```
assert_of_bnot  THM

⊢  ∀p:𝔹. ¬₂p ⟺ ¬p  by (Analyze 0) THEN (Analyze 0)
|
|\
| 1. p : 𝔹
| ⊢  ¬₂p ⇒ ¬p
|   by BoolInd 1
|      THEN
|      Unfolds [`assert`;`bnot`;`not`] 0
|      THEN
|      Rewrite (RepeatC (HigherC ifthenelse_evalC)) 0
|
.\
. 1. p : 𝔹
. ⊢  ¬₂p ⇐ (¬p)
. | by BoolInd 1
. |    THEN
. |    Unfolds [`assert`;`bnot`;`not`] 0
. |    THEN
. |    Rewrite (RepeatC (HigherC ifthenelse_evalC)) 0
. |
. 1. True ⇒ False
. ⊢  False  by BackThru 1
END
```