```
no_prop_iff_its_neg  THM

⊢  ∀P:Prop. ¬(P ⟺ ¬P)  by 2 Times Analyze
|
1. P : Prop
2. P ⟺ ¬P
⊢  False  by ¬P  Asserted
|
|\
| .....assertion .....
| ⊢  ¬P  by Analyze
| |
| 3. P
| ⊢  False  by FwdThru: P ⟺ ¬P on [ P ]
| |
| 4. ¬P
| ⊢  False  by Contradiction
|
.\
. 3. ¬P
. ⊢  False  by FwdThru: P ⟺ ¬P on [ ¬P ]
. |
. 4. P
. ⊢  False  by Contradiction
END
```