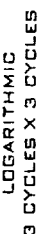


DATE 9-15-77

MADE IN U. S. A.



The graph is a log-log plot titled "BACK PRESSURE CURVE". The vertical axis (y-axis) is labeled "PRESSURE (PSI)" and ranges from 1 to 10. The horizontal axis (x-axis) is labeled "FLOW RATE (GPM)" and ranges from 1 to 10,000. The plot shows a series of data points represented by open circles. A solid line is drawn through the data points, representing the back pressure curve. The curve starts at a pressure of approximately 1.0 PSI at a flow rate of 1 GPM and rises to a pressure of approximately 1.5 PSI at a flow rate of 2,500 GPM. There are also several data points at a pressure of 1.0 PSI for flow rates between 1 and 10 GPM, and a cluster of points at a pressure of approximately 0.9 PSI for flow rates between 1 and 10 GPM.

Flow Rate (GPM)	Pressure (PSI)
1.0	1.0
1.2	1.0
1.5	1.0
2.0	1.0
3.0	1.0
4.0	1.0
5.0	1.0
6.0	1.0
7.0	1.0
8.0	1.0
9.0	1.0
10.0	1.0
1.0	0.9
1.2	0.9
1.5	0.9
2.0	0.9
3.0	0.9
4.0	0.9
5.0	0.9
6.0	0.9
7.0	0.9
8.0	0.9
9.0	0.9
10.0	0.9
1.0	0.8
1.2	0.8
1.5	0.8
2.0	0.8
3.0	0.8
4.0	0.8
5.0	0.8
6.0	0.8
7.0	0.8
8.0	0.8
9.0	0.8
10.0	0.8
1.0	0.7
1.2	0.7
1.5	0.7
2.0	0.7
3.0	0.7
4.0	0.7
5.0	0.7
6.0	0.7
7.0	0.7
8.0	0.7
9.0	0.7
10.0	0.7
1.0	0.6
1.2	0.6
1.5	0.6
2.0	0.6
3.0	0.6
4.0	0.6
5.0	0.6
6.0	0.6
7.0	0.6
8.0	0.6
9.0	0.6
10.0	0.6
1.0	0.5
1.2	0.5
1.5	0.5
2.0	0.5
3.0	0.5
4.0	0.5
5.0	0.5
6.0	0.5
7.0	0.5
8.0	0.5
9.0	0.5
10.0	0.5
1.0	0.4
1.2	0.4
1.5	0.4
2.0	0.4
3.0	0.4
4.0	0.4
5.0	0.4
6.0	0.4
7.0	0.4
8.0	0.4
9.0	0.4
10.0	0.4
1.0	0.3
1.2	0.3
1.5	0.3
2.0	0.3
3.0	0.3
4.0	0.3
5.0	0.3
6.0	0.3
7.0	0.3
8.0	0.3
9.0	0.3
10.0	0.3
1.0	0.2
1.2	0.2
1.5	0.2
2.0	0.2
3.0	0.2
4.0	0.2
5.0	0.2
6.0	0.2
7.0	0.2
8.0	0.2
9.0	0.2
10.0	0.2
1.0	0.1
1.2	0.1
1.5	0.1
2.0	0.1
3.0	0.1
4.0	0.1
5.0	0.1
6.0	0.1
7.0	0.1
8.0	0.1
9.0	0.1
10.0	0.1

θ	=	52°	Q in MCF per DAY
n	=	0.781	
AOF	=	1,485 MCF/DAY	