Bottom-up Conflict Finding Code

$C := \{\langle a, \{a\}\rangle : a \text{ is assumable }\}$;

repeat

select clause "$h \leftarrow b_1 \wedge \ldots \wedge b_m$" in T such that

$\langle b_i, A_i\rangle \in C$ for all i and

there is no $\langle h, A'\rangle \in C$ or $\langle false, A'\rangle \in C$

such that $A' \subseteq A$ where $A = A_1 \cup \ldots \cup A_m$;

$C := C \cup \{\langle h, A\rangle\}$

Remove any elements of C that can now be pruned;

until no more selections are possible