FEE CLAIM

START

```
            ┌─────────────────┐
            │   User wallet   │
            │  (Locked SNX)   │
            └────────┬────────┘
                     │ claimFees
                     │ (sUSD)
                     ▼
                 ◇ Fee Pool ◇
```

- User wallet (Locked SNX)
  - claimFees (sUSD) → **Fee Pool**

- **Fee Pool**
  - feesAvailable → **Fee pool state**
  - **Fee pool state** → feesAvailable & rewardsAvailable → **Fee Pool**
  - recordFeePayment & recordRewardPayment (self loop)
  - issue (sUSD) → **sUSD contract**
  - burn (XDR) → **XDR contract**
  - appendVestingEntry → **Reward escrow contract**

- **sUSD contract**
  - setBalanceOf user wallet address (sUSD) → **sUSD state**

- **XDR contract**
  - setBalanceOf Fee Pool (XDR) → **XDR state**

- **User wallet**
  - SNX locked
  - SNX escrowed
  - sUSD fees