```
term_mng_static  THM

⊢  ∀u:Term, e,s,a,tr,tr':Top.
   ¬mentions_trace(u) ⇒ ([[u]] e s a tr' ∼ [[u]] e s a tr)
  by D 0 THENA Auto THEN TermInd 1 THEN Reduce 0

        THEN UnivCD THENA Auto
   THEN Try (Complete Auto)

        THEN Try (SimpHyp (-1))

        THEN Try (RW assert_pushdownC (-1) THENA Auto)

        THEN Try (EqCD THEN BackThruSomeHyp THEN Auto

                  THEN ParallelOp (-1) THEN SimpConcl)
END
```