In[t]:= \$Assumptions = {m ∈ Reals, r ∈ Reals}

Out[1]=
$$\{\mathbf{m} \in \mathbb{R}, \mathbf{r} \in \mathbb{R}\}$$

$$\label{eq:ln[8]:=} \int \frac{1}{\sqrt{1-\frac{2\star m}{r}}} \, dl \, r$$

$$\label{eq:ln[8]:=} \operatorname{Out[8]=} r \, \sqrt{\frac{-2\,m+r}{r}} \, + m \, Log \left[-m+r+r \, \sqrt{\frac{-2\,m+r}{r}} \, \right]$$

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