The Tell Tale Gene

Being the genetic whiz that you are, you know that by constructing a pedigree of the family you will be able to solve this mystery!

CLUES: Hemophilia is a sex-linked recessive trait. One child in the family was secretly adopted!

After interviewing every family member, you have come up with the following information (in no particular order):
• Herb is Paul's brother. Herb is not a hemophiliac, but Paul is a hemophiliac.
• Paul's wife, Emma Jean, is not a hemophiliac & does not carry the gene for it.
• Jane is a carrier & Sally is a hemophiliac.
• Jane & Sally are sisters.
• Jane is Herb's sister.
• Emma Jean & Paul have four children: Bobby Joe, Billy Joe, Joanne, & Josephine.
• Joanne & Josephine are hemophilia carriers.
• Bobby Joe & Billy Joe do not have hemophilia.
• Paul's parents are Ethyl Mae & Sam.
• Sam has hemophilia & Ethyl Mae is a carrier.
• Ethyl Mae is one of five children of Clarence & Clara.
• Carol is a carrier & Ethyl Mae's sister.
• Bob & Ted are twins. They are both hemophiliacs & are Carol’s brothers.
• Ed is Carol’s brother & is not a hemophiliac.
• Clara is a hemophilic & Clarence is not.

After create the pedigree chart state who was secretly adopted AND explain how you know.