2$

$\{ A \to CB2,\ A \to 1B,\ A \to \lambda$
$B \to 1,\ B \to 1B',\ B' \to 2,\ B' \to CB' \}$

$NT = \{ A, B, B', C \}$ ← ordered

∄ Group 3

Group 1 : $A \to 1B,\ A \to \lambda,\ B \to 1,\ B \to 1B',\ B' \to 2$
$C \to 2$

Group 2 $A \to CB2,\ B' \to CB'$

Transforming Group 2

~~$A \to CB2$~~ $A \to 2B2$

~~$B' \to CB'$~~ $B' \to 2B'$

Now, we have

Group 1

$A \to 1B, A \to \lambda, B \to 1, B \to 1B', B' \to 2$

$C \to 2, A \to 2B2, B' \to 2B'$

Completing now

$A \to 2BC$