```
record_select_wf_decls_mng2  THM

⊢  ∀ds:Collection(dec()), rho:Decl, s:{[[ds]] rho}, x:Label
|  , t:SimpleType. t ∈ dec_lookup(ds;x) ⇒ s.x ∈ [[t]] rho
| by Unfolds ``record r_select`` 0

|    THEN Unfold ‘decl_type‘ 0  THEN Auto

|    THEN Try (Fold ‘decl‘ 0 THEN Auto)

|    THEN Try (BackThruLemma ‘decls_mng_subtype‘ THENA Auto)
|
1. ds : Collection(dec())
2. rho : Decl
3. l:Label→[[ds]] rho(l)
4. x : Label
5. t : SimpleType
6. t ∈ dec_lookup(ds;x)
⊢  mk_dec(x, t) ∈ ds  by RWW "member_dec_lookup" (-1) THEN Auto
END
```