LAYNE & BOWLER, INC.
MEMPHIS, TENN.

VERTICAL TURBINE PUMP
PERFORMANCE CHART

CURVE SHEET NO. 17678
DATE

THESE CURVES SHOW THE GENERAL SHAPE OF THE PUMP BOWL CHARACTERISTICS UNDER SHOP TESTS AT THE CONSTANT SPEED INDICATED A TOLERANCE OF PLUS OR MINUS 2% MUST BE ALLOWED IN THE GUARANTEED CAPACITY, HEAD, AND EFFICIENCY AT THE RATED POINT WHEN PUMPING NON-GASEOUS WATER FREE FROM DETRITUS, AT A TEMPERATURE NOT OVER 86° FAHR., AND WITH THE LOWEST IMPELLER SUBMERGED.

FOR

ADDRESS

TYPE OF PUMP FIG. DHC R.P.M. 1770

SIZE OF PUMP 18 INS. 1 STAGES IMPELLER +

FIELD PERFORMANCE

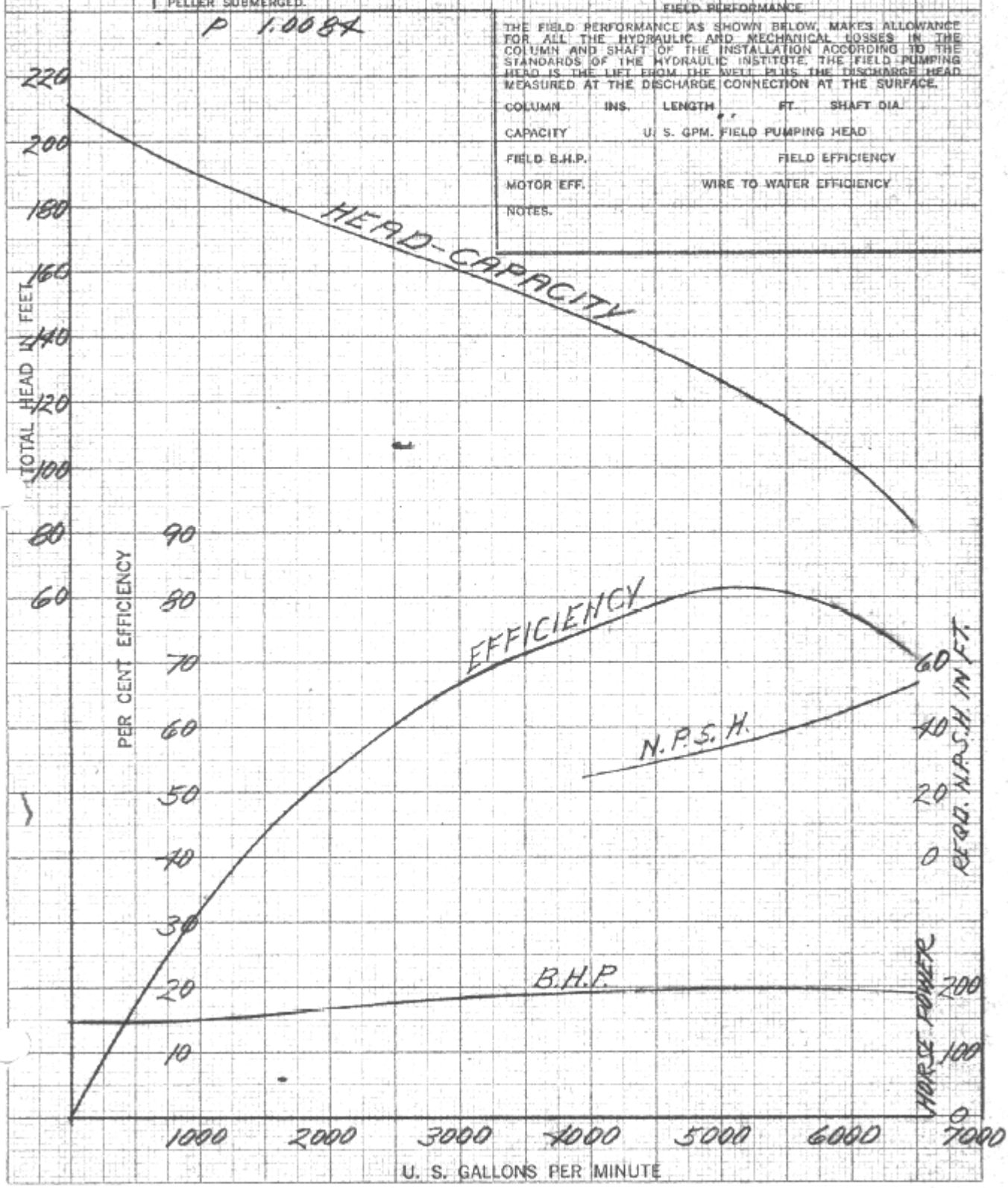
THE FIELD PERFORMANCE AS SHOWN BELOW, MAKES ALLOWANCE FOR ALL THE HYDRAULIC AND MECHANICAL LOSSES IN THE COLUMN AND SHAFT OF THE INSTALLATION ACCORDING TO THE STANDARDS OF THE HYDRAULIC INSTITUTE. THE FIELD PUMPING HEAD IS THE LIFT FROM THE WELL PLUS THE DISCHARGE HEAD MEASURED AT THE DISCHARGE CONNECTION AT THE SURFACE.

COLUMN INS. LENGTH FT. SHAFT DIA.

CAPACITY U. S. GPM. FIELD PUMPING HEAD

FIELD B.H.P. FIELD EFFICIENCY

MOTOR EFF. WIRE TO WATER EFFICIENCY

NOTES.

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