For $p \equiv 3 \bmod 4$, we give a proof that the zeta function of the curve $C: x^{2} t^{2}+y^{2} t^{2}+x^{2} y^{2}-t^{4}=0$ in $\mathbb{P}^{2}$ defined over $\mathbb{F}_{p}$ is

$$
Z_{C}(u)=\frac{\left(1+p u^{2}\right)(1+u)^{2}}{(1-p u)(1-u)}
$$

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