```
all_false  THM

⊢  ∀A:S. (∀x:A. False) ⟺ False
| by Id THEN StrongAuto THEN Try (Complete (Unfold ‘label‘ 0))
|
1. A : S
2. ∀x:A. False
⊢  False
| by Analyze 1 THEN StrongAuto THEN Try (Complete (Unfold ‘label‘ 0))
|
1. A : Type
2. ∃x:A. True
3. ∀x:A. False
⊢  False
| by Analyze 2 THEN StrongAuto THEN Try (Complete (Unfold ‘label‘ 0))
|
1. A : Type
2. A
3. True
4. ∀x:A. False
⊢  False
  by DTerm x 4 THEN StrongAuto THEN Try (Complete (Unfold ‘label‘ 0))
END
```