The X-ray image shows gas heated by a shock wave produced by a spiral galaxy (B) moving through the intergalactic gas in the group at more than 1000 km/s.

The relatively low gas temperature of 6 MK could be an indication that the intergalactic gas was preheated, presumably by previous encounters.

In Stephan’s Quintet collisions of the galaxies with each other and with the hot gas are stripping cool gas from spiral galaxies and transforming them into elliptical galaxies.
