

Figure 1 is a log-log plot showing the relationship between Q (MCF/D) on the x-axis and Q (MCF/D) on the y-axis. The x-axis ranges from 100 to 10,000, and the y-axis ranges from 1.00 to 10.00. A straight line is plotted, labeled $PC2 = 15470.1$ and $AOE 6.077 \text{ MCF/D}$. The line passes through several data points, which are marked with open circles. The data points are approximately at (1000, 2.5), (2000, 4.0), (3000, 5.0), (4000, 6.0), (5000, 7.0), (6000, 8.0), (7000, 9.0), and (8000, 10.0). The plot is a log-log representation of the data, showing a linear relationship between the two variables.

Q2 = 580: Log of Q2 = 2.763428

$$N = \frac{1}{.579}$$
$$\theta = 60^\circ$$