First, this grammar is not SLR(1) because the SLR automaton has the following reduce/reduce conflict, which can't be resolved by the follow sets: Follow(A) and Follow(B) are both \{a, b\}.

```
[S' -> .S EOF]  
[S -> .AaAb]     
[S -> .BbBa]     
[A -> .bA]       
[A -> .d]        
[B -> .d]        
```

CONFLICT!