$$log(5x+1) = log(100) + log(2x-3)$$

$$log(5x+1) = log(100(2x-3))$$

$$5x + 1 = 200x - 300$$

$$\frac{301}{195} = \chi$$

$$2x-3=2\left(\frac{301}{195}\right)-3=\frac{601}{115}-\frac{585}{195}>0$$

$$\int_{0}^{\infty} \chi = \frac{301}{195} / 5 \quad \text{a Solation}$$