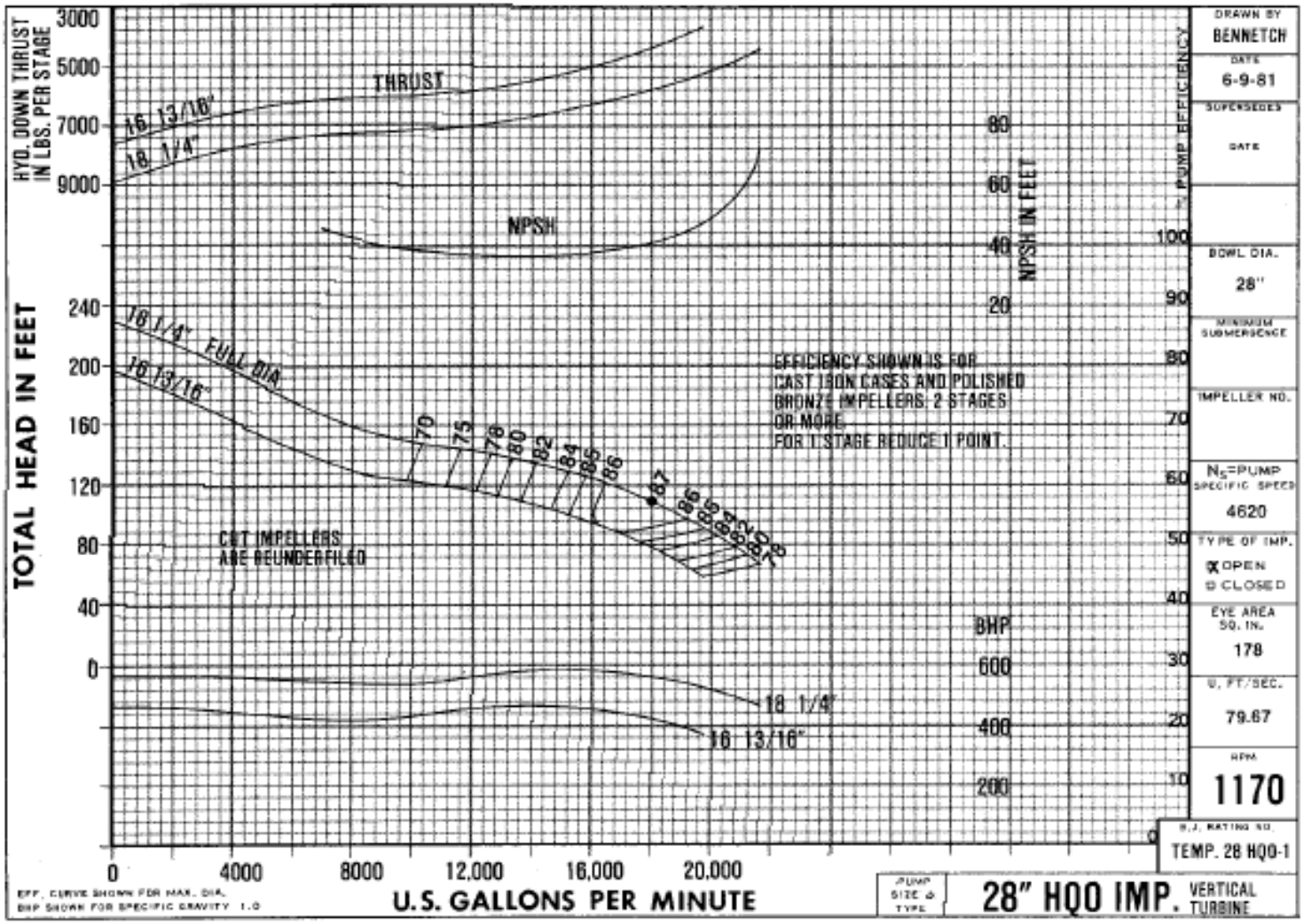
HYD. DOWN THRUST IN LBS. PER STAGE
3000
5000
7000
9000
THRUST
16 13/16"
18 1/4"
NPSH
TOTAL HEAD IN FEET
240
200
160
120
80
40
0
18 1/4" FULL DIA.
16 13/16"
70
75
78
80
82
84
85
86
87
86
85
84
82
80
78
CUT IMPELLERS ARE REUNDERFILED
EFFICIENCY SHOWN IS FOR CAST IRON CASES AND POLISHED BRONZE IMPELLERS. 2 STAGES OR MORE. FOR 1 STAGE REDUCE 1 POINT.
NPSH IN FEET
80
60
40
20
% PUMP EFFICIENCY
100
90
80
70
60
50
40
30
20
10
0
BHP
600
400
200
18 1/4"
16 13/16"
0
4000
8000
12,000
16,000
20,000
U.S. GALLONS PER MINUTE
EFF. CURVE SHOWN FOR MAX. DIA.
BHP SHOWN FOR SPECIFIC GRAVITY 1.0
DRAWN BY
BENNETCH
DATE
6-9-81
SUPERSEDES
DATE
BOWL DIA.
28"
MINIMUM SUBMERGENCE
IMPELLER NO.
N_S=PUMP SPECIFIC SPEED
4620
TYPE OF IMP.
OPEN
CLOSED
EYE AREA SQ. IN.
178
U, FT/SEC.
79.67
RPM
1170
B.J. RATING NO.
TEMP. 28 HQO-1
PUMP SIZE & TYPE
28" HQO IMP. VERTICAL TURBINE