Structure of Fragment (1):

\[5'\text{-TCGGG} \quad \text{C} \quad \text{GAGCC-5'}\]

1014 bp

Notes:
During 1.2% agarose gel electrophoresis with Tris-acetate (pH 7.6) as the running buffer, bromophenol blue migrates together with the 506/517 bp doublet band.

The 1636 bp band and all bands less than 1000 bp are generated from pBR322.

If the ionic strength of the sample is too low, blurring of the bands can occur.