```
hexp_wd  THM

⊢  and
|  (all(λm:hnum. equal(exp(m,0),1))
|  ,all(λm:hnum. all(λn:hnum. equal(exp(m,suc(n)),mult(m,exp(m,n))))))
| by HN THEN StrongAuto THEN Try (Complete (Unfold ‘label‘ 0))
|
1. m : ℕ
2. n : ℕ
⊢  exp(m;n+1) = m•exp(m;n)
| by Assert (n+1>0) THEN Simp THEN Try (Complete Auto)
|
1. m : ℕ
2. n : ℕ
3. n+1>0
⊢  m•exp(m;n+1-1) = m•exp(m;n)
  by RepeatFor 2 (Try Analyze) THEN StrongAuto
     THEN
     Try (Complete (Unfold ‘label‘ 0))
END
```