

$$\begin{aligned} \text{ABS (N)} &= Q_1 = 522 = 2.717671 \\ Q_2 &= 70 = \frac{1.848671}{N} \\ N &= .869000 \end{aligned}$$

$$\text{CAOF} = 411 \left(\frac{16477.1}{10716.2} \right)^{.869} = 597 \text{ MCF/DAY}$$



